

WI-1	Authors	Title	Journal	IF 2020	School
1	<b>Adriaans B.</b> , Westenberg J., <b>van Cauteren Y.</b> , <b>Gerretsen S.</b> , Elbaz M., Bekkers S., Veenstra L., Crijns H., <b>Wildberger J.</b> , <b>Schalla S.</b>	<a href="#">Clinical assessment of aortic valve stenosis: comparison between 4D flow MRI and transthoracic echocardiography</a>	J Magn Reson Imaging. 2020 Feb;51(2):472-480. doi: 10.1002/jmri.26847. Epub 2019 Jun 30.	<b>3.954</b>	CARIM
2	<b>Aizaz M.</b> , <b>Moonen R.</b> , <b>van der Pol J.</b> , Prieto C., Botnar R., <b>Kooi M.</b>	<a href="#">PET/MRI of atherosclerosis</a>	Cardiovasc Diagn Ther. 2020 Aug;10(4):1120-1139. doi: 10.21037/cdt.2020.02.09.	<b>2.615</b>	CARIM
3	Ambur Sankaranarayanan R., Kossatz S., Weber W., Beheshti M., Morgenroth A., <b>Mottaghy F.</b>	<a href="#">Advancements in PARP1 targeted nuclear imaging and theranostic probes</a>	J Clin Med. 2020 Jul 6;9(7):2130. doi: 10.3390/jcm9072130.	<b>3.303</b>	GROW
4	Amini M., van Leeuwen N., Eijkenaar F., Mulder M., Schonewille W., Lycklama À Nijeholt G., <b>Hinsenveld W.</b> , <b>Goldhoorn R.</b> , van Doormaal P., Jenniskens S., Hazelzet J., Dippel D., Roozenbeek B., Lingsma H.; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Improving quality of stroke care through benchmarking center performance: why focusing on outcomes is not enough</a>	BMC Health Serv Res. 2020 Oct 31;20(1):998. doi: 10.1186/s12913-020-05841-y.	<b>1.987</b>	CARIM
5	Baggerman M, van Dijk D, Winkens B, van Gassel R, Bol M, Schnabel R, <b>Bakers F.</b> Olde Damink S, van de Poll M.	<a href="#">Muscle wasting associated comorbidities, rather than sarcopenia are risk factors for hospital mortality in critical illness</a>	J Crit Care. 2020 Apr;56:31-36. doi: 10.1016/j.jcrc.2019.11.016. Epub 2019 Nov 26.	<b>2.685</b>	CARIM
6	Beheshti M., Manafi-Farid R., Geinitz H., Vali R., Loidl W., <b>Mottaghy F.</b> , Langsteger W.	<a href="#">Multiphasic 68 Ga-PSMA PET/CT in the detection of early recurrence in prostate cancer patients with a PSA level of less than 1 ng/mL: a prospective study of 135 patients</a>	J Nucl Med. 2020 Oct;61(10):1484-1490. doi: 10.2967/jnumed.119.238071. Epub 2020 Feb 14.	<b>7.887</b>	GROW
7	van den Berg S., Uniken Venema S., Mulder M., Treurniet K., Samuels N., Lingsma H., <b>Goldhoorn R.</b> , Jansen I., Coutinho J., Roozenbeek B., Dippel D., Roos Y., van der Worp H., Nederkoorn P.; <b>MR CLEAN Registry Investigators†.</b>	<a href="#">Admission blood pressure in relation to clinical outcomes and successful reperfusion after endovascular stroke treatment</a>	Stroke. 2020 Nov;51(11):3205-3214. doi: 10.1161/STROKEAHA.120.029907. Epub 2020 Oct 12.	<b>7.190</b>	CARIM

8	Bick U., Trimboli R., Athanasiou A., Balleyguier C., Baltzer P., Bernathova M., Borbély K., Brkljacic B., Carbonaro L., Clauser P., Cassano E., Colin C., Esen G., Evans A., Fallenberg E., Fuchsjaeger M., Gilbert F., Helbich T., Heywang-Köbrunner S., Herranz M., Kinkel K., Kilburn-Toppin F., Kuhl C., Lesaru M., <b>Lobbés M.</b> , Mann R. 22, Martincich L., Panizza P., Pediconi F., Pijnappel R., Pinker K., Schiaffino S., Sella T., Thomassin-Naggara, Tardivon A., van Ongeval C. 31, Wallis M., Zackrisson S., Forrai G., Herrero J., Sardanelli F., European Society of Breast Imaging (EUSOBI), with language review by Europa Donna. The	<a href="#">Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging</a>	Insights Imaging. 2020 Feb 5;11(1):12.doi: 10.1186/s13244-019-0803-x.	<b>3.579</b>	GROW
9	Bilet L., Phielix E., <b>van de Weijer T.</b> , Gemmink A., Bosma M., Moonen-Kornips E., Jorgensen J., Schaart G., Zhang D., Meijer K., Hopman M., Hesselink M., Ouwens D., Shulman G., <b>Schrauwen-Hinderling V.</b> , Schrauwen P.	<a href="#">One-leg inactivity induces a reduction in mitochondrial oxidative capacity, intramyocellular lipid accumulation and reduced insulin signalling upon lipid infusion: a human study with unilateral limb suspension</a>	Diabetologia. 2020; 63(6): 1211–1222. Published online 2020 Mar 17. doi: 10.1007/s00125-020-05128-1	<b>7.518</b>	NUTRIM
10	de Boer M., van Middelkoop M., Hauptmann M., van der Bijl N., Bosmans J., Hendriks-Brouwer N., Schop S., de Boer J., Hijmering N., Overbeek L., <b>Lobbés M.</b> , Klazen C., de Jong D., Rakhorst H., van der Hulst R., van Leeuwen F.	<a href="#">Breast implant prevalence in the Dutch female population assessed by chest radiographs</a>	Aesthet Surg J. 2020 Jan; 40(2): 156–164. Published online 2019 Jun 26. doi: 10.1093/asj/sjz136	<b>3.799</b>	GROW
11	<b>de Boer S.</b> , Heinen S., Goudeketting S., <b>de Haan M.</b> , Mees B., Van Den Heuvel D., De Vries J.	<a href="#">Novel diagnostic and imaging techniques in endovascular iliac artery procedures</a>	Expert Rev Cardiovasc Ther. 2020 Jul;18(7):395-404. doi: 10.1080/14779072.2020.1780916.	<b>1.900</b>	CARIM
12	Boodt N., Compagne K., Dutra B., Samuels N., Tolhuisen M., Alves H., Kappelhof M., Lycklama À Nijeholt G., Marquering H., Majoie C., Lingsma H., Dippel D., van der Lugt A.; <b>Coinvestigators MR CLEAN Registry.</b>	<a href="#">Stroke etiology and thrombus computed tomography characteristics in patients with acute ischemic stroke: a Mr Clean registry substudy</a>	Stroke. 2020 Jun;51(6):1727-1735. doi: 10.1161/STROKEAHA.119.027749. Epub 2020 May 14.	<b>7.190</b>	CARIM

13	Brüggemann R., Spaetgens B., <b>Gietema H.</b> , Brouns S., Stassen P., Magdelijns F., Rennenberg R., Henry R., Mulder M., van Bussel B., Schnabel R., van der Horst I., <b>Wildberger J.</b> , Stehouwer C., Ten Cate H.	<a href="#">The prevalence of pulmonary embolism in patients with COVID-19 and respiratory decline: a three-setting comparison</a>	Thromb Res. 2020 Dec;196:486-490.doi: 10.1016/j.thromres.2020.10.012. Epub 2020 Oct 15.	<b>2.869</b>	GROW
14	<b>Bruls Y.</b> , Op den Kamp Y., Phielix E., <b>Lindeboom L.</b> , Havekes B., Schaart G., Moonen-Kornips E., <b>Wildberger J.</b> , Hesselink M., Schrauwen P., <b>Schrauwen-Hinderling V.</b>	<a href="#">L-carnitine infusion does not alleviate lipid-induced insulin resistance and metabolic inflexibility</a>	PLoS One. 2020 Sep 25;15(9):e0239506. doi: 10.1371/journal.pone.0239506. eCollection 2020.	<b>2.740</b>	NUTRIM
15	<b>Canjels L.</b> , <b>Backes W.</b> , van Veenendaal T., Vlooswijk M., <b>Hofman P.</b> , Aldenkamp A., Rouhl R., <b>Jansen J.</b>	<a href="#">Volumetric and functional activity lateralization in healthy subjects and patients with focal epilepsy: initial findings in a 7T MRI study</a>	J Neuroimaging. 2020 Sep;30(5):666-673. doi: 10.1111/jon.12739. Epub 2020 May 30.	<b>2.321</b>	MHeNs
16	Captur, G., Bhandari, A., Bruehl, R., Ittermann, B., Keenan, K., Yang, Y., Eames, R., Benedetti, G., Torlasco, C., Ricketts, L., Boubertakh, R., Fatih, N., Greenwood, J., <b>Paulis, L.</b> , Lawton, C., Bucciarelli-Ducci, C., Lamb, H., Steeds, R., Leung, S., Berry, C., Valentin, S., Flett, A., de Lange, C., DeCobelli, F., Viallon, M., Croisille, P., Higgins, D., Greiser, A., Pang, W., Hamilton-Craig, C., Strugnell, W., Dresselaers, T., Barison, A., Dawson, D., Taylor, A., Mongeon, F-P., Plein, S., Messroghli, D., Al-Mallah, M., Grieve, S., Lombardi, M., Jang, J., Salerno, M., Chaturvedi, N., Kellman, P., Bluemke, D., Nezafat, R., Gatehouse, P., Moon, J. & T1MES Consortium.	<a href="#">T-1 mapping performance and measurement repeatability: results from the multi-national T-1 mapping standardization phantom program (T1MES)</a>	J Cardiovasc Magn Reson. 2020 May 7;22(1):31. doi: 10.1186/s12968-020-00613-3.	<b>5.361</b>	CARIM
17	Chalos V., van de Graaf R., Roozenbeek B., van Es A., den Hertog H., Staals J., van Dijk L., Jenniskens S., van Oostenbrugge R., <b>van Zwam W.</b> , Roos Y., Majoie C., Lingsma H., van der Lugt A., Dippel D.; <b>MR CLEAN-MED investigators.</b>	<a href="#">Multicenter randomized clinical trial of endovascular treatment for acute ischemic stroke. The effect of periprocedural medication: acetylsalicylic acid, unfractionated heparin, both, or neither (Mr Clean-med). rationale and study design</a>	Trials. 2020 Jul 14;21(1):644. doi: 10.1186/s13063-020-04514-9.	<b>1.883</b>	CARIM

18	Chalos V., van der Ende N., Lingsma H., Mulder M., Venema E., Dijkland S., Berkhemer O., Yoo A., Broderick J., Palesch Y., Yeatts S., Roos Y., van Oostenbrugge R., <b>van Zwam W.</b> , Majoie C., van der Lugt A., Roozenbeek B., Dippel D.; <b>MR CLEAN Investigators.</b>	<a href="#">National institutes of health stroke scale: an alternative primary outcome measure for trials of acute treatment for ischemic stroke</a>	Stroke. 2020 Jan;51(1):282-290. doi: 10.1161/STROKEAHA.119.026791. Epub 2019 Dec 4.	<b>7.190</b>	CARIM
19	Conen P., <b>Mottaghy F.</b>	<a href="#">Is 68 Ga-DOTA-FAPI a new arrow in the quiver of dose painting in radiation dose planning in head and neck cancers?</a>	Eur J Nucl Med Mol Imaging. 2020 Nov;47(12):2718-2720. doi: 10.1007/s00259-020-04895-8.	<b>7.081</b>	GROW
20	Crivelli S., van Kruijning D., Luo Q., Stevens J., Giovagnoni C., <b>Paulus A., Bauwens M.</b> , Berkes D., de Vries H., Mulder M., Walter J., Waelkens E., Derua R., Swinnen J., Dehairs J., <b>Mottaghy F.</b> , Losen M., Bieberich E., Martinez-Martinez P.	<a href="#">Ceramide analog [ 18 F]F-HPA-12 detects sphingolipid disbalance in the brain of Alzheimer's disease transgenic mice by functioning as a metabolic probe</a>	Sci Rep. 2020 Nov 9;10(1):19354. doi: 10.1038/s41598-020-76335-4.	<b>3.998</b>	MHeNs
21	Daniels, A., Wyers, C., Janzing, H., Sassen, S., <b>Loeffen, D.</b> , Kaarsemaker, S., van Rietbergen, B., Hannemann, P., Poeze, M., van den Bergh, J.	<a href="#">The interobserver reliability of the diagnosis and classification of scaphoid fractures using high-resolution peripheral quantitative CT</a>	Bone Joint J. 2020 Apr;102-B(4):478-484. doi: 10.1302/0301-620X.102B4.BJJ-2019-0632.R3.	<b>4.306</b>	CAPHRI
22	Douven E., Staals J., <b>Freeze W.</b> , Schievink S., Hellebrekers D., Wolz R., <b>Jansen J.</b> , van Oostenbrugge R., Verhey F., Aalten P., Köhler S.	<a href="#">Imaging markers associated with the development of post-stroke depression and apathy: results of the cognition and affect after stroke a prospective evaluation of risks study</a>	Eur Stroke J. 2020 Mar;5(1):78-84. doi: 10.1177/2396987319883445. Epub 2019 Oct 16.	<b>1.770</b>	MHeNs
23	<b>Drenthen G.</b> , Fonseca Wald E., <b>Backes W.</b> , Aldenkamp A., Vermeulen R., Debeij-van Hall M., Klinkenberg S., <b>Jansen J.</b>	<a href="#">Constructing an axonal-specific myelin developmental graph and its application to childhood absence epilepsy</a>	J Neuroimaging. 2020 May-Jun; 30(3): 308–314. Published online 2020 Apr 7. doi: 10.1111/jon.12707	<b>2.321</b>	MHeNs
24	<b>Drenthen G., Fasen F.</b> , Fonseca Wald E., <b>Backes W.</b> , Aldenkamp A., Vermeulen R., Debeij-van Hall M., Hendriksen J., Klinkenberg S., <b>Jansen J.</b>	<a href="#">Functional brain network characteristics are associated with epilepsy severity in childhood absence epilepsy</a>	Neuroimage Clin. 2020; 27: 102264. Published online 2020 Apr 23. doi: 10.1016/j.nicl.2020.102264	<b>4.350</b>	MHeNs
25	<b>Drenthen G., Backes W.</b> , Aldenkamp A., Vermeulen R., Klinkenberg S., <b>Jansen J.</b>	<a href="#">On the merits of non-invasive myelin imaging in epilepsy, a literature review</a>	J Neurosci Methods. 2020 May 15;338:108687. doi: 10.1016/j.jneumeth.2020.108687. Epub 2020 Mar	<b>2.214</b>	MHeNs
26	van Duin E., Ceccarini J., Booij J., Kasanova Z., Vingerhoets C., van Huijstee J., Heinzl A., Mohammadkhani-Shali S., Winz O., <b>Mottaghy F.</b> , Myin-Germeys I., van Amelsvoort T.	<a href="#">Lower [ 18 F]fallypride binding to dopamine D 2/3 receptors in frontal brain areas in adults with 22q11.2 deletion syndrome: a positron emission tomography study</a>	Psychol Med. 2020 Apr;50(5):799-807. doi: 10.1017/S003329171900062X. Epub 2019 Apr 2.	<b>5.811</b>	MHeNs
27	Dumoulin D., <b>Gietema H.</b> , Paats M., Hendriks L., Cornelissen R.	<a href="#">Differentiation of COVID-19 pneumonitis and ICI induced pneumonitis</a>	Front Oncol. 2020 Oct 29;10:577696. doi: 10.3389/fonc.2020.577696. eCollection 2020.	<b>4.848</b>	GROW

28	Dweck M., Maurovich-Horvat P., Leiner T., Cosyns B., Fayad Z., Gijzen F., Van der Heiden K., <b>Kooi M.</b> , Maehara A., Muller J., Newby D., Narula J., Pontone G., Regar E., Serruys P., van der Steen A., Stone P., Waltenberger J., Yuan C., Evans P., Lutgens E., Wentzel J., Bäck M.	<a href="#">Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: a position paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging</a>	Eur Heart J Cardiovasc Imaging. 2020 Oct 20;21(11):1177-1183. doi: 10.1093/ehjci/jeaa201.	<b>4.307</b>	CARIM
29	<b>Ederveen J.</b> , Nienhuijs S., Jol S., <b>Robben S.</b> , Nederend J.	<a href="#">Structured CT reporting improves accuracy in diagnosing internal herniation after laparoscopic roux-en-y gastric bypass</a>	Eur Radiol. 2020 Jun;30(6):3448-3454. doi: 10.1007/s00330-020-06688-x. Epub 2020 Feb 20.	<b>4.101</b>	NUTRIM/SHE
30	<b>Eijsvoogel N., Hendriks B.</b> , Nelemans P., <b>Mihl C., Willigers J., Martens B., Wildberger J., Das M.</b>	<a href="#">Personalization of CM injection protocols in coronary computed tomographic angiography (People CT trial)</a>	Contrast Media Mol Imaging. 2020; 2020: 5407936. Published online 2020 Jan 17. doi: 10.1155/2020/5407936	<b>1.872</b>	CARIM
31	<b>Eijsvoogel N., Hendriks B., Martens B., Gerretsen S., Gommers S.</b> , van Kuijk S., <b>Mihl C., Wildberger J., Das M.</b>	<a href="#">The performance of non-ECG gated chest CT for cardiac assessment - the cardiac pathologies in chest CT (CaPaCT) study</a>	Eur J Radiol. 2020 Sep;130:109151. doi: 10.1016/j.ejrad.2020.109151. Epub 2020 Jun 25.	<b>2.687</b>	CARIM
32	Filss C., Schmitz A., Stoffels G., Stegmayr C., Lohmann P., Werner J., Sabel M., Rapp M., Goldbrunner R., Neumaier B., <b>Mottaghy F.</b> , Shah N., Fink G., Galldiks N., Langen K.	<a href="#">Flare phenomenon in O-(2- 18 F-Fluoroethyl)-I-Tyrosine PET after resection of gliomas</a>	J Nucl Med. 2020 Sep;61(9):1294-1299. doi: 10.2967/jnumed.119.238568. Epub 2020 Jan 31.	<b>7.887</b>	GROW
33	<b>Foldyna B., Zeleznik R.</b> , Eslami P., Mayrhofer T., Ferencik M., Bittner D., Meyersohn N., Puchner S., Emami H., <b>Aerts H.</b> , Douglas P., Lu M., Hoffmann U.	<a href="#">Epicardial adipose tissue in patients with stable chest pain: insights from the Promise trial</a>	JACC Cardiovasc Imaging. 2020 Oct;13(10):2273-2275. doi: 10.1016/j.jcmg.2020.05.024. Epub 2020 Aug 26.	<b>11.323</b>	CARIM
34	Fonseca Wald E., Hendriksen J., <b>Drenthen G.</b> , Kuijk S., Aldenkamp A., Vles J., Vermeulen R., Debeij van Hall M., Klinkenberg S.	<a href="#">Correction to: towards a better understanding of cognitive deficits in absence epilepsy: a systematic review and meta-analysis</a>	Neuropsychol Rev. 2020 Mar;30(1):164-165. doi: 10.1007/s11065-019-09425-4.	<b>0</b>	MHeNs
35	<b>Freeze W., van der Thiel M.</b> , de Bresser J., Klijn C., van Etten E., <b>Jansen J.</b> , van der Weerd L., Jacobs H., <b>Backes W.</b> , van Veluw S.	<a href="#">CSF enhancement on post-contrast fluid-attenuated inversion recovery images; a systematic review</a>	Neuroimage Clin. 2020;28:102456. doi: 10.1016/j.nicl.2020.102456. Epub 2020 Oct 2.	<b>4.350</b>	MHeNs
36	<b>Freeze W.</b> , Jacobs H., <b>de Jong J., Verheggen I.</b> , Gronenschild E., Palm W., Hoff E., Wardlaw J., <b>Jansen J.</b> , Verhey F., <b>Backes W.</b>	<a href="#">White matter hyperintensities mediate the association between blood-brain barrier leakage and information processing speed</a>	Neurobiol Aging. 2020 Jan;85:113-122. doi: 10.1016/j.neurobiolaging.2019.09.017. Epub 2019 Sep 27.	<b>4.347</b>	MHeNs

37	Geuzinge H., Obdeijn I., Rutgers E., Saadatmand S., Mann R., Oosterwijk J., Tollenaar R., de Roy van Zuidewijn D., <b>Lobbes M.</b> , van 't Riet M., Hooning M., Ausems M., Loo C., Wesseling J., Luiten E., Zonderland H., Verhoef C., Heijnsdijk E., Tilanus-Linthorst M., de Koning H.; Familial MRI Screening (FaMRisc) Study group.	<a href="#">Cost-effectiveness of breast cancer screening with magnetic resonance imaging for women at familial risk</a>	JAMA Oncol. 2020 Sep 1;6(9):1381-1389. doi: 10.1001/jamaoncol.2020.2922.	<b>24.799</b>	GROW
39	<b>Gietema H.</b> , Zelis N., <b>Nobel M.</b> , Lambriks L., van Alphen L., Oude Lashof A., <b>Wildberger J.</b> , Nelissen I., Stassen P.	<a href="#">CT in relation to RT-PCR in diagnosing COVID-19 in The Netherlands: a prospective study</a>	PLoS One. 2020; 15(7): e0235844. Published online 2020 Jul 9. doi: 10.1371/journal.pone.0235844.	<b>2.740</b>	CARIM/GROW
40	<b>Goldhoorn R.</b> , Bernsen M., Hofmeijer J., Martens J., Lingsma H., Dippel D., van der Lugt A., Buhre W., Roos Y., Majoie C., Vos J., Boiten J., Emmer B., van Oostenbrugge R., <b>van Zwam W.</b> ; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Anesthetic management during endovascular treatment of acute ischemic stroke in the Mr Clean registry</a>	Neurology. 2020 Jan 7;94(1):e97-e106. doi: 10.1212/WNL.0000000000008674. Epub 2019 Dec 5.	<b>8.770</b>	CARIM
41	<b>Goldhoorn R.</b> , van de Graaf R., van Rees J., Lingsma H., Dippel D., <b>Hinsenveld W.</b> , <b>Postma A.</b> , van den Wijngaard I., <b>van Zwam W.</b> , van Oostenbrugge R., Roozenbeek B.; <b>MR CLEAN Registry Investigators—Group Authors.</b>	<a href="#">Endovascular treatment for acute ischemic stroke in patients on oral anticoagulants: results from the Mr Clean registry</a>	Stroke. 2020 Jun;51(6):1781-1789. doi: 10.1161/STROKEAHA.119.028675. Epub 2020 May 11.	<b>7.190</b>	MHeNs/CARIM
42	<b>Granzier R.</b> , Verbakel N., <b>Ibrahim A.</b> , van Timmeren J., <b>van Nijnatten T.</b> , Leijenaar R., <b>Lobbes M.</b> , Smidt M., <b>Woodruff H.</b>	<a href="#">MRI-based radiomics in breast cancer: feature robustness with respect to inter-observer segmentation variability</a>	Sci Rep. 2020 Aug 25;10(1):14163. doi: 10.1038/s41598-020-70940-z.	<b>3.998</b>	GROW
43	<b>Granzier R.</b> , <b>Ibrahim A.</b> , <b>Woodruff H.</b> , <b>van Nijnatten T.</b> , <b>Samiei S.</b> , de Boer M., Heuts E., Hulsmans F., <b>Lambin P.</b> , <b>Lobbes M.</b> , Smidt M.	<a href="#">Radiomics based on baseline DCE-MRI is predictive of tumor pathological complete response to neoadjuvant systemic therapy in breast cancer patients</a>	EJSO 2020; 46: PE 23 doi:10.1016/j.ejso.2019.11.479.	<b>4.043</b>	GROW
44	van Griethuysen J. Lambregts D., Trebeschi S., Lahaye M., <b>Bakers F.</b> , Vliegen R., Beets G., <b>Aerts H.</b> , Beets-Tan R.	<a href="#">Radiomics performs comparable to morphologic assessment by expert radiologists for prediction of response to neoadjuvant chemoradiotherapy on baseline staging MRI in rectal cancer</a>	Abdom Radiol (NY). 2020 Mar;45(3):632-643. doi: 10.1007/s00261-019-02321-8.	<b>2.429</b>	GROW

45	Groot A., Treurniet K., Jansen I., Lingsma H., <b>Hinsenveld W.</b> , van de Graaf R., Roozenbeek B., Willems H., Schonewille W., Marquering H., van den Berg R., Dippel D., Majoie C., Roos Y., Coutinho J.; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Endovascular treatment in older adults with acute ischemic stroke in the Mr Clean registry</a>	Neurology. 2020 Jul 14;95(2):e131-e139. doi: 10.1212/WNL.00000000000009764. Epub 2020 Jun 11.	<b>8.770</b>	CARIM
46	Guglielmi V., Planken R., <b>Mihl C.</b> , Niesen S., Staals J., Coutinho J., <b>Postma A.</b>	<a href="#">Non-gated cardiac CT angiography for detection of cardio-aortic sources of embolism in the acute phase of ischaemic stroke</a>	J Neurol Neurosurg Psychiatry. 2020 Apr;91(4):442-443. doi: 10.1136/jnnp-2019-321923. Epub 2020 Jan 23.	<b>8.486</b>	CARIM/MHeNs
47	Haak H., Maas M., Lahaye M., Boellaard T., Delli Pizzi A., <b>Mihl C.</b> , van der Zee D., Fabris C., van der Sande M., Melenhorst J., Beets-Tan R., Beets G., Lambregts D.	<a href="#">Selection of patients for organ preservation after chemoradiotherapy: MRI identifies poor responders who can go straight to surgery</a>	Ann Surg Oncol. 2020 Aug;27(8):2732-2739. doi: 10.1245/s10434-020-08334-8. Epub 2020 Mar 14.	<b>4.061</b>	GROW
48	Haibe-Kains B., Adam G., <b>Hosny A.</b> , Khodakarami F.; Massive Analysis Quality Control (MAQC) Society Board of Directors, Waldron L., Wang B., McIntosh C., Goldenberg A., Kundaje A., Greene C., Broderick T., Hoffman M., Leek J., Korthauer K., Huber W., Brazma A., Pineau J., Tibshirani R., Hastie T., Ioannidis J., Quackenbush J., <b>Aerts H.</b>	<a href="#">Transparency and reproducibility in artificial intelligence</a>	Nature. 2020 Oct;586(7829):E14-E16. doi: 10.1038/s41586-020-2766-y. Epub 2020 Oct 14.	<b>42.779</b>	CARIM/GROW
49	Heesch A., Maurer J., Stickeler E., Beheshti M., <b>Mottaghy F.</b> , Morgenroth A.	<a href="#">Development of radiotracers for breast cancer-the tumor microenvironment as an emerging target</a>	Cells. 2020 Oct 21;9(10):2334. doi: 10.3390/cells9102334.	<b>4.366</b>	GROW
50	Heinzel A., Marienhagen J., Yekta-Michael S., <b>Mottaghy F.</b> , Krzemien J., Lemos M.	<a href="#">Pilot study of a newly developed eLearning tool to teach CT and PET/CT in radiology and nuclear medicine</a>	Nuklearmedizin. 2020 Apr;59(2):79-84. doi: 10.1055/a-1111-8425. Epub 2020 Apr 8.	<b>1.200</b>	SHE
51	Heinzel A., <b>Mottaghy F.</b> , Brenner W., Marienhagen J.	<a href="#">[The teaching of nuclear medicine in Germany]</a>	Nuklearmedizin. 2020 Feb;59(1):38-46. doi: 10.1055/a-1011-3481. Epub 2019 Oct 10.	<b>1.200</b>	SHE
52	<b>Hendriks B., Martens B., Mihl C.</b>	<a href="#">Pre-procedural computed tomography in transcatheter pulmonary valve replacement: the first steps towards standardization of image quality</a>	Int J Cardiol Heart Vasc. 2020 Jun 7;29:100542. doi: 10.1016/j.ijcha.2020.100542. eCollection 2020 Aug.	<b>1.780</b>	CARIM
53	Hermans B., Sanduleanu S., Derks J., <b>Woodruff H.</b> , Hillen L., Casale R., Hoesein F., de Jong E., Berge D., Speel E., <b>Lambin P., Gietema H., Dingemans A.</b>	<a href="#">Exploring imaging features of molecular subtypes of large cell neuroendocrine carcinoma (LCNEC)</a>	Lung Cancer. 2020 Oct;148:94-99. doi: 10.1016/j.lungcan.2020.08.006. Epub 2020 Aug 11.	<b>4.702</b>	GROW
54	Heunis S., Lamerichs R., Zinger S., Caballero-Gaudes C., <b>Jansen J.</b> , Aldenkamp B., Breeuwer M.	<a href="#">Quality and denoising in real-time functional magnetic resonance imaging neurofeedback: a methods review</a>	Hum Brain Mapp. 2020 Aug 15;41(12):3439-3467. doi: 10.1002/hbm.25010. Epub 2020 Apr 25.	<b>4.421</b>	MHeNs

55	Heuts S., <b>Adriaans B.</b> , Rylski B., <b>Mihl C.</b> , <b>Bekkers S.</b> , Olsthoorn J., Natour E., Bouman H., Berezowski M., Kosiorowska K., Crijns H., Maessen J., <b>Wildberger J.</b> , <b>Schalla S.</b> , Sardari Nia P.	<a href="#">Evaluating the diagnostic accuracy of maximal aortic diameter, length and volume for prediction of aortic dissection</a>	Heart. 2020 Jun;106(12):892-897. doi: 10.1136/heartjnl-2019-316251. Epub 2020 Mar 8.	<b>5.213</b>	CARIM
56	<b>Hinsenveld W.</b> , de Ridder I., van Oostenbrugge R., <b>van Zwam W.</b> , Vos J., Coutinho J., Lycklama À., Nijeholt G., Boiten J., Schonewille W.; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Intravenous thrombolysis is not associated with increased time to endovascular treatment</a>	Cerebrovasc Dis. 2020;49(3):321-327. doi: 10.1159/000508898. Epub 2020 Jul 2.	<b>2.698</b>	CARIM
57	<b>Horehledova B.</b> , <b>Mihl C.</b> , <b>Boswijk E.</b> , <b>Crombag G.</b> , <b>Nijssen E.</b> , Nelemans P., Veenstra L., <b>Wildberger J.</b> , <b>Das M.</b>	<a href="#">Retrospectively ECG-gated helical vs. non-ECG-synchronized high-pitch CTA of the aortic root for TAVI planning</a>	PLoS One. 2020; 15(5): e0232673. Published online 2020 May 12. doi: 10.1371/journal.pone.0232673.	<b>2.740</b>	CARIM
58	Huynh E., Hosny A., Guthier C., Bitterman D., Petit S., Haas-Kogan D., Kann B., <b>Aerts H.</b> , Mak R.	<a href="#">Artificial intelligence in radiation oncology</a>	Nat Rev Clin Oncol. 2020 Dec;17(12):771-781. doi: 10.1038/s41571-020-0417-8. Epub 2020 Aug 25.	<b>53.276</b>	CARIM/GROW
59	<b>Jeukens C.</b> , Kütterer G., Kicken P., Frantzen M., <b>van Engelshoven J.</b> , <b>Wildberger J.</b> , <b>Kemerink G.</b>	<a href="#">Gonad shielding in pelvic radiography: modern optimised X-ray systems might allow its discontinuation</a>	Insights Imaging. 2020 Dec; 11: 15. Published online 2020 Feb 7. doi: 10.1186/s13244-019-0828-1	<b>3.579</b>	CARIM
60	Kalendralis P., Shi Z., Traverso A., Choudhury A., Sloep M., Zhovannik I., Starmans M., Grittner D., Feltens P., Monshouwer R., Klein S., Fijten R., <b>Aerts H.</b> , Dekker A., van Soest J., Wee L.	<a href="#">FAIR-compliant clinical, radiomics and DICOM metadata of RIDER, interobserver, lung1 and head-neck1 TCIA collections</a>	Med Phys. 2020 Nov;47(11):5931-5940. doi: 10.1002/mp.14322. Epub 2020 Jun 27.	<b>3.492</b>	CARIM/GROW
61	<b>Kassem M.</b> , <b>Florea A.</b> , <b>Mottaghy F.</b> , van Oostenbrugge R., <b>Kooi M.</b>	<a href="#">Magnetic resonance imaging of carotid plaques: current status and clinical perspectives</a>	Ann Transl Med. 2020 Oct;8(19):1266. doi: 10.21037/atm-2020-cass-16.	<b>3.297</b>	CARIM
62	<b>Keek S.</b> , Sanduleanu S., Wesseling F., de Roest R., van den Brekel M., van der Heijden M., Vens C., Giuseppina C., Licitra L., Scheckenbach K., Vergeer M., Leemans C., Brakenhoff R., Nauta I., Cavalieri S., <b>Woodruff H.</b> , Poli T., Leijenaar R., Hoebbers F., <b>Lambin P.</b>	<a href="#">Computed tomography-derived radiomic signature of head and neck squamous cell carcinoma (peri)tumoral tissue for the prediction of locoregional recurrence and distant metastasis after concurrent chemo-radiotherapy</a>	PLoS One. 2020 May 22;15(5):e0232639. doi: 10.1371/journal.pone.0232639. eCollection 2020.	<b>2.740</b>	GROW
63	<b>Keek S.</b> , Sanduleanu S., Wesseling F., de Roest R., van den Brekel M., van der Heijden M., Vens C., Giuseppina C., Licitra L., Scheckenbach K., Vergeer M., Leemans C., Brakenhoff R., Nauta I., Cavalieri S., <b>Woodruff H.</b> , Poli T., Leijenaar R., Hoebbers F., <b>Lambin P.</b>	<a href="#">Correction: computed tomography-derived radiomic signature of head and neck squamous cell carcinoma (peri)tumoral tissue for the prediction of locoregional recurrence and distant metastasis after concurrent chemo-radiotherapy</a>	PLoS One. 2020 Jul 28;15(7):e0237048. doi: 10.1371/journal.pone.0237048. eCollection 2020.	<b>0</b>	GROW



64	Killaars R., Preuß M., <b>de Vos N., van Berlo C., Lobbes M.</b> , van der Hulst R., Piatkowski A.	<a href="#">Clinical Assessment of Breast Volume: Can 3D Imaging Be the Gold Standard?</a>	Plast Reconstr Surg Glob Open. 2020 Nov 25;8(11):e3236. doi: 10.1097/GOX.0000000000003236. eCollection 2020 Nov.	<b>0.670</b>	GROW
65	van Kranendonk K., Treurniet K., Boers A., Berkhemer O., Coutinho J., Lingsma H., <b>van Zwam W.</b> , van der Lugt A., van Oostenbrugge R., Dippel D., Roos Y., Marquering B., Majoie C. & <b>MR CLEAN Investigators.</b>	<a href="#">Added Prognostic Value of Hemorrhagic Transformation Quantification in Patients With Acute Ischemic Stroke</a>	Front Neurol. 2020 Nov 10;11:582767. doi: 10.3389/fneur.2020.582767. eCollection 2020.	<b>2.889</b>	CARIM
66	Krdzalic J., Beets-Tan R., Engelen S., van Griethuysen J., Lahaye M., Lambregts D., <b>Bakers F.</b> , Vliegen R., Beets G., Maas M.	<a href="#">MRI predicts increased eligibility for sphincter preservation after CRT in low rectal cancer</a>	Radiother Oncol. 2020 Apr;145:223-228. doi: 10.1016/j.radonc.2020.01.014. Epub 2020 Feb 15.	<b>4.856</b>	GROW
67	Lambregts D., Maas M., Boellaard T., Pizzi A., van der Sande M., Hupkens B., Lahaye M., <b>Bakers F.</b> , Beets G., Beets-Tan R.	<a href="#">Long-term imaging characteristics of clinical complete responders during watch-and-wait for rectal cancer-an evaluation of over 1500 MRIs</a>	Eur Radiol. 2020 Jan;30(1):272-280. doi: 10.1007/s00330-019-06396-1. Epub 2019 Aug 19.	<b>4.101</b>	GROW
68	Langen K., Heinzl A., Lohmann P., <b>Mottaghy F.</b> , Galldiks N.	<a href="#">Advantages and limitations of amino acid PET for tracking therapy response in glioma patients</a>	Expert Rev Neurother. 2020 Feb;20(2):137-146. doi: 10.1080/14737175.2020.1704256. Epub 2019 Dec 18.	<b>3.743</b>	GROW
69	LeCouffe N., Kappelhof M., Treurniet K., Lingsma H., Zhang G., van den Wijngaard I., van Es A., Emmer B., Majoie C., Roos Y., Coutinho J., <b>MR CLEAN Registry Investigators</b>	<a href="#">2B, 2C, or 3: what should be the angiographic target for endovascular treatment in ischemic stroke?</a>	Stroke. 2020. PMID: 32397926 Clinical Trial.	<b>7.190</b>	CARIM
70	Lemmens C., Mees B., <b>de Haan M.</b> , Schurink G.	<a href="#">Stabilization of a steerable sheath during retrograde access to antegrade-oriented branches in complex endovascular aortic aneurysm repair</a>	J Vasc Surg Cases Innov Tech. 2020 Apr 16;6(2):288-291. doi: 10.1016/j.jvscit.2020.03.014. eCollection 2020 Jun.	<b>0.240</b>	CARIM
71	Li W., Schram M., Sörensen B., van Agtmaal M., Berendschot T., Webers C., <b>Jansen J., Backes W.</b> , Gronenschild E., Schalkwijk C., Stehouwer C., Houben A.	<a href="#">Microvascular phenotyping in the Maastricht Study: design and main findings, 2010-2018</a>	Am J Epidemiol. 2020 Sep 1;189(9):873-884. doi: 10.1093/aje/kwaa023.	<b>4.526</b>	MHeNs
72	de Ligt M., <b>Bergman M.</b> , Fuentes R., Essers H., Moonen-Kornips E., Havekes B., <b>Schrauwen-Hinderling V.</b> , Schrauwen P.	<a href="#">No effect of resveratrol supplementation after 6 months on insulin sensitivity in overweight adults: a randomized trial</a>	Am J Clin Nutr. 2020 Oct 1;112(4):1029-1038. doi: 10.1093/ajcn/nqaa125.	<b>6.766</b>	NUTRIM
73	<b>Lips L.</b> , Nelemans P., Theunissen F., Roele E., van Tongeren J., Hof J., <b>Postma A.</b>	<a href="#">The diagnostic accuracy of 1.5 T versus 3 T non-echo-planar diffusion-weighted imaging in the detection of residual or recurrent cholesteatoma in the middle ear and mastoid</a>	J Neuroradiol. 2020 Nov;47(6):433-440. doi: 10.1016/j.neurad.2019.02.013. Epub 2019 Apr 2.	<b>2.423</b>	MHeNs

74	van der Lubbe M., Vaidyanathan A., van Rompaey V., <b>Postma A.</b> , Brintjes T., Kimenai D., <b>Lambin P.</b> , van Hoof M., van de Berg R.	<a href="#">The "hype" of hydrops in classifying vestibular disorders: a narrative review</a>	J Neurol. 2020 Dec;267(Suppl 1):197-211. doi: 10.1007/s00415-020-10278-8. Epub 2020 Nov 17.	<b>3.937</b>	MHeNs
75	<b>Martens B., Wildberger J., Hendriks B.</b> , Van Kuijk S., <b>Nijssen E., Peters N.</b> , De Vos-Geelen J., <b>Mihl C.</b>	<a href="#">A solution for homogeneous liver enhancement in computed tomography: results from the Complex trial</a>	Invest Radiol. 2020 Oct;55(10):666-672. doi: 10.1097/RLI.0000000000000693.	<b>5.156</b>	CARIM
76	<b>Martens B., Hendriks B., Mihl C., Wildberger J.</b>	<a href="#">Tailoring contrast media protocols to varying tube voltages in vascular and parenchymal CT imaging: the 10-to-10 rule</a>	Invest Radiol. 2020 Oct;55(10):673-676. doi: 10.1097/RLI.0000000000000682.	<b>5.156</b>	CARIM
77	Mason N., Kuypers K., Müller F., Reckweg J., Tse D., Toennes S., Hutten N., <b>Jansen J.</b> , Stiers P., Feilding A., Ramaekers J.	<a href="#">Me, myself, bye: regional alterations in glutamate and the experience of ego dissolution with psilocybin</a>	Neuropsychopharmacology. 2020 Nov;45(12):2003-2011. doi: 10.1038/s41386-020-0718-8. Epub 2020 May 23.	<b>6.751</b>	MHeNs
78	Maurer G., Brucker D., Stoffels G., Filipski K., Filss C., <b>Mottaghy F.</b> , Galdiks N., Steinbach J., Hattingen E., Langen K.	<a href="#">18 F-FET PET imaging in differentiating glioma progression from treatment-related changes: a single-center experience</a>	J Nucl Med. 2020 Apr;61(4):505-511. doi: 10.2967/jnumed.119.234757. Epub 2019 Sep 13.	<b>7.887</b>	GROW
79	van Meenen L., Groot A., Venema E., Emmer B., Smeekes M., Kommer G., Majoie C., Roos Y., Schonewille W., Roozenbeek B., Coutinho J.; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Interhospital transfer vs. direct presentation of patients with a large vessel occlusion not eligible for IV thrombolysis</a>	J Neurol. 2020 Jul;267(7):2142-2150. doi: 10.1007/s00415-020-09812-5. Epub 2020 Apr 7.	<b>3.956</b>	CARIM
80	<b>Mentink M.</b> , Latten B., <b>Bakers F., Mihl C.</b> , Rennenberg R., Kubat B., <b>Hofman P.</b>	<a href="#">Clinical relevance of unexpected findings of post-mortem computed tomography in hospitalized patients: an observational study</a>	Int J Environ Res Public Health. 2020 Oct 18;17(20):7572. doi: 10.3390/ijerph17207572.	<b>2.468</b>	CAPHRI
81	Miseré R., Wolfs J., <b>Lobbes M.</b> , van der Hulst R. Qiu S.	<a href="#">A systematic review of magnetic resonance lymphography for the evaluation of peripheral lymphedema</a>	J Vasc Surg Venous Lymphat Disord. 2020 Sep;8(5):882-892.e2. doi: 10.1016/j.jvsv.2020.03.007. Epub 2020 May 13.	<b>3.137</b>	GROW
82	<b>de Mooij C., Sunen I., Mitea C., Lalji U., Vanwetswinkel S.</b> , Smidt M., <b>van Nijnatten T.</b>	<a href="#">Diagnostic performance of PET/computed tomography versus PET/MRI and diffusion-weighted imaging in the N- and M-staging of breast cancer patients</a>	Nucl Med Commun. 2020 Oct;41(10):995-1004. doi: 10.1097/MNM.0000000000001254.	<b>1.334</b>	GROW

83	Nieuwenhuizen, S., Puijk, R., van den Bemd, B., Aldrighetti, L., Arntz, M., van den Boezem, P., Bruynzeel, A., Burgmans, M., de Cobelli, F., Coolen, M., Dejong, C., Derks, S., Diederik, A., van Duijvendijk, P., Eker, H., Engelsman, A., Erdmann, J., Futterer, J., Geboers, B., Groot, G., Haasbeek, C., Janssen, J-J., de Jong, K., Kater, G., Kazemier, G., Kruimer, J., Leclercq, W., <b>van der Leij, C.</b> , Manusama, E., Meier, M., van der Meijs, B., Melenhorst, M., Nielsen, K., Nijkamp, M., Potters, F., Prevoo, W., Rietema, F., Ruarus, A., Ruiten, S., Schouten, E., Serafino, G., Sietses, C., Swijnenburg, R-J., Timmer, F., Versteeg, K., Vink, T., de Vries, J., de Wilt, J., Zonderhuis, B.	<a href="#">Resectability and Ablatability Criteria for the Treatment of Liver Only Colorectal Metastases: Multidisciplinary Consensus Document from the COLLISION Trial Group</a>	Cancers Basel. 2020 Jul 3;12(7):1779. doi: 10.3390/cancers12071779.	<b>6.126</b>	GROW
84	<b>Nobel J.</b> , Puts S., <b>Bakers F.</b> , <b>Robben S.</b> , Dekker A.	<a href="#">Natural language processing in Dutch free text radiology reports: challenges in a small language area staging pulmonary oncology</a>	J Digit Imaging. 2020 Aug;33(4):1002-1008. doi: 10.1007/s10278-020-00327-z.	<b>3.697</b>	SHE
85	<b>Nobel J.</b> , Kok E., <b>Robben S.</b>	<a href="#">Redefining the structure of structured reporting in radiology</a>	Insights Imaging. 2020 Feb 4;11(1):10. doi: 10.1186/s13244-019-0831-6.	<b>3.579</b>	SHE
86	Notten P., <b>Arnoldussen C.</b> , <b>Brans R.</b> , de Smet A., Tick L., van de Poel M., Wikkeling O., Vleming L., Koster A., Jie K., Jacobs E., Ebben H., Planken N., Ten Cate H., Wittens C., Ten Cate-Hoek A.	<a href="#">Association of successful ultrasound-accelerated catheter-directed thrombolysis with postthrombotic syndrome: a post hoc analysis of the CAVA trial</a>	Thromb Haemost. 2020 Aug;120(8):1188-1199. doi: 10.1055/s-0040-1713171. Epub 2020 Jun 30.	<b>4.385</b>	CARIM
87	Notten P., Ten Cate-Hoek A., <b>Arnoldussen C.</b> , Strijkers R., de Smet A., Tick L., van de Poel M., Wikkeling O., Vleming L., Koster A., Jie K., Jacobs E., Ebben H., Coppens M., Toonder I., Ten Cate H., Wittens C.	<a href="#">Ultrasound-accelerated catheter-directed thrombolysis versus anticoagulation for the prevention of post-thrombotic syndrome (CAVA): a single-blind, multicentre, randomised trial</a>	Lancet Haematol. 2020 Jan;7(1):e40-e49. doi: 10.1016/S2352-3026(19)30209-1. Epub 2019 Nov 27.	<b>10.406</b>	CARIM
88	<b>van Nijnatten T.</b> , van Tiel L., Voogd A., Groothuis-Oudshoorn C., Siesling S., <b>Lobbes M.</b>	<a href="#">The effect of breast MRI on disease-free and overall survival in breast cancer patients: a retrospective population-based study</a>	Breast Cancer Res Treat. 2020 Dec;184(3):951-963. doi: 10.1007/s10549-020-05906-w. Epub 2020 Sep.	<b>3.831</b>	GROW
89	<b>Nijssen E.</b> , Nelemans P., Rennenberg R., van der Molen A., van Ommen G., <b>Wildberger J.</b>	<a href="#">Impact on clinical practice of updated guidelines on iodinated contrast material: Cinart</a>	Eur Radiol. 2020 Jul;30(7):4005-4013. doi: 10.1007/s00330-020-06719-7. Epub 2020 Feb 27.	<b>4.101</b>	CARIM

90	Obdeijn I., Mann R., Loo C., <b>Lobbes M.</b> , Voormolen E., van Deurzen C., de Bock G., Hereditary Breast Ovarian Cancer Research Group Netherlands (HEBON), Hooning M.	<a href="#">The supplemental value of mammographic screening over breast MRI alone in BRCA2 mutation carriers</a>	Breast Cancer Res Treat. 2020; 181(3): 581–588. Published online 2020 Apr 24. doi: 10.1007/s10549-020-05642-1.	<b>3.831</b>	GROW
91	O'Farrell A., Jarzabek M., Lindner A., Carberry S., Conroy E., Miller I., Connor K., Shiels L., Zanella E., Lucantoni F., Lafferty A., White K., Meyer Villamandos M., Dicker P., Gallagher W., <b>Keek S.</b> , Sanduleanu S., <b>Lambin P.</b> , <b>Woodruff H.</b> , Bertotti A., Trusolino L., Byrne A., Prehn J.	<a href="#">Implementing systems modelling and molecular imaging to predict the efficacy of BCL-2 inhibition in colorectal cancer patient-derived xenograft models</a>	Cancers (Basel). 2020 Oct 14;12(10):2978. doi: 10.3390/cancers12102978.	<b>6.126</b>	GROW
92	Oliveira D., Stegmayr C., Heinzl A., Ermert J., Neumaier B., Shah N., <b>Mottaghy F.</b> , Langen K., Willuweit A.	<a href="#">High uptake of 68 Ga-PSMA and 18 F-DCFPyL in the peritumoral area of rat gliomas due to activated astrocytes</a>	EJNMMI Res. 2020 May 25;10(1):55. doi: 10.1186/s13550-020-00642-0.	<b>2.640</b>	GROW
93	Ospel J., Kappelhof M., Groot A., LeCouffe N., Coutinho J., Yoo A., Yo L., Beenen L., <b>van Zwam W.</b> , van der Lugt A., <b>Postma A.</b> , Roos Y., Goyal M., Majoie C.; <b>MR CLEAN Registry Investigators.</b>	<a href="#">Combined effect of age and baseline alberta stroke program early computed tomography score on post-thrombectomy clinical outcomes in the Mr Clean registry</a>	Stroke. 2020 Dec;51(12):3742-3745. doi: 10.1161/STROKEAHA.120.031773. Epub 2020 Oct 23.	<b>7.190</b>	CARIM
94	<b>Paulus A.</b> , Drude N., van Marken Lichtenbelt W., <b>Mottaghy F.</b> , <b>Bauwens M.</b>	<a href="#">Brown adipose tissue uptake of triglyceride-rich lipoprotein-derived fatty acids in diabetic or obese mice under different temperature conditions</a>	EJNMMI Res. 2020 Oct 21;10(1):127. doi: 10.1186/s13550-020-00701-6.	<b>2.640</b>	NUTRIM
95	Pauwels E., Van Binnebeek S., Vandecaveye V., Baete K., Vanbilloen H., Koole M., <b>Mottaghy F.</b> , Haustermans K., Clement P., Nackaerts K., Van Cutsem E., Verslype C., Deroose C.	<a href="#">Inflammation-based index and 68 Ga-DOTATOC PET-derived uptake and volumetric parameters predict outcome in neuroendocrine tumor patients treated with 90 Y-dotatoc</a>	J Nucl Med. 2020 Jul;61(7):1014-1020. doi: 10.2967/jnumed.119.236935. Epub 2019 Dec 5.	<b>7.887</b>	GROW
96	Peeters F., Dudink E., Weijs B., Fabritz L., Chua W., Kietselaer B., <b>Wildberger J.</b> , Meex S., Kirchhof P., Crijns H., Schurgers L.	<a href="#">Biomarkers associated with aortic valve calcification: should we focus on sex specific processes?</a>	Front Cell Dev Biol. 2020 Jul 10;8:604. doi: 10.3389/fcell.2020.00604. eCollection 2020.	<b>5.186</b>	CARIM
97	<b>Pirson F.</b> , <b>Hinsenveld W.</b> , Staals J., de Ridder I., <b>van Zwam W.</b> , Schreuder T., Roos Y., Majoie C., van der Worp H., Uyttenboogaart M., Lycklama À Nijeholt G., Schonewille W., van Oostenbrugge R.	<a href="#">Peripheral artery disease in acute ischemic stroke patients treated with endovascular thrombectomy; results from the Mr Clean registry</a>	Front Neurol. 2020 Oct 7;11:560300. doi: 10.3389/fneur.2020.560300. eCollection 2020.	<b>2.889</b>	CARIM

98	<b>Pirson F.</b> , van Oostenbrugge R., <b>van Zwam W.</b> , Remmers M., Dippel D., van Es A., van den Wijngaard I., Schonewille W., Staals J.	<a href="#">Repeated endovascular thrombectomy in patients with acute ischemic stroke: results from a nationwide multicenter database</a>	Stroke. 2020 Feb;51(2):526-532. doi: 10.1161/STROKEAHA.119.027525. Epub 2019 Dec 23.	7.190	CARIM
99	Považan M., Mikkelsen M., Berrington A., Bhattacharyya P., Brix M., Buur P., Cecil K., Chan K., Chen D., Craven A., Cuypers K., Dacko M., Duncan N., Dydak U., Edmondson D., Ende G., Ersland L., Forbes M., Gao F., Greenhouse I., Harris A., He N., Heba S., Hoggard N., Hsu T., <b>Jansen J.</b> , Kangarlu A., Lange T., Lebel R., Li Y., Lin C., Liou J., Lirng J., Liu F., Long J., Ma R., Maes C., Moreno-Ortega M., Murray S., Noah S., Noeske R., Noseworthy M., Oeltzschner G., Porges E., Prisciandaro J., Puts N., Roberts T., Sack M., Sailasuta N., Saleh M., Schallmo M., Simard N., Stoffers D., Swinnen S., Tegenthoff M., Truong P., Wang G., Wilkinson ., Wittreck H., Woods A., Yu	<a href="#">Comparison of multivendor single-voxel Mr Spectroscopy data acquired in healthy brain at 26 sites</a>	Radiology. 2020 Apr;295(1):171-180. doi: 10.1148/radiol.2020191037. Epub 2020 Feb 11.	7.931	MHeNs
100	Prokop M., van Everdingen W., van Rees Vellinga T., van Ufford J., Stöger L., Beenen L., Geurts B., <b>Gietema H.</b> , Krdzalic J., Schaefer-Prokop C., van Ginneken B., Brink M., for The “COVID-19 Standardized Reporting” Working Group of the Dutch Radiological Society.	<a href="#">CO-RADS – a categorical CT assessment scheme for patients with suspected COVID-19: definition and evaluation</a>	Radiology. 2020 Apr 27 : 201473. Published online 2020 Apr 27. doi: 10.1148/radiol.2020201473.	7.931	GROW

101	Puylaert C., Scheijmans J., Borgstein A., Andeweg C., Bartels-Rutten A., Beets G., Henegouwen M., Braak S., Couvreur R., Daams F., van Es H., Franken L., Grotenhuis B., Hendriks E., de Hingh I., Hoeijmakers F., Ten Holder J., Huisman P., Kazemier G., van Kesteren F., van Kesteren J., Keywani K., Kuiper S., Lange M., Lobatto M., Mée A., Poeze M., van Praag E., van Rossen J., van Santvoort H., Sedee W., Seelen L., Sharabiany S., Sosef N., Qunajel M., Veltman J., Verhagen T., van de Vlasakker V., Weeder P., van Werven J., Wesdorp N., van Dieren S., Han A., Russell C., de Jong M., Bossuyt P., Ufford J., Prokop M., Gisbertz S., Prins J., Besselink M., <b>Boermeester M., Gietema</b>	<a href="#">Yield of screening for COVID-19 in asymptomatic patients prior to elective or emergency surgery using chest CT and RT-PCR (Scout): multicenter study</a>	Ann Surg 2020. Dec;272 (6): 919-924. doi: 10.1097/SLA.0000000000004218.	10.130	GROW
102	Ramos L., Kappelhof M., van Os H., Chalos V., Van Kranendonk K., Kruyt N., Roos Y., van der Lugt A., <b>van Zwam W.</b> , van der Schaaf I., Zwinderman A., Strijkers G., van Walderveen M., Wermer M., Olabariaga S., Majoie C., Marquering H.	<a href="#">Predicting poor outcome before endovascular treatment in patients with acute ischemic stroke</a>	Front Neurol. 2020 Oct 15;11:580957. doi: 10.3389/fneur.2020.580957. eCollection 2020.	2.889	CARIM
103	<b>Refaee T.</b> , Wu G., <b>Ibrahim A.</b> , Halilaj I., Leijenaar R., Rogers W., <b>Gietema H.</b> , Hendriks L., <b>Lambin P.</b> , <b>Woodruff H.</b>	<a href="#">The emerging role of radiomics in COPD and lung cancer</a>	Respiration. 2020;99(2):99-107. doi: 10.1159/000505429. Epub 2020 Jan 28.	3.322	GROW
104	Remie C., <b>Roumans K.</b> , Moonen M., Connell N., Havekes B., <b>Mevenkamp J.</b> , <b>Lindeboom L.</b> , <b>de Wit V.</b> , <b>van de Weijer T.</b> , Aarts S., Lutgens E., Schomakers B., Elfrink H., Zapata-Pérez R., Houtkooper R., Auwerx J., Hoeks J., <b>Schrauwen-Hinderling V.</b> , Phielix E., Schrauwen P.	<a href="#">Nicotinamide riboside supplementation alters body composition and skeletal muscle acetylcarnitine concentrations in healthy obese humans</a>	Am J Clin Nutr. 2020 Aug 1;112(2):413-426. doi: 10.1093/ajcn/nqaa072.	6.766	NUTRIM
105	Rensma S., Stehouwer C., Van Boxtel M., Houben A., Berendschot T., <b>Jansen J.</b> , Schalkwijk C., Verhey F., Kroon A., Henry R., <b>Backes W.</b> , Dagnelie P., van Dongen M., Eussen S., Bosma H., Köhler S., Reesink K., Schram M., van Sloten T.	<a href="#">Associations of arterial stiffness with cognitive performance, and the role of microvascular dysfunction: The Maastricht Study</a>	Hypertension. 2020 Jun;75(6):1607-1614. doi: 10.1161/HYPERTENSIONAHA.119.14307. Epub 2020 Apr 10.	7.713	MHeNs

106	Rensma S., van Sloten T., Houben A., Köhler S., van Boxtel M., Berendschot T., <b>Jansen J.</b> , Verhey F., Kroon A., Koster A., <b>Backes W.</b> , Schaper N., Dinant G., Schalkwijk C., Henry R., Wolfs E., van Heumen M., Schram M., Stehouwer C.	<a href="#">Microvascular dysfunction is associated with worse cognitive performance: The Maastricht Study</a>	Hypertension. 2020 Jan;75(1):237-245. doi: 10.1161/HYPERTENSIONAHA.119.13023. Epub 2019 Nov 18.	<b>7.713</b>	MHeNs
107	Reymen B., van Gisbergen M., Even A., Zegers C., <b>Das M.</b> , Vegt E., <b>Wildberger J.</b> , <b>Mottaghy F.</b> , Yaromina A., Dubois L., van Elmpst W., De Ruyscher D., <b>Lambin P.</b>	<a href="#">Nitroglycerin as a radiosensitizer in non-small cell lung cancer: results of a prospective imaging-based phase II trial</a>	Clin Transl Radiat Oncol. 2020 Mar; 21: 49–55. Published online 2019 Dec 13. doi: 10.1016/j.ctro.2019.12.002	<b>2.737</b>	GROW
108	Richard, G., Kolskar, K., Ulrichsen, K., Kaufmann, T., Alnaes, D., Sanders, A-M., Dorum, E., <b>Sanchez, J.</b> , Petersen, A., Ihle-Hansen, H., Nordvik, J., Westlye, L.	<a href="#">Brain age prediction in stroke patients: Highly reliable but limited sensitivity to cognitive performance and response to cognitive training</a>	Neuroimage Clin. 2020;25:102159. doi: 10.1016/j.nicl.2019.102159. Epub 2019 Dec 30.	<b>4.350</b>	MHeNs
109	Rinkel L., Nguyen T., Guglielmi V., Groot A., Posthuma L., Roos Y., Majoie C., Lycklama À Nijeholt G., Emmer B., van der Worp H., Wermer M., Kruyt N., Coutinho J., Multicenter Randomized Clinical Trial of Endovascular Treatment of Acute Ischemic Stroke in the Netherlands ( <b>MR CLEAN</b> ) Registry Investigators	<a href="#">High admission glucose is associated with poor outcome after endovascular treatment for ischemic stroke</a>	Stroke. 2020 Nov;51(11):3215-3223. doi: 10.1161/STROKEAHA.120.029944. Epub 2020 Oct 15.	<b>7.190</b>	CARIM
110	Rix A., Drude N., Mrugalla A., Baskaya F., Pak K., Gray B., Kaiser H., Tolba R., Fiegle E., Lederle W., <b>Mottaghy F.</b> , Kiessling F.	<a href="#">Assessment of chemotherapy-induced organ damage with Ga-68 labeled Duramycin</a>	Mol Imaging Biol. 2020 Jun;22(3):623-633. doi: 10.1007/s11307-019-01417-3.	<b>2.925</b>	GROW
111	Rix A., Drude N., Mrugalla A., <b>Mottaghy F.</b> , Tolba R., Kiessling F.	<a href="#">Performance of severity parameters to detect chemotherapy-induced pain and distress in mice</a>	Lab Anim. 2020 Oct;54(5):452-460. doi: 10.1177/0023677219883327. Epub 2019 Oct 29.	<b>9.600</b>	GROW
112	Robben D., Boers A., Marquering H., Langezaal L., Roos Y., van Oostenbrugge R., <b>van Zwam W.</b> , Dippel D., Majoie C., van der Lugt A., Lemmens R., Suetens P.	<a href="#">Prediction of final infarct volume from native CT perfusion and treatment parameters using deep learning</a>	Med Image Anal. 2020 Jan;59:101589. doi: 10.1016/j.media.2019.101589. Epub 2019 Oct 15.	<b>15.583</b>	CARIM
113	Rogers W., Thulasi Seetha S., <b>Refaee T.</b> , Lieveise R., <b>Granzier R.</b> , <b>Ibrahim A.</b> , <b>Keek S.</b> , Sanduleanu S., Primakov S., Beuque M., Marcus D., van der Wiel A., Zerka F., Oberije C., van Timmeren J., <b>Woodruff H.</b> , <b>Lambin P.</b>	<a href="#">Radiomics: from qualitative to quantitative imaging</a>	Br J Radiol. 2020 Apr;93(1108):20190948. doi: 10.1259/bjr.20190948. Epub 2020 Feb 26.	<b>2.196</b>	GROW

114	<b>Roumans K., Lindeboom L., Veeraiah P.,</b> Remie C., Phielix E., Havekes B., <b>Bruls Y.,</b> Brouwer M., Ståhlman M., Alsema M., Peters H., de Mutsert R., Staels B., Taskinen M., Borén J., Schrauwen P., <b>Schrauwen-Hinderling V.</b>	<a href="#">Hepatic saturated fatty acid fraction is associated with de novo lipogenesis and hepatic insulin resistance</a>	Nat Commun. 2020; 11: 1891. Published online 2020 Apr 20. doi: 10.1038/s41467-020-15684-0.	<b>12.121</b>	NUTRIM
115	Saba L., Moody A., Saam T., <b>Kooi M.,</b> Wasserman B., Staub D., van der Lugt A., DeMarco J., Saloner D., Wintermark M., Gupta A.	<a href="#">Vessel wall-imaging biomarkers of carotid plaque vulnerability in stroke prevention trials: a viewpoint from the Carotid imaging Consensus Group</a>	JACC Cardiovasc Imaging. 2020 Nov;13(11):2445-2456. doi: 10.1016/j.jcmg.2020.07.046.	<b>11.323</b>	CARIM
116	Sahnoun S., Conen P., <b>Mottaghy F.</b>	<a href="#">The battle on time, money and precision: Da[ 18 F] id vs. [ 68 Ga]liath</a>	Eur J Nucl Med Mol Imaging. 2020 Dec;47(13):2944-2946. doi: 10.1007/s00259-020-04961-1.	<b>7.081</b>	GROW
117	Saldarriaga Vargas C., <b>Bauwens M., Pooters I.,</b> Pommé S., Peters S., Segbers M., Jentzen W., Vogg A., van Velden F., Meyer Viol S., Gotthardt M., <b>Mottaghy F., Wildberger J.,</b> Covens P., <b>Wierds R.</b>	<a href="#">An international multi-center investigation on the accuracy of radionuclide calibrators in nuclear medicine theragnostics</a>	EJNMMI Phys. 2020 Nov 23;7(1):69. doi: 10.1186/s40658-020-00338-3.	<b>2.574</b>	GROW
118	Sales Barros R., Tolhuisen M., Boers A., Jansen I., Ponomareva E., Dippel D., van der Lugt A., van Oostenbrugge R., <b>van Zwam W.,</b> Berkhemer O., Goyal M., Demchuk A., Menon B., Mitchell P., Hill M., Jovin T., Davalos A., Campbell B., Saver J., Roos Y., Muir K., White P., Bracard S., Guillemin F., Olabarriga S., Majoie C., Marquering H.	<a href="#">Automatic segmentation of cerebral infarcts in follow-up computed tomography images with convolutional neural networks</a>	J Neurointerv Surg. 2020 Sep;12(9):848-852. doi: 10.1136/neurintsurg-2019-015471. Epub 2019 Dec 23.	<b>4.460</b>	CARIM
119	<b>Samiei S., van Nijnatten T.,</b> de Munck L., Keymeulen K., Simons J., Kooreman L., Siesling S., <b>Lobbes M.,</b> Smidt M.	<a href="#">Correlation between pathologic complete response in the breast and absence of axillary lymph node metastases after neoadjuvant systemic therapy</a>	Ann Surg. 2020 Mar;271(3):574-580. doi: 10.1097/SLA.0000000000003126.	<b>10.130</b>	GROW
120	<b>Samiei S.,</b> Smidt M., <b>Vanwetswinkel S.,</b> Engelen S., Schipper R., <b>Lobbes M., van Nijnatten T.</b>	<a href="#">Diagnostic performance of standard breast MRI compared to dedicated axillary MRI for assessment of node-negative and node-positive breast cancer</a>	Eur Radiol. 2020 Aug;30(8):4212-4222. doi: 10.1007/s00330-020-06760-6. Epub 2020 Mar 27.	<b>4.101</b>	GROW
121	van der Meer, D., Frei, O., Kaufmann, T., Chen, C-H., Thompson, W., O'Connell, K., <b>Sanchez, J.,</b> Linden, D., Westlye, L., Dale, A., Andreassen, O.	<a href="#">Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area</a>	Cereb Cortex. 2020 Sep 3;30(10):5597-5603. doi: 10.1093/cercor/bhaa146.	<b>5.043</b>	MHeNs
122	Sanduleanu S., Wiel A., Lieverse R., Marcus D., <b>Ibrahim A.,</b> Primakov S., Wu G., Theys J., Yaromina A., Dubois L., <b>Lambin P.</b>	<a href="#">Hypoxia PET imaging with [18F]-HX4-A promising next-generation tracer</a>	Cancers (Basel). 2020 May 22;12(5):1322. doi: 10.3390/cancers12051322.	<b>6.126</b>	GROW



123	Sanduleanu S., Jochems A., Upadhaya T., Even A., Leijenaar R., Dankers F., Klaassen R., <b>Woodruff H.</b> , Hatt M., Kaanders H., Hamming-Vrieze O., van Laarhoven H., Subramiam R., H Huang S., O'Sullivan B., Bratman S., Dubois L., <b>Miclea R.</b> , Di Perri D., Geets X., Crispin-Ortuzar M., Apte A., Deasy J., Hun Oh J., Lee N., Humm J., Schöder H., De Ruyscher D., Hoebbers F., <b>Lambin P.</b>	<a href="#">Non-invasive imaging prediction of tumor hypoxia: a novel developed and externally validated CT and FDG-PET-based radiomic signatures</a>	Radiother Oncol. 2020 Dec;153:97-105. doi: 10.1016/j.radonc.2020.10.016. Epub 2020 Nov 1.	<b>4.856</b>	GROW
124	Sanduleanu S., Hamming-Vrieze O., Wesseling F., Even A., Hoebbers F., Hoeben A., Vogel W., Tesselaar M., Parvin D., Bartelink H., <b>Lambin P.</b>	<a href="#">[ 18 F]-HX4 PET/CT hypoxia in patients with squamous cell carcinoma of the head and neck treated with chemoradiotherapy: prognostic results from two prospective trials</a>	Clin Transl Radiat Oncol. 2020 Apr 18;23:9-15. doi: 10.1016/j.ctro.2020.04.004. eCollection 2020 Jul.	<b>2.737</b>	GROW
125	Sardanelli F., Trimboli R., Houssami N., Gilbert F., Helbich T., Alvarez Benito M., Balleyguier C., Bazzocchi M., Bult P., Calabrese M., Camps Herrero J., Cartia F., Cassano E., Clauser P., de Andrade D., de Lima Docema M., Depretto C., Forrai G., Girometti R., Harms S., Hilborne S., Ienzi R., <b>Lobbes M.</b> , Losio C., Mann R., Montemezzi S., Obdeijn I., Ozcan U., Pediconi F., Preibsch H., Raya-Povedano J., Sacchetto D., Scaperrotta G., Schlooz M., Szabo B., Ulus O., Taylor D., Van Goethem M., Veltman J., Weigel S., Wenkel E., Zuiani C., Di Leo G.	<a href="#">Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study</a>	Eur Radiol. 2020 Oct;30(10):5427-5436. doi: 10.1007/s00330-020-06824-7. Epub 2020 May 6.	<b>4.101</b>	GROW
126	Schindler A., Schinner R., Altaf N., Hosseini A., Simpson R., Esposito-Bauer L., Singh N., Kwee R., Kurosaki Y., Yamagata S., Yoshida K., Miyamoto S., Maggisano R., Moody A., Poppert H., <b>Kooi M.</b> , Auer D., Bonati L., Saam T.	<a href="#">Prediction of stroke risk by detection of hemorrhage in carotid plaques: meta-analysis of individual patient data</a>	JACC Cardiovasc Imaging. 2020 Feb;13(2 Pt 1):395-406. doi: 10.1016/j.jcmg.2019.03.028. Epub 2019 Jun 12.	<b>11.323</b>	CARIM
127	Schurink N., Min L., Berbee M., van Elmpt W., van Griethuysen J., <b>Bakers F.</b> , Roberti S., van Kranen S., Lahaye M., Maas M., Beets G., Beets-Tan R., Lambregts D.	<a href="#">Value of combined multiparametric MRI and FDG-PET/CT to identify well-responding rectal cancer patients before the start of neoadjuvant chemoradiation</a>	Eur Radiol. 2020 May;30(5):2945-2954. doi: 10.1007/s00330-019-06638-2. Epub 2020 Feb 7.	<b>4.101</b>	GROW

128	Schwerz S., Mueller M., Lindemann-Docter K., Heinzl A., <b>Mottaghy F.</b> , Beheshti M.	<a href="#">Hepatic candidiasis mimicking lymphoma on 18 F-FDG PET/CT in a patient with T cell lymphoma</a>	Eur J Nucl Med Mol Imaging. 2020 Nov;47(12):2925-2926. doi: 10.1007/s00259-020-04824-9. Epub 2020 Apr 26.	<b>7.081</b>	GROW
129	Simons J., Maaskant-Braat A., Luiten E., Leidenius M., <b>van Nijnatten T.</b> , Boelens P., Koppert L., van der Pol C., van de Velde C., Audisio R., Smidt M.	<a href="#">Patterns of axillary staging and management in clinically node positive breast cancer patients treated with neoadjuvant systemic therapy: results of a survey amongst breast cancer specialists</a>	Eur J Surg Oncol. 2020 Jan;46(1):53-58. doi: 10.1016/j.ejso.2019.08.012. Epub 2019 Aug 13.	<b>4.043</b>	GROW
130	Simons J., Maaskant-Braat A., Luiten E., Leidenius M., <b>van Nijnatten T.</b> , Boelens P., Koppert L., van der Pol C., van de Velde C., Audisio R., Smidt M.	<a href="#">Reply to: Sentinel node biopsy after neoadjuvant chemotherapy for breast cancer in patients with pre-treatment node-positive: recommendation to optimize the performance</a>	Eur J Surg Oncol. 2020 Jan;46(1):218-219. doi: 10.1016/j.ejso.2019.10.022. Epub 2019 Oct 22.	<b>4.043</b>	GROW
131	Smaal J., de Ridder I., Heshmatollah A., <b>van Zwam W.</b> , Dippel D., Majoie C., Brown S., Goyal M., Campbell B., Muir K., Demchuck A., Davalos A., Jovin T., Mitchell P., White P., Saver J., Hill M., Roos Y., van der Lugt A., van Oostenbrugge R.; HERMES collaboration.	<a href="#">Effect of atrial fibrillation on endovascular thrombectomy for acute ischemic stroke. A meta-analysis of individual patient data from six randomised trials: results from the Hermes collaboration</a>	Eur Stroke J. 2020 Sep;5(3):245-251. doi: 10.1177/2396987320923447. Epub 2020 May 13.	<b>1.770</b>	CARIM
132	Smith-Bindman R, Chu P, Wang Y, Chung R, Lopez-Solano N, Einstein A, Solberg L, Cervantes L, Yellen-Nelson T, Boswell W, Delman B, Duong P-A, Goode A, Kasraie N, Lee R, Neill R, Pahwa A, Pike P, Roehm J, Schindera S, Starkey J, Suntharalingam S, <b>Jeukens C</b> , Miglioretti D.	<a href="#">Comparison of the Effectiveness of Single-Component and Multicomponent Interventions for Reducing Radiation Doses in Patients Undergoing Computed Tomography: A Randomized Clinical Trial</a>	Jama Intern Med. 2020 May 1;180(5):666-675. doi: 10.1001/jamainternmed.2020.0064.	<b>18.652</b>	CARIM
133	Spooren C., <b>Lodewick T.</b> , Beelen E., van Dijk D., Bours M., Haans J., Masclee A., Pierik M., <b>Bakers F.</b> , Jonkers D.	<a href="#">The reproducibility of skeletal muscle signal intensity on routine magnetic resonance imaging in Crohn's disease</a>	J Gastroenterol Hepatol. 2020 Nov;35(11):1902-1908. doi: 10.1111/jgh.15068. Epub 2020 Apr 27.	<b>3.437</b>	GROW
134	Stultiens J., <b>Postma A.</b> , Guinand N., Pérez Fornos A., Kingma H., van de Berg R.	<a href="#">Vestibular implantation and the feasibility of fluoroscopy-guided electrode insertion</a>	Otolaryngol Clin North Am. 2020 Feb;53(1):115-126. doi: 10.1016/j.otc.2019.09.006. Epub 2019 Oct 31.	<b>1.791</b>	MHeNs
135	Su J., Wolff L., van Es A., <b>van Zwam W.</b> , Majoie C., Dippel D., van der Lugt A., Niessen W., Van Walsum T.	<a href="#">Automatic Collateral Scoring From 3D CTA Images</a>	IEEE Trans Med Imaging. 2020 Jun;39(6):2190-2200. doi: 10.1109/TMI.2020.2966921. Epub 2020 Jan 15.	<b>9.710</b>	CARIM

136	Tas J., van Gassel R., Heines S., Mulder M., Heijnen N., Acampo-de Jong M., Bels J., Bennis F., Koelmann M., Groven R., Donkers M., van Rosmalen F., Hermans B., Meex S., Mingels A., Bekers O., Savelkoul P., Oude Lashof A., <b>Wildberger J.</b> , Tijssen F., Buhre W., Sels J., Ghossein-Doha C., Driessen R., Kubben P., Janssen M., Nicolaes G., Strauch U., Geyik Z., Delnoij T., Walraven K., Stehouwer C., Verbunt J., van Mook W., Santen S., Schnabel R., Aries M., van de Poll M., Bergmans D., van der Horst I., van Kuijk S., van Bussel B.	<a href="#">Serial measurements in COVID-19-induced acute respiratory disease to unravel heterogeneity of the disease course: design of the Maastricht Intensive Care COVID cohort (MaastrICChT)</a>	BMJ Open. 2020 Sep 29;10(9):e040175.doi: 10.1136/bmjopen-2020-040175.	<b>2.496</b>	CARIM
137	<b>Timmer V., Kroonenburgh A., Henneman W.</b> , Vaassen L., <b>Roele E.</b> , Kessler P., <b>Postma A.</b>	<a href="#">Detection of bone marrow edema in the head and neck with dual-energy CT: ready for clinical use?</a>	AJR Am J Roentgenol. 2020 Apr;214(4):893-899. doi: 10.2214/AJR.19.21881. Epub 2020 Feb 11.	<b>3.013</b>	MHeNs
138	Tolhuisen M., Ponomareva E., Boers A., Jansen I., Koopman M.S, Barros R., Berkhemer O., <b>van Zwam W.</b> , van der Lugt A., Majoie, C., Marquering H.	<a href="#">A Convolutional Neural Network for Anterior Intra-Arterial Thrombus Detection and Segmentation on Non-Contrast Computed Tomography of Patients with Acute Ischemic Stroke</a>	Appl Sci Basel. 2020;10(14):4861. doi: 10.3390/app10144861.	<b>2.474</b>	CARIM
139	<b>Veeraiah P., Brouwers K., Wildberger J., Schrauwen-Hinderling V., Lindeboom L.</b>	<a href="#">Application of a Bilinear Rotation Decoupling (BIRD) filter in combination with J-difference editing for indirect 13 C measurements in the human liver</a>	Magn Reson Med. 2020 Dec;84(6):2911-2917. doi: 10.1002/mrm.28394. Epub 2020 Jul 3.	<b>3.635</b>	NUTRIM
140	<b>Vergoossen L., Jansen J., Backes W.</b> , Schram M.	<a href="#">Cardiometabolic determinants of early and advanced brain alterations: insights from conventional and novel MRI techniques</a>	Neurosci Biobehav Rev. 2020 Aug;115:308-320. doi: 10.1016/j.neubiorev.2020.04.001. Epub 2020 May 19.	<b>8.329</b>	MHeNs
141	<b>Vergoossen L.</b> , Schram M., <b>de Jong J.</b> , Stehouwer C., Schaper N., Henry R., van der Kallen C., Dagnelie P., van Boxtel M., Eussen S., <b>Backes W., Jansen J.</b>	<a href="#">White matter connectivity abnormalities in prediabetes and type 2 diabetes: The Maastricht Study</a>	Diabetes Care. 2020 Jan;43(1):201-208. doi: 10.2337/dc19-0762. Epub 2019 Oct 10.	<b>16.019</b>	MHeNs
142	<b>Verheggen I., de Jong J.</b> , van Boxtel M., <b>Postma A., Jansen J.</b> , Verhey F., <b>Backes W.</b>	<a href="#">Imaging the role of blood-brain barrier disruption in normal cognitive ageing</a>	Geroscience. 2020 Dec;42(6):1751-1764. doi: 10.1007/s11357-020-00282-1. Epub 2020 Oct 6.	<b>6.444</b>	MHeNs/CARIM
143	<b>Verheggen I., de Jong J.</b> , van Boxtel M., Gronenschild E., <b>Palm W., Postma A., Jansen J.</b> , Verhey F., <b>Backes W.</b>	<a href="#">Increase in blood-brain barrier leakage in healthy, older adults</a>	Geroscience. 2020 Aug;42(4):1183-1193. doi: 10.1007/s11357-020-00211-2. Epub 2020 Jun 29.	<b>6.444</b>	MHeNs

144	<b>Verheggen I., de Jong J.,</b> van Boxtel M., <b>Postma A.,</b> Verhey F., <b>Jansen J., Backes W.</b>	<a href="#">Permeability of the windows of the brain: feasibility of dynamic contrast-enhanced MRI of the circumventricular organs</a>	Fluids Barriers CNS. 2020 Oct 28;17(1):66. doi: 10.1186/s12987-020-00228-x.	<b>4.470</b>	MHeNs
145	Vingerhoets C., Tse D., van Oudenaren M., Hernaus D., van Duin E., Zinkstok J., Ramaekers J., <b>Jansen J.,</b> McAlonan G., van Amelsvoort T.	<a href="#">Glutamatergic and GABAergic reactivity and cognition in 22q11.2 deletion syndrome and healthy volunteers: a randomized double-blind 7-Tesla pharmacological MRS study</a>	J Psychopharmacol. 2020 Aug;34(8):856-863. doi: 10.1177/0269881120922977. Epub 2020 May 25.	<b>3.121</b>	MHeNs
146	Wiegers E., Mulder M., Jansen I., Venema E., Compagne K., Berkhemer O., Emmer B., Marquering H., van Es A., Sprengers M., <b>van Zwam W.,</b> van Oostenbrugge R., Roos Y., Majoie C., Roozenbeek B., Lingsma H., Dippel D., van der Lugt A.; <b>MR CLEAN Trial and MR CLEAN Registry Investigators.</b>	<a href="#">Clinical and imaging determinants of collateral status in patients with acute ischemic stroke in Mr Clean trial and registry</a>	Stroke. 2020 May;51(5):1493-1502. doi: 10.1161/STROKEAHA.119.027483. Epub 2020 Apr 13.	<b>7.190</b>	CARIM
147	Wiegers E., Compagne K., Janssen P., Venema E., Deckers J., Schonewille W., Albert Vos J., Lycklama À., Nijeholt G., Roozenbeek B., Martens J., Hofmeijer J., van Oostenbrugge R., <b>van Zwam W.,</b> Majoie C., van der Lugt A., Lingsma H., Roos Y., Dippel D.; <b>MR CLEAN Registry Collaborators.</b>	<a href="#">Path from clinical research to implementation: endovascular treatment of ischemic stroke in the Netherlands</a>	Stroke. 2020 Jul;51(7):1941-1950. doi: 10.1161/STROKEAHA.119.026731. Epub 2020 Jun 17.	<b>7.190</b>	CARIM
148	<b>Wildberger J.,</b> Prokop M.	<a href="#">Hounsfield's Legacy</a>	Invest Radiol. 2020 Sep;55(9):556-558. doi: 10.1097/RLI.0000000000000680.	<b>5.156</b>	CARIM
149	<b>de Wit-Verheggen V.,</b> Altintas S., Spee R., <b>Mihl C.,</b> van Kuijk S., <b>Wildberger J., Schrauwen-Hinderling V.,</b> Kietselaer B., <b>van de Weijer T.</b>	<a href="#">Pericardial fat and its influence on cardiac diastolic function</a>	Cardiovasc Diabetol. 2020 Aug 17;19(1):129. doi: 10.1186/s12933-020-01097-2.	<b>7.332</b>	CARIM/NUTRIM
150	Wolters A., Moonen A., Lopes R., Leentjens A., Duits A., Defebvre L., Delmaire C., <b>Hofman P.,</b> van Bussel F., Dujardin K.	<a href="#">Grey matter abnormalities are associated only with severe cognitive decline in early stages of Parkinson's disease</a>	Cortex. 2020 Feb;123:1-11. doi: 10.1016/j.cortex.2019.09.015. Epub 2019 Oct 24.	<b>4.009</b>	MHeNs
151	Wolters A., Heijmans M., Michielse S., Leentjens A., <b>Postma A., Jansen J.,</b> Ivanov D., Duits A., Temel Y., Kuijf M.	<a href="#">The TRACK-PD study: protocol of a longitudinal ultra-high field imaging study in Parkinson's disease</a>	BMC Neurol. 2020 Aug 5;20(1):292. doi: 10.1186/s12883-020-01874-2.	<b>2.356</b>	MHeNs
152	<b>Wong S., Backes W., Drenthen G.,</b> Zhang C., <b>Voorter P.,</b> Staals J., van Oostenbrugge R., <b>Jansen J.</b>	<a href="#">Spectral diffusion analysis of intravoxel incoherent motion MRI in cerebral small vessel disease</a>	J Magn Reson Imaging. 2020 Apr; 51(4): 1170–1180. Published online 2019 Sep 4. doi: 10.1002/jmri.26920	<b>3.954</b>	MHeNs

153	Wouters K., Kusters Y., Bijnen M., Wetzels S., Zhang X., Linssen P., Gaens K., Houben A., Joris P., Plat J., <b>Kooi M.</b> , van der Kallen C., Mensink R., Verboven K., Jocken J., Hansen D., Blaak E., Ehlers F., Wieten L., Greve J., Rensen S., Stehouwer C., Schalkwijk C.	<a href="#">NK cells in human visceral adipose tissue contribute to obesity-associated insulin resistance through low-grade inflammation</a>	Clin Transl Med. 2020 Oct;10(6):e192. doi: 10.1002/ctm2.192.	<b>7.919</b>	CARIM
154	Wu G., Yang P., Xie Y., <b>Woodruff H.</b> , Rao X., Guiot J., Frix A., Louis R., Moutschen M., Li J., Li J., Yan C., Du D., Zhao S., Ding Y., Liu B., Sun W., Albarello F., D'Abramo A., Schininà V., Nicastrì E., Occhipinti M., Barisione G., Barisione E., Halilaj I., Lovinfosse P., Wang X., Wu J., <b>Lambin P.</b>	<a href="#">Development of a clinical decision support system for severity risk prediction and triage of COVID-19 patients at hospital admission: an international multicentre study</a>	Eur Respir J. 2020 Aug 20;56(2):2001104. doi: 10.1183/13993003.01104-2020. Print 2020 Aug.	<b>12.339</b>	GROW
155	Wu G., <b>Woodruff H.</b> , Shen J., <b>Refae T.</b> , Sanduleanu S., <b>Ibrahim A.</b> , Leijenaar R., Wang R., Xiong J., Bian J., Wu J., <b>Lambin P.</b>	<a href="#">Diagnosis of invasive lung adenocarcinoma based on chest CT radiomic features of part-solid pulmonary nodules: a multicenter study</a>	Radiology. 2020 Nov;297(2):451-458. doi: 10.1148/radiol.2020192431. Epub 2020 Aug 25.	<b>7.931</b>	GROW
156	Wu G., <b>Woodruff H.</b> , Sanduleanu S., <b>Refae T.</b> , Jochems A., Leijenaar R., <b>Gietema H.</b> , Shen J., Wang R., Xiong J., Bian J., Wu J., <b>Lambin P.</b>	<a href="#">Preoperative CT-based radiomics combined with intraoperative frozen section is predictive of invasive adenocarcinoma in pulmonary nodules: a multicenter study</a>	Eur Radiol. 2020; 30(5):2680-2691. Published online 2020 Jan 31. doi: 10.1007/s00330-019-06597-8	<b>4.101</b>	GROW
157	Wulan S., <b>Schrauwen-Hinderling V.</b> , Westerterp K., Plasqui G.	<a href="#">Substrate utilization and metabolic profile in response to overfeeding with a high-fat diet in South Asian and white men: a sedentary lifestyle study</a>	Int J Obes (Lond). 2020 Jan;44(1):136-146. doi: 10.1038/s41366-019-0368-2. Epub 2019 Apr 30.	<b>4.419</b>	NUTRIM
158	Yazar O., Mees B., Provoost A., Ketting S., <b>de Haan M.</b> , Schurink G.	<a href="#">Comparing mobile C-arm with a hybrid operating room for imaging in fenestrated stent-graft endovascular abdominal aortic aneurysm repair</a>	Ann Vasc Surg. 2020 Oct;68:261-269. doi: 10.1016/j.avsg.2020.04.002. Epub 2020 Apr 10.	<b>1.125</b>	CARIM
159	Zhou T., Rensma S., van der Heide F., Henry R., Kroon A., Houben A., <b>Jansen J.</b> , <b>Backes W.</b> , Berendschot T., Schouten J., van Dongen M., Eussen S., Dagnelie P., Webers C., Schram M., Schalkwijk C., van Sloten T., Stehouwer C.	<a href="#">Blood pressure variability and microvascular dysfunction: the Maastricht Study</a>	J Hypertens. 2020 Aug;38(8):1541-1550. doi: 10.1097/HJH.0000000000002444.	<b>4.171</b>	MHeNs

160	Zwanenburg A., Vallières M., Abdalah M., <b>Aerts H.</b> , Andrearczyk V., Apte A., Ashrafinia S., Bakas S., Beukinga R., Boellaard R., Bogowicz M., Boldrini L., Buvat I., Cook G., Davatzikos C., Depeursinge A., Desseroit M., Dinapoli N., Dinh C., Echegaray S., El Naqa I., Fedorov A., Gatta R., Gillies R., Goh V., Götz M., Guckenberger M., Ha S., Hatt M., Isensee F., <b>Lambin P.</b> , Leger S., Leijenaar R., Lenkowicz J., Lippert F., Losnegård A., Maier-Hein K., Morin O., Müller H., Napel S., Nioche C., Orlhac F., Pati S., Pfaehler E., Rahmim A., Rao A., Scherer J., Siddique M., Sijtsema N., Socarras Fernandez J., Spezi E., Steenbakkens R., Tanadini-Lang S., Thorwarth D., Troost E., Upadhyay T.	<a href="#">The image biomarker standardization initiative: standardized quantitative radiomics for high-throughput image-based phenotyping</a>	Radiology. 2020 May;295(2):328-338. doi: 10.1148/radiol.2020191145. Epub 2020 Mar 10.	<b>7.931</b>	GROW
			<b>Total IF</b>	<b>907.441</b>	
			<b>Average IF</b>	<b>5.714</b>	