

Jaap Stoker

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

439
papers

22,232
citations

71
h-index

134
g-index

479
ext. papers

25,842
ext. citations

6.6
avg, IF

6.64
L-index

#	Paper	IF	Citations
439	Can hysterosalpingo-foam sonography replace hysterosalpingography as first-choice tubal patency test? A randomized non-inferiority trial.. <i>Human Reproduction</i> , 2022 ,	5.7	2
438	Hyperbaric oxygen therapy for the treatment of perianal fistulas in 20 patients with Crohn's disease: Results of the HOT-TOPIC trial after 1-year follow-up.. <i>United European Gastroenterology Journal</i> , 2022 ,	5.3	3
437	Untangling and segmenting the small intestine in 3D cine-MRI using deep learning.. <i>Medical Image Analysis</i> , 2022 , 78, 102386	15.4	2
436	DEtection of Proximal Coronary stenosis in the work-up for Transcatheter aortic valve implantation using CTA (from the DEPICT CTA collaboration). <i>European Radiology</i> , 2022 , 32, 143-151	8	3
435	Optimising diagnostics to discriminate complicated from uncomplicated appendicitis: a prospective cohort study protocol.. <i>BMJ Open</i> , 2022 , 12, e054304	3	0
434	Oil-based versus water-based contrast media for hysterosalpingography in infertile women of advanced age, with ovulation disorders or a high risk for tubal pathology: study protocol of a randomized controlled trial (H2Oil2 study).. <i>BMC Women's Health</i> , 2022 , 22, 123	2.9	
433	Interobserver Variability in CT-based Morphologic Tumor Response Assessment of Colorectal Liver Metastases.. <i>Radiology Imaging Cancer</i> , 2022 , 4, e210105	1.4	0
432	Fasted and fed small bowel motility patterns at cine-MRI in chronic intestinal pseudo-obstruction. <i>Neurogastroenterology and Motility</i> , 2021 , 33, e14062	4	5
431	Immediate versus Postponed Intervention for Infected Necrotizing Pancreatitis. <i>New England Journal of Medicine</i> , 2021 , 385, 1372-1381	59.2	14
430	Clinical added value of MRI to CT in patients scheduled for local therapy of colorectal liver metastases (CAMINO): study protocol for an international multicentre prospective diagnostic accuracy study. <i>BMC Cancer</i> , 2021 , 21, 1116	4.8	1
429	Hyperbaric oxygen therapy for the treatment of perianal fistulas in 20 patients with Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2021 , 53, 587-597	6.1	8
428	Discriminating complicated from uncomplicated appendicitis by ultrasound imaging, computed tomography or magnetic resonance imaging: systematic review and meta-analysis of diagnostic accuracy. <i>BJS Open</i> , 2021 , 5,	3.9	7
427	A 3D cine-MRI acquisition technique and image analysis framework to quantify bowel motion demonstrated in gynecological cancer patients. <i>Medical Physics</i> , 2021 , 48, 3109-3119	4.4	0
426	Impact of the COVID-19 pandemic on incidence and severity of acute appendicitis: a comparison between 2019 and 2020. <i>BMC Emergency Medicine</i> , 2021 , 21, 61	2.4	4
425	DOP11 Fibrosis and MAGNIFI-CD activity-index at MRI to predict treatment outcome in perianal fistulising Crohn's Disease patients. <i>Journal of Crohn's and Colitis</i> , 2021 , 15, S049-S050	1.5	0
424	COVID-19: Histopathological correlates of imaging patterns on chest computed tomography. <i>Respirology</i> , 2021 , 26, 869-877	3.6	3
423	Visceral obesity and muscle mass determined by CT scan and surgical outcome in patients with advanced ovarian cancer. A retrospective cohort study. <i>Gynecologic Oncology</i> , 2021 , 160, 187-192	4.9	6

422	Magnetic resonance imaging after ligation of the intersphincteric fistula tract for high perianal fistulas in Crohn's disease: a retrospective cohort study. <i>Colorectal Disease</i> , 2021 , 23, 169-177	2.1	5
421	Imaging alternatives to colonoscopy: CT colonography and colon capsule. European Society of Gastrointestinal Endoscopy (ESGE) and European Society of Gastrointestinal and Abdominal Radiology (ESGAR) Guideline - Update 2020. <i>European Radiology</i> , 2021 , 31, 2967-2982	8	9
420	Accuracy of controlled attenuation parameter compared with ultrasound for detecting hepatic steatosis in children with severe obesity. <i>European Radiology</i> , 2021 , 31, 1588-1596	8	8
419	Simultaneous assessment of colon motility in children with functional constipation by cine-MRI and colonic manometry: a feasibility study. <i>European Radiology Experimental</i> , 2021 , 5, 8	4.5	1
418	Cumulative 5-year Results of a Randomized Controlled Trial Comparing Biological Mesh with Primary Perineal Wound Closure after Extralevator Abdominoperineal Resection (BIOPEX-study). <i>Annals of Surgery</i> , 2021 ,	7.8	4
417	Patient-tailored Contrast Delivery Protocols for Computed Tomography Coronary Angiography: Lower Contrast Dose and Better Image Quality. <i>Journal of Thoracic Imaging</i> , 2021 , 36, 353-359	5.6	0
416	Quantifying displacement of urogenital organs after abdominoperineal resection for rectal cancer. <i>Colorectal Disease</i> , 2021 , 23, 2923-2931	2.1	0
415	OPTimal IMAGING strategy in patients suspected of non-traumatic pulmonary disease at the emergency department: chest X-ray or ultra-low-dose chest CT (OPTIMACT) trial-statistical analysis plan. <i>Trials</i> , 2020 , 21, 407	2.8	2
414	Prognostic characteristics and body mass index in patients with pulmonary embolism: does size matter?. <i>ERJ Open Research</i> , 2020 , 6,	3.5	2
413	Classifying the diagnosis of study participants in clinical trials: a structured and efficient approach. <i>European Radiology Experimental</i> , 2020 , 4, 44	4.5	0
412	Yield of Screening for COVID-19 in Asymptomatic Patients Before Elective or Emergency Surgery Using Chest CT and RT-PCR (SCOUT): Multicenter Study. <i>Annals of Surgery</i> , 2020 , 272, 919-924	7.8	30
411	Inherently decoupled H antennas and P loops for metabolic imaging of liver metastasis at 7 T. <i>NMR in Biomedicine</i> , 2020 , 33, e4221	4.4	3
410	Staging of Anal Cancer: Role of MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2020 , 28, 127-140	1.6	3
409	Evaluation of the modified Van Assche index for assessing response to anti-TNF therapy with MRI in perianal fistulizing Crohn's disease. <i>Clinical Imaging</i> , 2020 , 59, 179-187	2.7	12
408	Assessment of fasted and fed gastrointestinal contraction frequencies in healthy subjects using continuously tagged MRI. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13747	4	6
407	P329 ECCO grant recipient: preliminary results of the HOT-TOPIC trial (Hyperbaric Oxygen Therapy for the Treatment Of Perianal fistulas In Crohn's disease). <i>Journal of Crohns and Colitis</i> , 2020 , 14, S318-S319		1.5
406	Imaging alternatives to colonoscopy: CT colonography and colon capsule. European Society of Gastrointestinal Endoscopy (ESGE) and European Society of Gastrointestinal and Abdominal Radiology (ESGAR) Guideline - Update 2020. <i>Endoscopy</i> , 2020 , 52, 1127-1141	3.4	20
405	[F]FDG-PET or PET/CT in the evaluation of pelvic and para-aortic lymph nodes in patients with locally advanced cervical cancer: A systematic review of the literature. <i>Gynecologic Oncology</i> , 2020 , 159, 588-596	4.9	7

404	Pathological validation and prognostic potential of quantitative MRI in the characterization of pancreas cancer: preliminary experience. <i>Molecular Oncology</i> , 2020 , 14, 2176-2189	7.9	9
403	ESGAR consensus statement on the imaging of fistula-in-ano and other causes of anal sepsis. <i>European Radiology</i> , 2020 , 30, 4734-4740	8	11
402	Evaluation of compressed sensing MRI for accelerated bowel motility imaging. <i>European Radiology Experimental</i> , 2019 , 3, 7	4.5	9
401	Development and Validation of a Magnetic Resonance Index for Assessing Fistulas in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2019 , 157, 1233-1244.e5	13.3	28
400	Comparison of diagnostic accuracy of screening tests ALT and ultrasound for pediatric non-alcoholic fatty liver disease. <i>European Journal of Pediatrics</i> , 2019 , 178, 863-870	4.1	19
399	A novel magnetic resonance elastography transducer concept based on a rotational eccentric mass: preliminary experiences with the gravitational transducer. <i>Physics in Medicine and Biology</i> , 2019 , 64, 045007	2.8	13
398	P188 Validation of the modified Van Assche index for assessing response to anti-TNF therapy with MRI in perianal fistulising Crohn's disease. <i>Journal of Crohns and Colitis</i> , 2019 , 13, S184-S184	1.5	
397	Comparison between dynamic gadoxetate-enhanced MRI and Tc-mebrofenin hepatobiliary scintigraphy with SPECT for quantitative assessment of liver function. <i>European Radiology</i> , 2019 , 29, 5063-5072	8	14
396	Evaluation of T2-W MR imaging and diffusion-weighted imaging for the early post-treatment local response assessment of patients treated conservatively for cervical cancer: a multicentre study. <i>European Radiology</i> , 2019 , 29, 309-318	8	15
395	ECCO-ESGAR Guideline for Diagnostic Assessment in IBD Part 1: Initial diagnosis, monitoring of known IBD, detection of complications. <i>Journal of Crohns and Colitis</i> , 2019 , 13, 144-164	1.5	427
394	ECCO-ESGAR Guideline for Diagnostic Assessment in IBD Part 2: IBD scores and general principles and technical aspects. <i>Journal of Crohns and Colitis</i> , 2019 , 13, 273-284	1.5	132
393	Comparison of contrast-enhanced and diffusion-weighted MRI in assessment of the terminal ileum in Crohn's disease patients. <i>Abdominal Radiology</i> , 2019 , 44, 398-405	3	1
392	Automated versus subjective assessment of spatial and temporal MRI small bowel motility in Crohn's disease. <i>Clinical Radiology</i> , 2019 , 74, 814.e9-814.e19	2.9	4
391	Prospective validation of craniocaudal tumour size on MR imaging compared to histopathology in patients with uterine cervical cancer: The MPAC study. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 9-15	4.6	3
390	Challenges in the Pathophysiology, Diagnosis and Management of Intestinal Fibrosis in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2019 ,	13.3	17
389	A pharmacokinetic model including arrival time for two inputs and compensating for varying applied flip-angle in dynamic gadoteric acid-enhanced MR imaging. <i>PLoS ONE</i> , 2019 , 14, e0220835	3.7	1
388	Molecular profiling of longitudinally observed small colorectal polyps: A cohort study. <i>EBioMedicine</i> , 2019 , 39, 292-300	8.8	5
387	Detecting the effects of a standardized meal challenge on small bowel motility with MRI in prepared and unprepared bowel. <i>Neurogastroenterology and Motility</i> , 2019 , 31, e13506	4	8

386	Comparison of MRI Activity Scoring Systems and Features for the Terminal Ileum in Patients With Crohn Disease. <i>American Journal of Roentgenology</i> , 2019 , 212, W25-W31	5.4	17
385	Hyperbaric oxygen therapy for the treatment of perianal fistulas in Crohn's disease (HOT-TOPIC): study protocol of a prospective interventional cohort study with one-year follow-up. <i>Undersea and Hyperbaric Medicine</i> , 2019 , 46, 45-53	0.9	9
384	Unenhanced CT imaging is highly sensitive to exclude pheochromocytoma: a multicenter study. <i>European Journal of Endocrinology</i> , 2018 , 178, 431-437	6.5	26
383	Repeatability and correlations of dynamic contrast enhanced and T2* MRI in patients with advanced pancreatic ductal adenocarcinoma. <i>Magnetic Resonance Imaging</i> , 2018 , 50, 1-9	3.3	12
382	Colorectal Cancer: Cost-effectiveness of Colonoscopy versus CT Colonography Screening with Participation Rates and Costs. <i>Radiology</i> , 2018 , 287, 901-911	20.5	23
381	Dynamic MRI for bowel motility imaging-how fast and how long?. <i>British Journal of Radiology</i> , 2018 , 91, 20170845	3.4	10
380	A hybrid optimization strategy for registering images with large local deformations and intensity variations. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 343-351	3.9	2
379	Semiautomatic Assessment of the Terminal Ileum and Colon in Patients with Crohn Disease Using MRI (the VIGOR++ Project). <i>Academic Radiology</i> , 2018 , 25, 1038-1045	4.3	9
378	Reliability of Measuring Ileo-Colonic Disease Activity in Crohn's Disease by Magnetic Resonance Enterography. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 440-449	4.5	25
377	Evaluation of gastrointestinal motility with MRI: Advances, challenges and opportunities. <i>Neurogastroenterology and Motility</i> , 2018 , 30, e13257	4	31
376	Magnetic resonance imaging for clinical management of rectal cancer: Updated recommendations from the 2016 European Society of Gastrointestinal and Abdominal Radiology (ESGAR) consensus meeting. <i>European Radiology</i> , 2018 , 28, 1465-1475	8	294
375	MR Spectroscopy-derived Proton Density Fat Fraction Is Superior to Controlled Attenuation Parameter for Detecting and Grading Hepatic Steatosis. <i>Radiology</i> , 2018 , 286, 547-556	20.5	52
374	Short versus conventional hydration for prevention of kidney injury during pre-TAVI computed tomography angiography. <i>Netherlands Heart Journal</i> , 2018 , 26, 425-432	2.2	4
373	The FOAM study: is Hysterosalpingo foam sonography (HyFoSy) a cost-effective alternative for hysterosalpingography (HSG) in assessing tubal patency in subfertile women? Study protocol for a randomized controlled trial. <i>BMC Womens Health</i> , 2018 , 18, 64	2.9	15
372	Current Status of Magnetic Resonance Colonography for Screening and Diagnosis of Colorectal Cancer. <i>Radiologic Clinics of North America</i> , 2018 , 56, 737-749	2.3	4
371	Quantified Terminal Ileal Motility during MR Enterography as a Biomarker of Crohn Disease Activity: Prospective Multi-Institution Study. <i>Radiology</i> , 2018 , 289, 428-435	20.5	22
370	An expert consensus to standardise definitions, diagnosis and treatment targets for anti-fibrotic stricture therapies in Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018 , 48, 347-357	6.1	75
369	A hybrid segmentation method for partitioning the liver based on 4D DCE-MR Images 2018 ,		2

368	The clinical value of routinely obtained postoperative chest radiographs in post-anaesthesia care unit patients seems poor-a prospective observational study. <i>Annals of Translational Medicine</i> , 2018 , 6, 360	3.2	2
367	18F-FDG-PET/CT guided external beam radiotherapy volumes in inoperable uterine cervical cancer. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 62, 420-428	1.4	7
366	Estimating the arterial input function from dynamic contrast-enhanced MRI data with compensation for flow enhancement (II): Applications in spine diagnostics and assessment of crohn's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 1197-1204	5.6	3
365	Whole-body magnetic resonance imaging for detection of skeletal metastases in children and young people with primary solid tumors - systematic review. <i>Pediatric Radiology</i> , 2018 , 48, 241-252	2.8	16
364	Feasibility of CT radiomics to predict treatment response of individual liver metastases in esophagogastric cancer patients. <i>PLoS ONE</i> , 2018 , 13, e0207362	3.7	19
363	OPTimal IMAGing strategy in patients suspected of non-traumatic pulmonary disease at the emergency department: chest X-ray or ultra-low-dose CT (OPTIMACT)-a randomised controlled trial chest X-ray or ultra-low-dose CT at the ED: design and rationale. <i>Diagnostic and Prognostic Research</i> , 2018 , 2, 22	5.5	6
362	Prognostic value of cardiovascular parameters in computed tomography pulmonary angiography in patients with acute pulmonary embolism. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	18
361	Breast magnetic resonance elastography: a review of clinical work and future perspectives. <i>NMR in Biomedicine</i> , 2018 , 31, e3932	4.4	14
360	Comparison of six fit algorithms for the intra-voxel incoherent motion model of diffusion-weighted magnetic resonance imaging data of pancreatic cancer patients. <i>PLoS ONE</i> , 2018 , 13, e0194590	3.7	34
359	Relationship between MRI quantified small bowel motility and abdominal symptoms in Crohn's disease patients-a validation study. <i>British Journal of Radiology</i> , 2018 , 91, 20170914	3.4	9
358	Evaluation of Six Diffusion-weighted MRI Models for Assessing Effects of Neoadjuvant Chemoradiation in Pancreatic Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1052-1062	4	12
357	Shortened oral contrast preparation for improved small bowel distension at MR enterography. <i>Abdominal Radiology</i> , 2017 , 42, 2225-2232	3	5
356	Semi-automatic bowel wall thickness measurements on MR enterography in patients with Crohn's disease. <i>British Journal of Radiology</i> , 2017 , 90, 20160654	3.4	7
355	Small-bowel Surveillance in Patients With Peutz-Jeghers Syndrome: Comparing Magnetic Resonance Enteroclysis and Double Balloon Enteroscopy. <i>Journal of Clinical Gastroenterology</i> , 2017 , 51, e27-e33	3	18
354	Addition of MRI for CT-based pancreatic tumor delineation: a feasibility study. <i>Acta Oncologica</i> , 2017 , 56, 923-930	3.2	18
353	Iron storage in liver, bone marrow and splenic Gaucheroma reflects residual disease in type 1 Gaucher disease patients on treatment. <i>British Journal of Haematology</i> , 2017 , 179, 635-647	4.5	14
352	Impact of Potentially Malignant Incidental Findings by Computed Tomographic Angiography on Long-Term Survival After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017 , 120, 994-1001	3	10
351	The development of a magnetic resonance imaging index for fistulising Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2017 , 46, 516-528	6.1	28

350	Considerable interobserver variation in delineation of pancreatic cancer on 3DCT and 4DCT: a multi-institutional study. <i>Radiation Oncology</i> , 2017 , 12, 58	4.2	13
349	Prediction of presence of kidney disease in patients undergoing intravenous iodinated contrast enhanced computed tomography: a validation study. <i>European Radiology</i> , 2017 , 27, 1613-1621	8	3
348	The first joint ESGAR/ ESPR consensus statement on the technical performance of cross-sectional small bowel and colonic imaging. <i>European Radiology</i> , 2017 , 27, 2570-2582	8	85
347	Image Registration Based on Autocorrelation of Local Structure. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 63-75	11.7	50
346	Noninvasive Differentiation between Hepatic Steatosis and Steatohepatitis with MR Imaging Enhanced with USPIOs in Patients with Nonalcoholic Fatty Liver Disease: A Proof-of-Concept Study. <i>Radiology</i> , 2016 , 278, 782-91	20.5	38
345	Accuracy of whole-body MRI in the assessment of splenic involvement in lymphoma. <i>Acta Radiologica</i> , 2016 , 57, 142-51	2	10
344	Is there a place for a biological mesh in perineal hernia repair?. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2016 , 20, 747-54	3.2	19
343	Comparison of clinical MRI liver iron content measurements using signal intensity ratios, R and R. <i>Abdominal Radiology</i> , 2016 , 41, 2123-2131	3	11
342	Long-Term Performance of Readers Trained in Grading Crohn Disease Activity Using MRI. <i>Academic Radiology</i> , 2016 , 23, 1539-1544	4.3	4
341	The potential of imaging techniques as a screening tool for colorectal cancer: a cost-effectiveness analysis. <i>British Journal of Radiology</i> , 2016 , 89, 20150910	3.4	16
340	Improved registration of DCE-MR images of the liver using a prior segmentation of the region of interest 2016 ,		2
339	MRI characteristics of proctitis in Crohn's disease on perianal MRI. <i>Abdominal Radiology</i> , 2016 , 41, 1918-30		10
338	Computer tomography colonography participation and yield in patients under surveillance for 6-9mm polyps in a population-based screening trial. <i>European Radiology</i> , 2016 , 26, 2762-70	8	17
337	Intensive lifestyle treatment for non-alcoholic fatty liver disease in children with severe obesity: inpatient versus ambulatory treatment. <i>International Journal of Obesity</i> , 2016 , 40, 51-7	5.5	19
336	Minimizing the Acquisition Time for Intravoxel Incoherent Motion Magnetic Resonance Imaging Acquisitions in the Liver and Pancreas. <i>Investigative Radiology</i> , 2016 , 51, 211-20	10.1	28
335	Revisiting the Potential of Alternating Repetition Time Balanced Steady-State Free Precession Imaging of the Abdomen at 3 T. <i>Investigative Radiology</i> , 2016 , 51, 560-8	10.1	4
334	Comparison of translabial three-dimensional ultrasound with magnetic resonance imaging for measurement of levator hiatal biometry at rest. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016 , 47, 636-41	5.8	3
333	Computed Tomography Observer Agreement in Staging Malignant Lymphoma. <i>Journal of Computer Assisted Tomography</i> , 2016 , 40, 261-5	2.2	0

332	2D AMESING multi-echo (31)P-MRSI of the liver at 7T allows transverse relaxation assessment and T2-weighted averaging for improved SNR. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 219-26	3.3	3
331	Burden of waiting for surveillance CT colonography in patients with screen-detected 6-9mm polyps. <i>European Radiology</i> , 2016 , 26, 4000-4010	8	2
330	CT-Colonography vs. Colonoscopy for Detection of High-Risk Sessile Serrated Polyps. <i>American Journal of Gastroenterology</i> , 2016 , 111, 516-22	0.7	66
329	Grading of Crohn's disease activity using CT, MRI, US and scintigraphy: a meta-analysis. <i>European Radiology</i> , 2015 , 25, 3295-313	8	43
328	Image registration based on the structure tensor of the local phase 2015 ,		1
327	Comparison of Imaging Strategies with Conditional versus Immediate Contrast-Enhanced Computed Tomography in Patients with Clinical Suspicion of Acute Appendicitis. <i>European Radiology</i> , 2015 , 25, 2445-52	8	22
326	Expiration-phase template-based motion correction of free-breathing abdominal dynamic contrast enhanced MRI. <i>IEEE Transactions on Biomedical Engineering</i> , 2015 , 62, 1215-1225	5	25
325	C-reactive protein and white blood cell count as triage test between urgent and nonurgent conditions in 2961 patients with acute abdominal pain. <i>Medicine (United States)</i> , 2015 , 94, e569	1.8	15
324	Cranio-caudal tumour extension in uterine cervical cancer on MRI compared to histopathology. <i>European Journal of Radiology Open</i> , 2015 , 2, 111-7	2.6	5
323	Imaging of colorectal polyps and early rectal cancer. <i>Colorectal Disease</i> , 2015 , 17 Suppl 1, 36-43	2.1	6
322	Evolution of Screen-Detected Small (6-9 mm) Polyps After a 3-Year Surveillance Interval: Assessment of Growth With CT Colonography Compared With Histopathology. <i>American Journal of Gastroenterology</i> , 2015 , 110, 1682-90	0.7	21
321	Selecting Therapeutic Targets in Inflammatory Bowel Disease (STRIDE): Determining Therapeutic Goals for Treat-to-Target. <i>American Journal of Gastroenterology</i> , 2015 , 110, 1324-38	0.7	1024
320	Quantification of delineation errors of the gross tumor volume on magnetic resonance imaging in uterine cervical cancer using pathology data and deformation correction. <i>Acta Oncologica</i> , 2015 , 54, 224-31 ²	3.2	12
319	Monitoring treatment response in patients undergoing chemoradiotherapy for locally advanced uterine cervical cancer by additional diffusion-weighted imaging: A systematic review. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 572-94	5.6	45
318	Magnetic resonance colonography with a limited bowel preparation and automated carbon dioxide insufflation in comparison to conventional colonoscopy: patient burden and preferences. <i>European Journal of Radiology</i> , 2015 , 84, 19-25	4.7	6
317	Clinical indications for computed tomographic colonography: European Society of Gastrointestinal Endoscopy (ESGE) and European Society of Gastrointestinal and Abdominal Radiology (ESGAR) Guideline. <i>European Radiology</i> , 2015 , 25, 331-45	8	61
316	Nonalcoholic fatty liver disease and cardiovascular risk in children with obesity. <i>Obesity</i> , 2015 , 23, 1239-43	4.8	15
315	Visibility and artifacts of gold fiducial markers used for image guided radiation therapy of pancreatic cancer on MRI. <i>Medical Physics</i> , 2015 , 42, 2638-47	4.4	41

3 ¹⁴	Accuracy of White Blood Cell Count and C-reactive Protein Levels Related to Duration of Symptoms in Patients Suspected of Acute Appendicitis. <i>Academic Emergency Medicine</i> , 2015 , 22, 1015-24	3.4	25
3 ¹³	Scoring system to distinguish uncomplicated from complicated acute appendicitis. <i>British Journal of Surgery</i> , 2015 , 102, 979-90	5.3	93
3 ¹²	Guideline for the diagnostic pathway in patients with acute abdominal pain. <i>Digestive Surgery</i> , 2015 , 32, 23-31	2.5	90
3 ¹¹	CT colonography: accuracy, acceptance, safety and position in organised population screening. <i>Gut</i> , 2015 , 64, 342-50	19.2	31
3 ¹⁰	Whole-body MRI for initial staging of paediatric lymphoma: prospective comparison to an FDG-PET/CT-based reference standard. <i>European Radiology</i> , 2014 , 24, 1153-65	8	81
3 ⁰⁹	Training readers to improve their accuracy in grading Crohn's disease activity on MRI. <i>European Radiology</i> , 2014 , 24, 1059-67	8	15
3 ⁰⁸	Evaluation of conventional, dynamic contrast enhanced and diffusion weighted MRI for quantitative Crohn's disease assessment with histopathology of surgical specimens. <i>European Radiology</i> , 2014 , 24, 619-29	8	142
3 ⁰⁷	Non-invasive evaluation of liver fibrosis: a comparison of ultrasound-based transient elastography and MR elastography in patients with viral hepatitis B and C. <i>European Radiology</i> , 2014 , 24, 638-48	8	79
3 ⁰⁶	Measuring liver triglyceride content in mice: non-invasive magnetic resonance methods as an alternative to histopathology. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014 , 27, 317-27	2.8	15
3 ⁰⁵	Prediction of presence of kidney disease in a general patient population undergoing intravenous iodinated contrast enhanced computed tomography. <i>European Radiology</i> , 2014 , 24, 1266-75	8	7
3 ⁰⁴	Diagnostic accuracy and patient acceptance of MRI in children with suspected appendicitis. <i>European Radiology</i> , 2014 , 24, 630-7	8	39
3 ⁰³	Magnetic resonance colonography for screening and diagnosis of colorectal cancer. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014 , 22, 67-83	1.6	14
3 ⁰²	Magnetic resonance colonography with automated carbon dioxide insufflation: Diagnostic accuracy and distension. <i>European Journal of Radiology</i> , 2014 , 83, 743-50	4.7	6
3 ⁰¹	MRI features associated with acute appendicitis. <i>European Radiology</i> , 2014 , 24, 214-22	8	21
3 ⁰⁰	The Potential of (TARGETED) MR Colonography as a Screening Tool for Colorectal Cancer: A Cost-Effectiveness Analysis. <i>Value in Health</i> , 2014 , 17, A631-2	3.3	
299	Active learning based segmentation of Crohn's disease using principles of visual saliency 2014 ,		5
298	Potential prognostic implications of whole-body bone marrow MRI in diffuse large B-cell lymphoma patients with a negative blind bone marrow biopsy. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 1394-400	5.6	11
297	Quantitative determination of liver triglyceride levels with 3T ¹ H-MR spectroscopy in mice with moderately elevated liver fat content. <i>Academic Radiology</i> , 2014 , 21, 1446-54	4.3	6

296	A simple clinical decision rule to rule out appendicitis in patients with nondiagnostic ultrasound results. <i>Academic Emergency Medicine</i> , 2014 , 21, 488-96	3.4	25
295	Accuracy of abdominal ultrasound and MRI for detection of Crohn disease and ulcerative colitis in children. <i>Pediatric Radiology</i> , 2014 , 44, 1370-8	2.8	27
294	A new murine model to study musculoskeletal tuberculosis (short communication). <i>Tuberculosis</i> , 2014 , 94, 306-10	2.6	2
293	New perspectives in the assessment of future remnant liver. <i>Digestive Surgery</i> , 2014 , 31, 255-68	2.5	59
292	A global consensus on the classification, diagnosis and multidisciplinary treatment of perianal fistulising Crohn's disease. <i>Gut</i> , 2014 , 63, 1381-92	19.2	248
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