

Y Xing J Wng

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.

327
papers

11,627
citations

53
h-index

98
g-index

370
ext. papers

13,536
ext. citations

4.5
avg, IF

6.91
L-index

#	Paper	IF	Citations
327	Further evidence supports a much lower prevalence of radiographic osteoporotic vertebral fracture in Hong Kong Chinese women than in Italian Caucasian women.. <i>Archives of Osteoporosis</i> , 2022 , 17, 13	2.9	0
326	Several concerns on grading lumbar disc degeneration on MR image with Pfirrmann criteria.. <i>Journal of Orthopaedic Translation</i> , 2022 , 32, 101-102	4.2	0
325	Current Concepts in Imaging Diagnosis and Screening of Blunt Cerebrovascular Injuries.. <i>Tomography</i> , 2022 , 8, 402-413	3.1	0
324	Healthier Chinese spine: an update of osteoporotic fractures in men (MrOS) and in women (MsOS) Hong Kong spine radiograph studies.. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022 , 12, 2090-2105	3.6	2
323	Association between cine CMR-based radiomics signature and microvascular obstruction in patients with ST-segment elevation myocardial infarction.. <i>Journal of Thoracic Disease</i> , 2022 , 14, 969-978	2.6	0
322	Osteoporotic vertebral endplate and/or cortex fracture is not always radiographically detectable.. <i>Osteoporosis International</i> , 2022 , 1	5.3	2
321	CT detects more osteoporotic endplate depressions than radiograph: a descriptive comparison of 76 vertebrae.. <i>Osteoporosis International</i> , 2022 , 1	5.3	0
320	Diffusion-weighted MRI of the liver: challenges and some solutions for the quantification of apparent diffusion coefficient and intravoxel incoherent motion. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 11, 107-142	2.2	2
319	Much lower prevalence and severity of radiographic osteoporotic vertebral fracture in elderly Hong Kong Chinese women than in age-matched Rome Caucasian women: a cross-sectional study. <i>Archives of Osteoporosis</i> , 2021 , 16, 174	2.9	4
318	Usefulness of diffusion derived vessel density computed from a simplified IVIM imaging protocol: An experimental study with rat biliary duct blockage induced liver fibrosis. <i>Magnetic Resonance Imaging</i> , 2021 , 84, 115-123	3.3	0
317	Osteoporotic Vertebral Deformity: Radiological Appearances and Their Association With a History of Trauma and the Risk of Further Fragility Fracture. <i>Canadian Association of Radiologists Journal</i> , 2021 , 72, 585	3.9	4
316	Endoscopy-assisted magnetic navigation of biohybrid soft microrobots with rapid endoluminal delivery and imaging. <i>Science Robotics</i> , 2021 , 6,	18.6	60
315	Different tissue types display different signal intensities on b = 0 images and the implications of this for intravoxel incoherent motion analysis: Examples from liver MRI. <i>NMR in Biomedicine</i> , 2021 , 34, e4522	4.4	3
314	Illustration of a number of atypical computed tomography manifestations of active pulmonary tuberculosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 1651-1667	3.6	2
313	Physiological variation of liver iron concentration may not be dominantly responsible for the liver T1rho variations associated with age and gender. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 1668-1673	3.6	0
312	Improving osteoporotic vertebral deformity detection on chest frontal view radiograph by adjusted X-ray beam positioning. <i>Journal of Orthopaedic Translation</i> , 2021 , 28, 169-178	4.2	1
311	A reduction of perfusion can lead to an artificial elevation of slow diffusion measure: examples in acute brain ischemia MRI intravoxel incoherent motion studies. <i>Annals of Translational Medicine</i> , 2021 , 9, 895	3.2	2

310	Mutual constraining of slow component and fast component measures: some observations in liver IVIM imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 2879-2887	3.6	2
309	Dietary cholesterol drives fatty liver-associated liver cancer by modulating gut microbiota and metabolites. <i>Gut</i> , 2021 , 70, 761-774	19.2	87
308	Age and gender dependence of liver diffusion parameters and the possibility that intravoxel incoherent motion modeling of the perfusion component is constrained by the diffusion component. <i>NMR in Biomedicine</i> , 2021 , 34, e4449	4.4	7
307	Interpretation of osteoporotic vertebral deformity on frontal view radiographs of the chest and abdomen: a pictorial review. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 423-442	3.6	2
306	T1rho shortening effect of fat in liver steatosis after fat suppression: approximate estimation in a methionine and choline-deficient (MCD) diet rat model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 870-875	3.6	1
305	Observed paradoxical perfusion fraction elevation in steatotic liver: An example of intravoxel incoherent motion modeling of the perfusion component constrained by the diffusion component. <i>NMR in Biomedicine</i> , 2021 , 34, e4488	4.4	6
304	Evidence of Tri-Exponential Decay for Liver Intravoxel Incoherent Motion MRI: A Review of Published Results and Limitations. <i>Diagnostics</i> , 2021 , 11,	3.8	4
303	The role of radiography in the study of spinal disorders. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 2322-2355	3.6	9
302	CT suggests discharged Covid-19 patients who were retested RT-PCR positive again for SARS-CoV-2 more likely had false negative RT-PCR tests before discharging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1396-1400	3.6	4
301	Chest lesion CT radiological features and quantitative analysis in RT-PCR turned negative and clinical symptoms resolved COVID-19 patients. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1307-1317	3.6	13
300	Pre-treatment intravoxel incoherent motion diffusion-weighted imaging predicts treatment outcome in nasopharyngeal carcinoma. <i>European Journal of Radiology</i> , 2020 , 129, 109127	4.7	7
299	Recognizing osteoporotic vertebral deformity on frontal view radiograph: a cohort analysis and a pictorial review. <i>Archives of Osteoporosis</i> , 2020 , 15, 41	2.9	6
298	The role of CT for Covid-19 patients management remains poorly defined. <i>Annals of Translational Medicine</i> , 2020 , 8, 145	3.2	34
297	The open access financial model hinders the growth of medical physics research in low- and middle-income countries. <i>Medical Physics</i> , 2020 , 47, 5972-5975	4.4	1
296	Pre-treatment amide proton transfer imaging predicts treatment outcome in nasopharyngeal carcinoma. <i>European Radiology</i> , 2020 , 30, 6339-6347	8	9
295	Existing severe osteoporotic vertebral fractures in elderly Chinese males were only weakly associated with higher further vertebral fracture risk at year-4 follow-up. <i>Osteoporosis International</i> , 2020 , 31, 1593-1594	5.3	7
294	Macromolecular proton fraction mapping based on spin-lock magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 3157-3171	4.4	1
293	Semi-quantitative grading and extended semi-quantitative grading for osteoporotic vertebral deformity: a radiographic image database for education and calibration. <i>Annals of Translational Medicine</i> , 2020 , 8, 398	3.2	11

292	A call for caution in extrapolating chest CT sensitivity for COVID-19 derived from hospital data to patients among general population. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 798-799	3.6	14
291	Radiological features of traumatic vertebral endplate fracture: an analysis of 194 cases with 263 vertebral fractures. <i>Chinese Medical Journal</i> , 2020 , 133, 2696-2702	2.9	11
290	Underreporting characteristics of osteoporotic vertebral fracture in back pain clinic patients of a tertiary hospital in China. <i>Journal of Orthopaedic Translation</i> , 2020 , 23, 152-158	4.2	5
289	Chinese expert consensus on the diagnosis of osteoporosis by imaging and bone mineral density. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 2066-2077	3.6	13
288	Collagen deposition in the liver is strongly and positively associated with T1rho elongation while fat deposition is associated with T1rho shortening: an experimental study of methionine and choline-deficient (MCD) diet rat model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 2307-2321	3.6	4
287	Elderly men have much lower vertebral fracture risk than elderly women even at advanced age: the MrOS and MsOS (Hong Kong) year 14 follow-up radiology results. <i>Archives of Osteoporosis</i> , 2020 , 15, 176	2.9	6
286	Radiographic osteoporotic vertebral fractures in elderly men: a brief review focusing on differences between the sexes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1863-1876	3.6	7
285	Diagnosis and grading of radiographic osteoporotic vertebral deformity by general radiologists after a brief self-learning period. <i>Journal of Thoracic Disease</i> , 2020 , 12, 4702-4710	2.6	2
284	Medical Imaging Engineering and Technology Branch of the Chinese Society of Biomedical Engineering expert consensus on the application of Emergency Mobile Cabin CT. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 2191-2207	3.6	0
283	Topically applied adipose-derived mesenchymal stem cell treatment in experimental focal cerebral ischemia. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 226-233	2.2	5
282	Diffusion MRI Derived per Area Vessel Density as a Surrogate Biomarker for Detecting Viral Hepatitis B-Induced Liver Fibrosis: A Proof-of-Concept Study. <i>SLAS Technology</i> , 2020 , 25, 474-483	3	9
281	Elderly males with or without existing osteoporotic vertebral fracture have much lower future vertebral fracture risk than elderly females: the MrOS (Hong Kong) year-4 follow-up spine radiograph study. <i>Osteoporosis International</i> , 2019 , 30, 2505-2514	5.3	10
280	An update on PET-based molecular imaging in neuro-oncology: challenges and implementation for a precision medicine approach in cancer care. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1597-1610	3.6	18
279	Osteoporotic vertebral deformity with endplate/cortex fracture is associated with higher further vertebral fracture risk: the Ms. OS (Hong Kong) study results. <i>Osteoporosis International</i> , 2019 , 30, 897-903	5.3	33
278	Dependence of intravoxel incoherent motion diffusion MR threshold b-value selection for separating perfusion and diffusion compartments and liver fibrosis diagnostic performance. <i>Acta Radiologica</i> , 2019 , 60, 3-12	2	12
277	Comparison of tri-exponential decay versus bi-exponential decay and full fitting versus segmented fitting for modeling liver intravoxel incoherent motion diffusion MRI. <i>NMR in Biomedicine</i> , 2019 , 32, e41554	4.4	13
276	Updates on F-FDG-PET/CT as a clinical tool for tuberculosis evaluation and therapeutic monitoring. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1132-1146	3.6	19
275	High performance of intravoxel incoherent motion diffusion MRI in detecting viral hepatitis-b induced liver fibrosis. <i>Annals of Translational Medicine</i> , 2019 , 7, 39	3.2	15

274	MR imaging for acute pancreatitis: the current status of clinical applications. <i>Annals of Translational Medicine</i> , 2019 , 7, 269	3.2	13
273	Prevalence of cervical spine degenerative changes in elderly population and its weak association with aging, neck pain, and osteoporosis. <i>Annals of Translational Medicine</i> , 2019 , 7, 486	3.2	13
272	Intravoxel incoherent motion derived liver perfusion/diffusion readouts can be reliable biomarker for the detection of viral hepatitis B induced liver fibrosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 371-385	3.6	12
271	Some radiographically occult osteoporotic vertebral fractures can be evidential if we look carefully. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1992-1995	3.6	9
270	On the possibility of over-diagnosis of osteoporotic vertebral fracture at mid-thoracic level. <i>Journal of Thoracic Disease</i> , 2019 , 11, 5708-5711	2.6	11
269	Topics on quantitative liver magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1840-1890	3.6	19
268	Amide proton transfer MRI detects early changes in nasopharyngeal carcinoma: providing a potential imaging marker for treatment response. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019 , 276, 505-512	3.5	9
267	Osteoporotic Vertebral Fracture Prevalence in Elderly Chinese Men and Women: A Comparison of Endplate/Cortex Fracture-Based and Morphometrical Deformity-Based Methods. <i>Journal of Clinical Densitometry</i> , 2019 , 22, 409-419	3.5	25
266	Removal of evidential motion-contaminated and poorly fitted image data improves IVIM diffusion MRI parameter scan-rescan reproducibility. <i>Acta Radiologica</i> , 2018 , 59, 1157-1167	2	15
265	MR imaging of hemorrhage associated with acute pancreatitis. <i>Pancreatology</i> , 2018 , 18, 363-369	3.8	12
264	No inferiority of Tonbridge thrombectomy device for acute thrombus retrieval compared with Solitaire device: an experimental evaluation with a canine distal external carotid-maxillary artery occlusion model. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1085-1091	7.8	7
263	Elderly population have a decreased aneurysmal subarachnoid hemorrhage incidence rate than Middle aged population: a descriptive analysis of 8,144 cases in mainland China. <i>British Journal of Neurosurgery</i> , 2018 , 32, 165-171	1	3
262	A Combined Use of Intravoxel Incoherent Motion MRI Parameters Can Differentiate Early-Stage Hepatitis-b Fibrotic Livers from Healthy Livers. <i>SLAS Technology</i> , 2018 , 23, 259-268	3	19
261	Breath-hold black-blood T1rho mapping improves liver T1rho quantification in healthy volunteers. <i>Acta Radiologica</i> , 2018 , 59, 257-265	2	10
260	SCOPE: signal compensation for low-rank plus sparse matrix decomposition for fast parameter mapping. <i>Physics in Medicine and Biology</i> , 2018 , 63, 185009	3.8	6
259	Radiological signs associated with pulmonary multi-drug resistant tuberculosis: an analysis of published evidences. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 161-173	3.6	25
258	All osteoporotically deformed vertebrae with >34% height loss have radiographically identifiable endplate/cortex fracture. <i>Journal of Orthopaedic Translation</i> , 2018 , 14, 63-66	4.2	19
257	Head and Neck Tumors: Amide Proton Transfer MRI. <i>Radiology</i> , 2018 , 288, 782-790	20.5	29

256	Prevalent osteoporotic vertebral fractures more likely involve the upper endplate than the lower endplate and even more so in males. <i>Annals of Translational Medicine</i> , 2018 , 6, 442	3.2	12
255	Informed communication with study subjects of radiographically detected osteoporotic vertebral deformity. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 876-880	3.6	11
254	Age- and Gender-Associated Liver Physiological T1rho Dynamics Demonstrated with a Clinically Applicable Single-Breathhold Acquisition. <i>SLAS Technology</i> , 2018 , 23, 179-187	3	9
253	Thoracolumbar Intervertebral Disc Area Morphometry in Elderly Chinese Men and Women: Radiographic Quantifications at Baseline and Changes at Year-4 Follow-up. <i>Spine</i> , 2018 , 43, E607-E614	3.3	10
252	Functional probes for cardiovascular molecular imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 838-852	3.6	7
251	Osteoporotic vertebral endplate and cortex fractures: A pictorial review. <i>Journal of Orthopaedic Translation</i> , 2018 , 15, 35-49	4.2	22
250	Informed appropriate imaging for low back pain management: A narrative review. <i>Journal of Orthopaedic Translation</i> , 2018 , 15, 21-34	4.2	21
249	Appropriate Normal Range of Lumbar Disc T1rho of Men and Women with Respect to Physiological Aging. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018 , 190, 560	2.3	0
248	Topical Application of Mesenchymal Stromal Cells Ameliorated Liver Parenchyma Damage After Ischemia-Reperfusion Injury in an Animal Model. <i>Transplantation Direct</i> , 2017 , 3, e160	2.3	4
247	Ultra-high loading of sinoporphyrin sodium in ferritin for single-wave motivated photothermal and photodynamic co-therapy. <i>Biomaterials Science</i> , 2017 , 5, 1512-1516	7.4	36
246	Bi-phase age-related brain gray matter magnetic resonance T1ρ relaxation time change in adults. <i>Magnetic Resonance Imaging</i> , 2017 , 39, 200-205	3.3	9
245	Lumbar degenerative spondylolisthesis epidemiology: A systematic review with a focus on gender-specific and age-specific prevalence. <i>Journal of Orthopaedic Translation</i> , 2017 , 11, 39-52	4.2	52
244	A comprehensive literatures update of clinical researches of superparamagnetic resonance iron oxide nanoparticles for magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 88-122	3.6	139
243	How liver pathologies contribute to T1rho contrast require more careful studies. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 608-613	3.6	10
242	Preface to 2017 focused issue: Quantitative Imaging of Thoracic Diseases. <i>Journal of Thoracic Disease</i> , 2017 , 9, 4723	2.6	
241	Identifying osteoporotic vertebral endplate and cortex fractures. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 555-591	3.6	39
240	Liver intravoxel incoherent motion (IVIM) magnetic resonance imaging: a comprehensive review of published data on normal values and applications for fibrosis and tumor evaluation. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 59-78	3.6	77
239	Multifunctional biohybrid magnetite microrobots for imaging-guided therapy. <i>Science Robotics</i> , 2017 , 2,	18.6	393

238	Hedgehog signaling in bone regulates whole-body energy metabolism through a bone-adipose endocrine relay mediated by PTHrP and adiponectin. <i>Cell Death and Differentiation</i> , 2017 , 24, 225-237	12.7	12
237	On Magnetic Resonance Imaging of Intervertebral Disc Aging. <i>Sports Medicine</i> , 2017 , 47, 187-188	10.6	3
236	Menopause as a potential cause for higher prevalence of low back pain in women than in age-matched men. <i>Journal of Orthopaedic Translation</i> , 2017 , 8, 1-4	4.2	16
235	Intra-arterial delivery of superparamagnetic iron-oxide nanoshell and polyvinyl alcohol based chemoembolization system for the treatment of liver tumor. <i>Discovery Medicine</i> , 2017 , 23, 27-39	2.5	7
234	Chemical exchange saturation transfer (CEST) MR technique for in-vivo liver imaging at 3.0 tesla. <i>European Radiology</i> , 2016 , 26, 1792-800	8	15
233	Gender Differences in Regional Brain Activity in Patients with Chronic Primary Insomnia: Evidence from a Resting-State fMRI Study. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 363-74	3.1	58
232	Superparamagnetic Iron Oxide Nanoparticles for Cellular Imaging and Targeted Therapy: Opportunities and Challenges for Clinical Translation 2016 , 29-51		1
231	Myocardial T1 rho mapping of patients with end-stage renal disease and its comparison with T1 mapping and T2 mapping: A feasibility and reproducibility study. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 723-31	5.6	13
230	Bilateral Common Carotid Artery Occlusion in Spontaneously Hypertensive Rats: A Feasible Animal Model for Ocular Ischemic Syndrome. <i>Anatomical Record</i> , 2016 , 299, 806-14	2.1	1
229	Imaging-guided delivery of RNAi for anticancer treatment. <i>Advanced Drug Delivery Reviews</i> , 2016 , 104, 44-60	18.5	85
228	High Serum SHBG Predicts Incident Vertebral Fractures in Elderly Men. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 683-9	6.3	28
227	Using Gelatin Nanoparticle Mediated Intranasal Delivery of Neuropeptide Substance P to Enhance Neuro-Recovery in Hemiparkinsonian Rats. <i>PLoS ONE</i> , 2016 , 11, e0148848	3.7	28
226	AME survey-003 A2: on the attractiveness of an medicine career in current China with a survey of 7,508 medical professionals and 443 non-medical professionals. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 84-102	3.6	6
225	Contrast enhanced ultrasound guided biopsy shows higher positive sampling rate than conventional ultrasound guided biopsy for gastrointestinal stromal tumors diagnosis. <i>Translational Cancer Research</i> , 2016 , 5, 152-159	0.3	2
224	Evaluation of Glycosaminoglycan in the Lumbar Disc Using Chemical Exchange Saturation Transfer MR at 3.0 Tesla: Reproducibility and Correlation with Disc Degeneration. <i>Biomedical and Environmental Sciences</i> , 2016 , 29, 47-55	1.1	7
223	A higher aneurysmal subarachnoid hemorrhage incidence in women prior to menopause: a retrospective analysis of 4,895 cases from eight hospitals in China. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 151-6	3.6	12
222	Will the science and technology gap between China and USA becomes narrower, wider, or stay in the same in 50 years? <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 233-7	3.6	1
221	South Korean degenerative spondylolisthesis patients had surgical treatment at earlier age than Japanese, American, and European patients: a published literature observation. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 785-790	3.6	6

220	Breath-hold black blood quantitative T1rho imaging of liver using single shot fast spin echo acquisition. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 168-77	3.6	17
219	Systemic review and meta-analysis of diagnostic imaging technologies. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 615-618	3.6	3
218	Towards consistency for magnetic resonance (MR) relaxometry of lumbar intervertebral discs. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 474-477	3.6	3
217	Black blood T1rho MR imaging may diagnose early stage liver fibrosis: a proof-of-principle study with rat biliary duct ligation model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 353-363	3.6	20
216	Improvement in the Detection of Cystic Metastatic Papillary Thyroid Carcinoma by Measurement of Thyroglobulin in Aspirated Fluid. <i>BioMed Research International</i> , 2016 , 2016, 8905916	3	2
215	Increased low back pain prevalence in females than in males after menopause age: evidences based on synthetic literature review. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 199-206	3.6	88
214	Magnetic resonance imaging of retroperitoneal interfascial plane involvement in acute pancreatitis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 250-8	3.6	6
213	Lumbar Spondylolisthesis Progression and De Novo Spondylolisthesis in Elderly Chinese Men and Women: A Year-4 Follow-up Study. <i>Spine</i> , 2016 , 41, 1096-1103	3.3	22
212	Melamine Impairs Renal and Vascular Function in Rats. <i>Scientific Reports</i> , 2016 , 6, 28041	4.9	7
211	Chemical Exchange Saturation Transfer (CEST) MR Technique for Liver Imaging at 3.0 Tesla: an Evaluation of Different Offset Number and an After-Meal and Over-Night-Fast Comparison. <i>Molecular Imaging and Biology</i> , 2016 , 18, 274-82	3.8	19
210	T1 ρ relaxation time in brain regions increases with ageing: an experimental MRI observation in rats. <i>British Journal of Radiology</i> , 2016 , 89, 20140704	3.4	7
209	Comparison of three approaches for defining nucleus pulposus and annulus fibrosus on sagittal magnetic resonance images of the lumbar spine. <i>Journal of Orthopaedic Translation</i> , 2016 , 6, 34-41	4.2	10
208	Synthesis of Absorption-Dominant Small Gold Nanorods and Their Plasmonic Properties. <i>Langmuir</i> , 2015 , 31, 7418-26	4	61
207	Long-term total sleep deprivation decreases the default spontaneous activity and connectivity pattern in healthy male subjects: a resting-state fMRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 761-72	3.1	67
206	High Performance Photoluminescent Carbon Dots for In Vitro and In Vivo Bioimaging: Effect of Nitrogen Doping Ratios. <i>Langmuir</i> , 2015 , 31, 8063-73	4	146
205	Src inhibitor reduces permeability without disturbing vascularization and prevents bone destruction in steroid-associated osteonecrotic lesions in rabbits. <i>Scientific Reports</i> , 2015 , 5, 8856	4.9	6
204	Continued progression of lumbar disc degeneration in postmenopausal women. <i>Climacteric</i> , 2015 , 18, 435	3.1	8
203	Scientific and industrial challenges of developing nanoparticle-based theranostics and multiple-modality contrast agents for clinical application. <i>Nanoscale</i> , 2015 , 7, 16146-50	7.7	22

202	Disorder enhanced conductance in graphene. <i>Physica B: Condensed Matter</i> , 2015 , 478, 84-88	2.8	3
201	three-dimensional magnetic resonance imaging of rat knee osteoarthritis model induced using meniscal transection. <i>Journal of Orthopaedic Translation</i> , 2015 , 3, 134-141	4.2	7
200	Postmenopausal Chinese women show accelerated lumbar disc degeneration compared with Chinese men. <i>Journal of Orthopaedic Translation</i> , 2015 , 3, 205-211	4.2	22
199	Metal-Organic Framework-Based Nanomedicine Platforms for Drug Delivery and Molecular Imaging. <i>Small</i> , 2015 , 11, 4806-22	11	306
198	Blockage of Src by Specific siRNA as a Novel Therapeutic Strategy to Prevent Destructive Repair in Steroid-Associated Osteonecrosis in Rabbits. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 2044-57	6.3	25
197	Rapid increase in marrow fat content and decrease in marrow perfusion in lumbar vertebra following bilateral oophorectomy: an MR imaging-based prospective longitudinal study. <i>Korean Journal of Radiology</i> , 2015 , 16, 154-9	6.9	15
196	Current status of superparamagnetic iron oxide contrast agents for liver magnetic resonance imaging. <i>World Journal of Gastroenterology</i> , 2015 , 21, 13400-2	5.6	144
195	Epidemiological investigation of 264 sporadic cases of ruptured cerebral aneurysm at a single institution in southwest China. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 1609-14	3.1	7
194	PANDA-T1 ρ Integrating principal component analysis and dictionary learning for fast T1 ρ mapping. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 263-72	4.4	35
193	Curcumin-conjugated magnetic nanoparticles for detecting amyloid plaques in Alzheimer's disease mice using magnetic resonance imaging (MRI). <i>Biomaterials</i> , 2015 , 44, 155-72	15.6	194
192	Cerebellar cryptococcosis characterized by a space-occupying lesion in an immunocompetent non-HIV patient. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 21-4	3.1	4
191	On the training of young doctors in China. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 182-5	3.6	6
190	English language usage pattern in China mainland doctors: AME survey-001 initial analysis results. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 174-81	3.6	8
189	Physical scientists research biomedicine: a call for caution. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2015 , 27, 94-5	3.8	5
188	A long way ahead to improve the cost-effectiveness of biomedical research in China. <i>Journal of Thoracic Disease</i> , 2015 , 7, E62-4	2.6	4
187	Why so many Chinese clinical doctors are competing for basic research grants?. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 489-90	3.6	2
186	Top five medical innovations in China mainland since Xinhai revolution [1911]: results of AME survey-002. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 453-66	3.6	7
185	Why China is currently underperforming in medical innovation and what China can do about it?-Part II. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 335-9	3.6	2

184	Why China is currently underperforming in medical innovation and what China can do about it?-Part I. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 332-4	3.6	3
183	Income of medical doctors in Germany. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 488	3.6	1
182	Why China is currently underperforming in medical innovation and what China can do about it?-Part III: social psychology and evolutionary psychology perspectives. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 494-502	3.6	1
181	On pancreatic cancer screening by magnetic resonance imaging with the recent evidence by Del Chiaro and colleagues. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2015 , 27, 417-22	3.8	1
180	AME survey-003 A1-part1: in current China, do you regret you joined the medical profession. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 765-73	3.6	5
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1	Dependence of Intravoxel Incoherent Motion diffusion MR threshold b-value selection for separating perfusion and diffusion compartments and liver fibrosis diagnostic performance		1