YÃ¬ XiÃ¡ng J WÃ¡ng

List of Publications by Year
in descending order

348 papers	15,485 citations	22099 59 h-index	23472 111 g-index
374 all docs	374 docs citations	374 times ranked	20655 citing authors

#	Article	IF	Citations
1	Fine-tuning the cutpoint T-score as an epidemiological index with high specificity for osteoporosis: methodological considerations for the Chinese population. Quantitative Imaging in Medicine and Surgery, 2022, 12, 882-885.	1.1	7
2	â€˜Healthier Chinese spineâ€™: an update of osteoporotic fractures in men (MrOS) and in women (MsOS) Hong Kong spine radiograph studies. Quantitative Imaging in Medicine and Surgery, 2022, 12, 2090-2105.	1.1	20
3	Fragility fracture prevalence among elderly Chinese is no more than half of that of elderly Caucasians. Quantitative Imaging in Medicine and Surgery, 2022, 12, 874-881.	1.1	14
4	Generalization Challenges in Drug-Resistant Tuberculosis Detection from Chest X-rays. Diagnostics, 2022, 12, 188.	1.3	11
5	A rapid deteriorated primary cerebellar Burkitt lymphomas with tiger-striped appearance. Japanese Journal of Clinical Oncology, 2022, , .	0.6	0
6	Further evidence supports a much lower prevalence of radiographic osteoporotic vertebral fracture in Hong Kong Chinese women than in Italian Caucasian women. Archives of Osteoporosis, 2022, 17, 13.	1.0	6
7	Spleen in viral Hepatitis-B liver fibrosis patients may have a reduced level of per unit micro-circulation: non-invasive diffusion MRI evidence with a surrogate marker. SLAS Technology, 2022, 27, 187-194.	1.0	5
8	Several concerns on grading lumbar disc degeneration on MR image with Pfirrmann criteria. Journal of Orthopaedic Translation, 2022, 32, 101-102.	1.9	4
9	Current Concepts in Imaging Diagnosis and Screening of Blunt Cerebrovascular Injuries. Tomography, 2022, 8, 402-413.	0.8	4
10	Osteoporotic vertebral endplate and/or cortex fracture is not always radiographically detectable. Osteoporosis International, 2022, , 1.	1.3	4
11	CT detects more osteoporotic endplate depressions than radiograph: a descriptive comparison of 76 vertebrae. Osteoporosis International, 2022, 33, 1569-1577.	1.3	9
12	Transforming a clinical fluorescent dye to sense and treat iron overload disorders: a new reverse translational approach in precision medicine. Quantitative Imaging in Medicine and Surgery, 2022, 12, 3020-3023.	1.1	1
13	Annotations of Lung Abnormalities in the Shenzhen Chest X-ray Dataset for Computer-Aided Screening of Pulmonary Diseases. Data, 2022, 7, 95.	1.2	6
14	Dietary cholesterol drives fatty liver-associated liver cancer by modulating gut microbiota and metabolites. Gut, 2021, 70, 761-774.	6.1	382
15	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. NMR in Biomedicine, 2021, 34, e4449.	1.6	20
16	Interpretation of osteoporotic vertebral deformity on frontal view radiographs of the chest and abdomen: a pictorial review. Quantitative Imaging in Medicine and Surgery, 2021, 11, 423-442.	1.1	5
17	T1rho shortening effect of fat in liver steatosis after fat suppression: approximate estimation in a methionine and choline-deficient (MCD) diet rat model. Quantitative Imaging in Medicine and Surgery, 2021, 11, 870-875.	1.1	4
18	Observed paradoxical perfusion fraction elevation in steatotic liver: An example of intravoxel incoherent motion modeling of the perfusion component constrained by the diffusion component. NMR in Biomedicine, 2021, 34, e4488.	1.6	16

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19	Evidence of Tri-Exponential Decay for Liver Intravoxel Incoherent Motion MRI: A Review of Published Results and Limitations. Diagnostics, 2021, 11, 379.	1.3	18
20	Endoscopy-assisted magnetic navigation of biohybrid soft microrobots with rapid endoluminal delivery and imaging. Science Robotics, 2021, 6, .	9.9	164
21	Different tissue types display different signal intensities on b =â€‰0 images and the implications of this for intravoxel incoherent motion analysis: Examples from liver MRI. NMR in Biomedicine, 2021, 34, e4522.	1.6	8
22	Illustration of a number of atypical computed tomography manifestations of active pulmonary tuberculosis. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1651-1667.	1.1	5
23	Physiological variation of liver iron concentration may not be dominantly responsible for the liver T1rho variations associated with age and gender. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1668-1673.	1.1	3
24	Improving osteoporotic vertebral deformity detection on chest frontal view radiograph by adjusted X-ray beam positioning. Journal of Orthopaedic Translation, 2021, 28, 169-178.	1.9	3
25	A reduction of perfusion can lead to an artificial elevation of slow diffusion measure: examples in acute brain ischemia MRI intravoxel incoherent motion studies. Annals of Translational Medicine, 2021, 9, 895-895.	0.7	9
26	Mutual constraining of slow component and fast component measures: some observations in liver IVIM imaging. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2879-2887.	1.1	14
27	Citrate-Coated Magnetic Polyethyleneimine Composites for Plasmid DNA Delivery into Glioblastoma. Polymers, 2021, 13, 2228.	2.0	2
28	Gender-specific liver aging and magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2893-2904.	1.1	8
29	More promising results of liver intravoxel incoherent motion imaging analysis for the assessment of nonalcoholic steatohepatitis and fibrosis. Annals of Translational Medicine, 2021, 9, 1283-1283.	0.7	1
30	Usefulness of diffusion derived vessel density computed from a simplified IVIM imaging protocol: An experimental study with rat biliary duct blockage induced liver fibrosis. Magnetic Resonance Imaging, 2021, 84, 115-123.	1.0	7
31	Diffusion-weighted MRI of the liver: challenges and some solutions for the quantification of apparent diffusion coefficient and intravoxel incoherent motion. American Journal of Nuclear Medicine and Molecular Imaging, 2021, 11, 107-142.	1.0	4
32	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. Archives of Osteoporosis, 2021, 16, 174.	1.0	22
33	Association between cine CMR-based radiomics signature and microvascular obstruction in patients with ST-segment elevation myocardial infarction. Journal of Thoracic Disease, 2021, 14, 0-0.	0.6	3
34	Topically applied adipose-derived mesenchymal stem cell treatment in experimental focal cerebral ischemia. Journal of Clinical Neuroscience, 2020, 71, 226-233.	0.8	8
35	Underreporting characteristics of osteoporotic vertebral fracture in back pain clinic patients of a tertiary hospital in China. Journal of Orthopaedic Translation, 2020, 23, 152-158.	1.9	11
36	Chinese expert consensus on the diagnosis of osteoporosis by imaging and bone mineral density. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2066-2077.	1.1	40

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37	Osteoporotic Vertebral Deformity: Radiological Appearances and Their Association With a History of Trauma and the Risk of Further Fragility Fracture. Canadian Association of Radiologists Journal, 2020, 72, 084653712095847.	1.1	9
38	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. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2307-2321.	1.1	16
39	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. Archives of Osteoporosis, 2020, 15, 176.	1.0	19
40	Radiographic osteoporotic vertebral fractures in elderly men: a brief review focusing on differences between the sexes. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1863-1876.	1.1	19
41	Diagnosis and grading of radiographic osteoporotic vertebral deformity by general radiologists after a brief self-learning period. Journal of Thoracic Disease, 2020, 12, 4702-4710.	0.6	7
42	Medical Imaging Engineering and Technology Branch of the Chinese Society of Biomedical Engineering expert consensus on the application of Emergency Mobile Cabin CT. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2191-2207.	1.1	3
43	The role of radiography in the study of spinal disorders. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2322-2355.	1.1	27
44	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. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1396-1400.	1.1	5
45	Chest lesion CT radiological features and quantitative analysis in RT-PCR turned negative and clinical symptoms resolved COVID-19 patients. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1307-1317.	1.1	17
46	Pre-treatment intravoxel incoherent motion diffusion-weighted imaging predicts treatment outcome in nasopharyngeal carcinoma. European Journal of Radiology, 2020, 129, 109127.	1.2	18
47	Recognizing osteoporotic vertebral deformity on frontal view radiograph: a cohort analysis and a pictorial review. Archives of Osteoporosis, 2020, 15, 41.	1.0	9
48	The role of CT for Covid-19 patientâ€™s management remains poorly defined. Annals of Translational Medicine, 2020, 8, 145-145.	0.7	46
49	The open access financial model hinders the growth of medical physics research in lowâ€•and middleâ€income countries. Medical Physics, 2020, 47, 5972-5975.	1.6	5
50	Pre-treatment amide proton transfer imaging predicts treatment outcome in nasopharyngeal carcinoma. European Radiology, 2020, 30, 6339-6347.	2.3	17
51	Existing severe osteoporotic vertebral fractures in elderly Chinese males were only weakly associated with higher further vertebral fracture risk at year-4 follow-up. Osteoporosis International, 2020, 31, 1593-1594.	1.3	9
52	Macromolecular proton fraction mapping based on spinâ€lock magnetic resonance imaging. Magnetic Resonance in Medicine, 2020, 84, 3157-3171.	1.9	6
53	Semi-quantitative grading and extended semi-quantitative grading for osteoporotic vertebral deformity: a radiographic image database for education and calibration. Annals of Translational Medicine, 2020, 8, 398-398.	0.7	31
54	A call for caution in extrapolating chest CT sensitivity for COVID-19 derived from hospital data to patients among general population. Quantitative Imaging in Medicine and Surgery, 2020, 10, 798-799.	1.1	17

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55	Diffusion MRI Derived per Area Vessel Density as a Surrogate Biomarker for Detecting Viral Hepatitis B-Induced Liver Fibrosis: A Proof-of-Concept Study. SLAS Technology, 2020, 25, 474-483.	1.0	21
56	Radiological features of traumatic vertebral endplate fracture: an analysis of 194 cases with 263 vertebral fractures. Chinese Medical Journal, 2020, 133, 2696-2702.	0.9	18
57	Dependence of intravoxel incoherent motion diffusion MR threshold b-value selection for separating perfusion and diffusion compartments and liver fibrosis diagnostic performance. Acta Radiologica, 2019, 60, 3-12.	0.5	19
58	Comparison of triâ€exponential decay versus biâ€exponential decay and full fitting versus segmented fitting for modeling liver intravoxel incoherent motion diffusion MRI. NMR in Biomedicine, 2019, 32, e4155.	1.6	25
59	Updates on 18F-FDG-PET/CT as a clinical tool for tuberculosis evaluation and therapeutic monitoring. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1132-1146.	1.1	35
60	A modified semi-quantitative (mSQ) grading scheme for osteoporotic vertebral fracture in elderly women. Quantitative Imaging in Medicine and Surgery, 2019, 9, 146-150.	1.1	19
61	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. Osteoporosis International, 2019, 30, 2505-2514.	1.3	17
62	An update on PET-based molecular imaging in neuro-oncology: challenges and implementation for a precision medicine approach in cancer care. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1597-1610.	1.1	26
63	Osteoporotic vertebral deformity with endplate/cortex fracture is associated with higher further vertebral fracture risk: the Ms. OS (Hong Kong) study results. Osteoporosis International, 2019, 30, 897-905.	1.3	49
64	Living tissue intravoxel incoherent motion (IVIM) diffusion MR analysis without b=0 image: an example for liver fibrosis evaluation. Quantitative Imaging in Medicine and Surgery, 2019, 9, 127-133.	1.1	27
65	Some radiographically â€˜occultâ€™ osteoporotic vertebral fractures can be evidential if we look carefully. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1992-1995.	1.1	13
66	On the possibility of over-diagnosis of osteoporotic vertebral fracture at mid-thoracic level. Journal of Thoracic Disease, 2019, 11, 5708-5711.	0.6	15
67	Topics on quantitative liver magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1840-1890.	1.1	31
68	Amide proton transfer MRI detects early changes in nasopharyngeal carcinoma: providing a potential imaging marker for treatment response. European Archives of Oto-Rhino-Laryngology, 2019, 276, 505-512.	0.8	13
69	Osteoporotic Vertebral Fracture Prevalence in Elderly Chinese Men and Women: A Comparison of Endplate/Cortex Fractureâ€“Based and Morphometrical Deformityâ€“Based Methods. Journal of Clinical Densitometry, 2019, 22, 409-419.	0.5	38
70	High performance of intravoxel incoherent motion diffusion MRI in detecting viral hepatitis-b induced liver fibrosis. Annals of Translational Medicine, 2019, 7, 39-39.	0.7	24
71	MR imaging for acute pancreatitis: the current status of clinical applications. Annals of Translational Medicine, 2019, 7, 269-269.	0.7	27
72	Prevalence of cervical spine degenerative changes in elderly population and its weak association with aging, neck pain, and osteoporosis. Annals of Translational Medicine, 2019, 7, 486-486.	0.7	31

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73	Intravoxel incoherent motion derived liver perfusion/diffusion readouts can be reliable biomarker for the detection of viral hepatitis B induced liver fibrosis. Quantitative Imaging in Medicine and Surgery, 2019, 9, 371-371.	1.1	25
74	Removal of evidential motion-contaminated and poorly fitted image data improves IVIM diffusion MRI parameter scanâ€“rescan reproducibility. Acta Radiologica, 2018, 59, 1157-1167.	0.5	23
75	MR imaging of hemorrhage associated with acute pancreatitis. Pancreatology, 2018, 18, 363-369.	0.5	18
76	No inferiority of Tonbridge thrombectomy device for acute thrombus retrial compared with Solitaire device: an experimental evaluation with a canine distal external carotid-maxillary artery occlusion model. Journal of NeuroInterventional Surgery, 2018, 10, 1085-1091.	2.0	10
77	Elderly population have a decreased aneurysmal subarachnoid hemorrhage incidence rate than Middle aged population: a descriptive analysis of 8,144 cases in mainland China. British Journal of Neurosurgery, 2018, 32, 165-171.	0.4	5
78	A Combined Use of Intravoxel Incoherent Motion MRI Parameters Can Differentiate Early-Stage Hepatitis-b Fibrotic Livers from Healthy Livers. SLAS Technology, 2018, 23, 259-268.	1.0	31
79	Breath-hold black-blood T1rho mapping improves liver T1rho quantification in healthy volunteers. Acta Radiologica, 2018, 59, 257-265.	0.5	13
80	Age- and Gender-Associated Liver Physiological T1rho Dynamics Demonstrated with a Clinically Applicable Single-Breathhold Acquisition. SLAS Technology, 2018, 23, 179-187.	1.0	15
81	Thoracolumbar Intervertebral Disc Area Morphometry in Elderly Chinese Men and Women. Spine, 2018, 43, E607-E614.	1.0	15
82	Senile osteoporosis is associated with disc degeneration. Quantitative Imaging in Medicine and Surgery, 2018, 8, 551-556.	1.1	23
83	Functional probes for cardiovascular molecular imaging. Quantitative Imaging in Medicine and Surgery, 2018, 8, 838-852.	1.1	14
84	Orthopaedic imaging for translational research and clinical application. Journal of Orthopaedic Translation, 2018, 15, A1-A2.	1.9	2
85	Osteoporotic vertebral endplate and cortex fractures: A pictorial review. Journal of Orthopaedic Translation, 2018, 15, 35-49.	1.9	36
86	Informed appropriate imaging for low back pain management: A narrative review. Journal of Orthopaedic Translation, 2018, 15, 21-34.	1.9	38
87	Appropriate Normal Range of Lumbar Disc T1rho of Men and Women with Respect to Physiological Aging. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 560-560.	0.7	1
88	SCOPE: signal compensation for low-rank plus sparse matrix decomposition for fast parameter mapping. Physics in Medicine and Biology, 2018, 63, 185009.	1.6	15
89	Radiological signs associated with pulmonary multi-drug resistant tuberculosis: an analysis of published evidences. Quantitative Imaging in Medicine and Surgery, 2018, 8, 161-173.	1.1	48
90	All osteoporotically deformed vertebrae with >34% height loss have radiographically identifiable endplate/cortex fracture. Journal of Orthopaedic Translation, 2018, 14, 63-66.	1.9	26

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91	Head and Neck Tumors: Amide Proton Transfer MRI. Radiology, 2018, 288, 782-790.	3.6	47
92	Prevalent osteoporotic vertebral fractures more likely involve the upper endplate than the lower endplate and even more so in males. Annals of Translational Medicine, 2018, 6, 442-442.	0.7	22
93	Informed communication with study subjects of radiographically detected osteoporotic vertebral deformity. Quantitative Imaging in Medicine and Surgery, 2018, 8, 876-880.	1.1	14
94	Topical Application of Mesenchymal Stromal Cells Ameliorated Liver Parenchyma Damage After Ischemia-Reperfusion Injury in an Animal Model. Transplantation Direct, 2017, 3, e160.	0.8	5
95	Ultra-high loading of sinoporphyrin sodium in ferritin for single-wave motivated photothermal and photodynamic co-therapy. Biomaterials Science, 2017, 5, 1512-1516.	2.6	40
96	Bi-phase age-related brain gray matter magnetic resonance T1Ï•relaxation time change in adults. Magnetic Resonance Imaging, 2017, 39, 200-205.	1.0	13
97	Lumbar degenerative spondylolisthesis epidemiology: A systematic review with a focus on gender-specific and age-specific prevalence. Journal of Orthopaedic Translation, 2017, 11, 39-52.	1.9	114
98	Multifunctional biohybrid magnetite microrobots for imaging-guided therapy. Science Robotics, 2017, 2, .	9.9	594
99	Hedgehog signaling in bone regulates whole-body energy metabolism through a boneâ€“adipose endocrine relay mediated by PTHrP and adiponectin. Cell Death and Differentiation, 2017, 24, 225-237.	5.0	19
100	On Magnetic Resonance Imaging of Intervertebral Disc Aging. Sports Medicine, 2017, 47, 187-188.	3.1	5
101	Menopause as a potential cause for higher prevalence of low back pain in women than in age-matched men. Journal of Orthopaedic Translation, 2017, 8, 1-4.	1.9	32
102	A comprehensive literatures update of clinical researches of superparamagnetic resonance iron oxide nanoparticles for magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2017, 7, 88-122.	1.1	177
103	How liver pathologies contribute to T1rho contrast require more careful studies. Quantitative Imaging in Medicine and Surgery, 2017, 7, 608-613.	1.1	15
104	Preface to 2017 focused issue: Quantitative Imaging of Thoracic Diseases. Journal of Thoracic Disease, 2017, 9, 4723-4723.	0.6	0
105	Identifying osteoporotic vertebral endplate and cortex fractures. Quantitative Imaging in Medicine and Surgery, 2017, 7, 555-591.	1.1	67
106	Liver intravoxel incoherent motion (IVIM) magnetic resonance imaging: a comprehensive review of published data on normal values and applications for fibrosis and tumor evaluation. Quantitative Imaging in Medicine and Surgery, 2017, 7, 59-78.	1.1	113
107	Primary thyroid lymphoma: CT findings of a rare malignant tumor with pathologic correlations. Translational Cancer Research, 2017, 6, 578-587.	0.4	3
108	Preface to 2017 focused issue: Translational Imaging in Cancer Patient Care. Translational Cancer Research, 2017, 6, 1028-1031.	0.4	0

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109	Intra-arterial delivery of superparamagnetic iron-oxide nanoshell and polyvinyl alcohol based chemoembolization system for the treatment of liver tumor. Discovery Medicine, 2017, 23, 27-39.	0.5	9
110	Gender Differences in Regional Brain Activity in Patients with Chronic Primary Insomnia: Evidence from a Resting-State fMRI Study. Journal of Clinical Sleep Medicine, 2016, 12, 363-374.	1.4	94
111	A higher aneurysmal subarachnoid hemorrhage incidence in women prior to menopause: a retrospective analysis of 4,895 cases from eight hospitals in China. Quantitative Imaging in Medicine and Surgery, 2016, 6, 151-156.	1.1	19
112	Will the science and technology gap between China and USA becomes narrower, wider, or stay in the same in 50 yearsâ€™ time?. Quantitative Imaging in Medicine and Surgery, 2016, 6, 233-237.	1.1	1
113	South Korean degenerative spondylolisthesis patients had surgical treatment at earlier age than Japanese, American, and European patients: a published literature observation. Quantitative Imaging in Medicine and Surgery, 2016, 6, 785-790.	1.1	6
114	Breath-hold black blood quantitative T1rho imaging of liver using single shot fast spin echo acquisition. Quantitative Imaging in Medicine and Surgery, 2016, 6, 168-177.	1.1	26
115	Systemic review and meta-analysis of diagnostic imaging technologies. Quantitative Imaging in Medicine and Surgery, 2016, 6, 615-618.	1.1	4
116	Towards consistency for magnetic resonance (MR) relaxometry of lumbar intervertebral discs. Quantitative Imaging in Medicine and Surgery, 2016, 6, 474-477.	1.1	5
117	Black blood T1rho MR imaging may diagnose early stage liver fibrosis: a proof-of-principle study with rat biliary duct ligation model. Quantitative Imaging in Medicine and Surgery, 2016, 6, 353-363.	1.1	24
118	Improvement in the Detection of Cystic Metastatic Papillary Thyroid Carcinoma by Measurement of Thyroglobulin in Aspirated Fluid. BioMed Research International, 2016, 2016, 1-6.	0.9	6
119	Increased low back pain prevalence in females than in males after menopause age: evidences based on synthetic literature review. Quantitative Imaging in Medicine and Surgery, 2016, 6, 199-206.	1.1	157
120	Magnetic resonance imaging of retroperitoneal interfascial plane involvement in acute pancreatitis. Quantitative Imaging in Medicine and Surgery, 2016, 6, 250-258.	1.1	9
121	Lumbar Spondylolisthesis Progression and De Novo Spondylolisthesis in Elderly Chinese Men and Women. Spine, 2016, 41, 1096-1103.	1.0	32
122	Melamine Impairs Renal and Vascular Function in Rats. Scientific Reports, 2016, 6, 28041.	1.6	10
123	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. Molecular Imaging and Biology, 2016, 18, 274-282.	1.3	27
124	T1Ï•relaxation time in brain regions increases with ageing: an experimental MRI observation in rats. British Journal of Radiology, 2016, 89, 20140704.	1.0	10
125	Comparison of three approaches for definingÂnucleus pulposus and annulus fibrosus on sagittal magnetic resonance images of the lumbar spine. Journal of Orthopaedic Translation, 2016, 6, 34-41.	1.9	14
126	Superparamagnetic Iron Oxide Nanoparticles for Cellular Imaging and Targeted Therapy: Opportunities and Challenges for Clinical Translation. , 2016, , 29-51.		1

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127	Myocardial T₁rho mapping of patients with endâ€stage renal disease and its comparison with T₁ mapping and T₂ mapping: A feasibility and reproducibility study. Journal of Magnetic Resonance Imaging, 2016, 44, 723-731.	1.9	25
128	Bilateral Common Carotid Artery Occlusion in Spontaneously Hypertensive Rats: A Feasible Animal Model for Ocular Ischemic Syndrome. Anatomical Record, 2016, 299, 806-814.	0.8	4
129	Imaging-guided delivery of RNAi for anticancer treatment. Advanced Drug Delivery Reviews, 2016, 104, 44-60.	6.6	102
130	High Serum SHBG Predicts Incident Vertebral Fractures in Elderly Men. Journal of Bone and Mineral Research, 2016, 31, 683-689.	3.1	38
131	Chemical exchange saturation transfer (CEST) MR technique for in-vivo liver imaging at 3.0 tesla. European Radiology, 2016, 26, 1792-1800.	2.3	19
132	Using Gelatin Nanoparticle Mediated Intranasal Delivery of Neuropeptide Substance P to Enhance Neuro-Recovery in Hemiparkinsonian Rats. PLoS ONE, 2016, 11, e0148848.	1.1	38
133	Contrast enhanced ultrasound guided biopsy shows higher positive sampling rate than conventional ultrasound guided biopsy for gastrointestinal stromal tumors diagnosis. Translational Cancer Research, 2016, 5, 152-159.	0.4	2
134	Evaluation of Glycosaminoglycan in the Lumbar Disc Using Chemical Exchange Saturation Transfer MR at 3.0 Tesla: Reproducibility and Correlation with Disc Degeneration. Biomedical and Environmental Sciences, 2016, 29, 47-55.	0.2	8
135	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. Quantitative Imaging in Medicine and Surgery, 2016, 6, 84-102.	1.1	6
136	Biomedical imaging in translational orthopaedic research. Journal of Orthopaedic Translation, 2015, 3, 157-159.	1.9	2
137	InÂvivo three-dimensional magnetic resonance imaging of rat knee osteoarthritis model induced using meniscal transection. Journal of Orthopaedic Translation, 2015, 3, 134-141.	1.9	8
138	Postmenopausal Chinese women show accelerated lumbar disc degeneration compared with Chinese men. Journal of Orthopaedic Translation, 2015, 3, 205-211.	1.9	36
139	Metalâ€“Organic Frameworkâ€Based Nanomedicine Platforms for Drug Delivery and Molecular Imaging. Small, 2015, 11, 4806-4822.	5.2	375
140	Blockage of Src by Specific siRNA as a Novel Therapeutic Strategy to Prevent Destructive Repair in Steroid-Associated Osteonecrosis in Rabbits. Journal of Bone and Mineral Research, 2015, 30, 2044-2057.	3.1	26
141	Rapid Increase in Marrow Fat Content and Decrease in Marrow Perfusion in Lumbar Vertebra Following Bilateral Oophorectomy: An MR Imaging-Based Prospective Longitudinal Study. Korean Journal of Radiology, 2015, 16, 154.	1.5	19
142	Current status of superparamagnetic iron oxide contrast agents for liver magnetic resonance imaging. World Journal of Gastroenterology, 2015, 21, 13400.	1.4	185
143	Epidemiological investigation of 264 sporadic cases of ruptured cerebral aneurysm at a single institution in southwest China. Neuropsychiatric Disease and Treatment, 2015, 11, 1609.	1.0	7
144	PANDAâ€T1Ï• Integrating principal component analysis and dictionary learning for fast T1Ï•mapping. Magnetic Resonance in Medicine, 2015, 73, 263-272.	1.9	40

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145	Curcumin-conjugated magnetic nanoparticles for detecting amyloid plaques in Alzheimer's disease mice using magnetic resonance imaging (MRI). Biomaterials, 2015, 44, 155-172.	5.7	240
146	Synthesis of Absorption-Dominant Small Gold Nanorods and Their Plasmonic Properties. Langmuir, 2015, 31, 7418-7426.	1.6	76
147	Long-term total sleep deprivation decreases the default spontaneous activity and connectivity pattern in healthy male subjects: a resting-state fMRI study. Neuropsychiatric Disease and Treatment, 2015, 11, 761.	1.0	95
148	High Performance Photoluminescent Carbon Dots for In Vitro and In Vivo Bioimaging: Effect of Nitrogen Doping Ratios. Langmuir, 2015, 31, 8063-8073.	1.6	175
149	Src inhibitor reduces permeability without disturbing vascularization and prevents bone destruction in steroid-associated osteonecrotic lesions in rabbits. Scientific Reports, 2015, 5, 8856.	1.6	6
150	Continued progression of lumbar disc degeneration in postmenopausal women. Climacteric, 2015, 18, 435-435.	1.1	10
151	Scientific and industrial challenges of developing nanoparticle-based theranostics and multiple-modality contrast agents for clinical application. Nanoscale, 2015, 7, 16146-16150.	2.8	24
152	Disorder enhanced conductance in graphene. Physica B: Condensed Matter, 2015, 478, 84-88.	1.3	4
153	Application of Molecular Imaging Technologies in Antitumor Drug Development and Therapy. Current Pharmaceutical Design, 2015, 21, 2136-2146.	0.9	8
154	Opportunities and Challenges of Fluorescent Carbon Dots in Translational Optical Imaging. Current Pharmaceutical Design, 2015, 21, 5401-5416.	0.9	61
155	Transcatheter embolization therapy in liver cancer: an update of clinical evidences. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2015, 27, 96-121.	0.7	67
156	Exponential growth of publications on carbon nanodots by Chinese authors. Journal of Thoracic Disease, 2015, 7, E201-5.	0.6	10
157	Evaluation of biocompatible alginate- and deferoxamine-coated ternary composites for magnetic resonance imaging and gene delivery into glioblastoma cells. Quantitative Imaging in Medicine and Surgery, 2015, 5, 382-91.	1.1	5
158	Total gadolinium tissue deposition and skin structural findings following the administration of structurally different gadolinium chelates in healthy and ovariectomized female rats. Quantitative Imaging in Medicine and Surgery, 2015, 5, 534-45.	1.1	29
159	Recent advances in surgical planning & navigation for tumor biopsy and resection. Quantitative Imaging in Medicine and Surgery, 2015, 5, 640-8.	1.1	10
160	AME survey-003 A1-part 2: the motivation factors of medical doctors in China. Quantitative Imaging in Medicine and Surgery, 2015, 5, 917-24.	1.1	10
161	Late postpartum eclampsia complicated with posterior reversible encephalopathy syndrome: a case report and a literature review. Quantitative Imaging in Medicine and Surgery, 2015, 5, 909-16.	1.1	21
162	T1Ï•magnetic resonance: basic physics principles and applications in knee and intervertebral disc imaging. Quantitative Imaging in Medicine and Surgery, 2015, 5, 858-85.	1.1	62

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163	Double contrast percutaneous transhepatic cholangiographic CT in patients with obstructive jaundice: an initial experience of 7 cases.. Journal of the Belgian Society of Radiology, 2015, 95, 251.	0.2	2
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