

# Suh Jin-suck

## List of Publications by Year in descending order

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251  
papers

12,669  
citations

47006

47  
h-index

27406

106  
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261  
all docs

261  
docs citations

261  
times ranked

15810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificially engineered magnetic nanoparticles for ultra-sensitive molecular imaging. <i>Nature Medicine</i> , 2007, 13, 95-99.	30.7	1,756
2	Nanoscale Size Effect of Magnetic Nanocrystals and Their Utilization for Cancer Diagnosis via Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2005, 127, 5732-5733.	13.7	1,131
3	In Vivo Magnetic Resonance Detection of Cancer by Using Multifunctional Magnetic Nanocrystals. <i>Journal of the American Chemical Society</i> , 2005, 127, 12387-12391.	13.7	829
4	Overcoming Artifacts from Metallic Orthopedic Implants at High-Field-Strength MR Imaging and Multi-detector CT. <i>Radiographics</i> , 2007, 27, 791-803.	3.3	479
5	Convertible Organic Nanoparticles for Near-Infrared Photothermal Ablation of Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 441-444.	13.8	440
6	Multifunctional Magneto-Polymeric Nanohybrids for Targeted Detection and Synergistic Therapeutic Effects on Breast Cancer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8836-8839.	13.8	311
7	Surface Modulation of Magnetic Nanocrystals in the Development of Highly Efficient Magnetic Resonance Probes for Intracellular Labeling. <i>Journal of the American Chemical Society</i> , 2005, 127, 9992-9993.	13.7	299
8	Metal artefact reduction in gemstone spectral imaging dual-energy CT with and without metal artefact reduction software. <i>European Radiology</i> , 2012, 22, 1331-1340.	4.5	236
9	Hollow Silica Nanocontainers as Drug Delivery Vehicles. <i>Langmuir</i> , 2008, 24, 3417-3421.	3.5	230
10	pH-Triggered Drug-Releasing Magnetic Nanoparticles for Cancer Therapy Guided by Molecular Imaging by MRI. <i>Advanced Materials</i> , 2011, 23, 2436-2442.	21.0	194
11	Scoliosis Imaging: What Radiologists Should Know. <i>Radiographics</i> , 2010, 30, 1823-1842.	3.3	187
12	Antibody conjugated magnetic PLGA nanoparticles for diagnosis and treatment of breast cancer. <i>Journal of Materials Chemistry</i> , 2007, 17, 2695.	6.7	176
13	Nanoparticle-enabled terahertz imaging for cancer diagnosis. <i>Optics Express</i> , 2009, 17, 3469.	3.4	161
14	Prostate cancer cell death produced by the co-delivery of Bcl-xL shRNA and doxorubicin using an aptamer-conjugated polyplex. <i>Biomaterials</i> , 2010, 31, 4592-4599.	11.4	153
15	Smart Drug-Loaded Polymer Gold Nanoshells for Systemic and Localized Therapy of Human Epithelial Cancer. <i>Advanced Materials</i> , 2009, 21, 4339-4342.	21.0	151
16	Chronic Tibiofibular Syndesmosis Injury: The Diagnostic Efficiency of Magnetic Resonance Imaging and Comparative Analysis of Operative Treatment. <i>Foot and Ankle International</i> , 2007, 28, 336-342.	2.3	147
17	Study of freshly excised brain tissues using terahertz imaging. <i>Biomedical Optics Express</i> , 2014, 5, 2837.	2.9	145
18	Urchin-Shaped Manganese Oxide Nanoparticles as pH-Responsive Activatable Contrast Agents for Magnetic Resonance Imaging. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10589-10593.	13.8	141

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19	Extraaxial Neurofibromas Versus Neurilemmomas: Discrimination with MRI. American Journal of Roentgenology, 2004, 183, 629-633.	2.2	137
20	Prognostic implications of PD-L1 expression in patients with soft tissue sarcoma. BMC Cancer, 2016, 16, 434.	2.6	124
21	Role of magnetic resonance imaging in entrapment and compressive neuropathy—what, where, and how to see the peripheral nerves on the musculoskeletal magnetic resonance image: part 1. Overview and lower extremity. European Radiology, 2007, 17, 139-149.	4.5	119
22	Role of magnetic resonance imaging in entrapment and compressive neuropathy—what, where, and how to see the peripheral nerves on the musculoskeletal magnetic resonance image: part 2. Upper extremity. European Radiology, 2007, 17, 509-522.	4.5	113
23	Hyaluronan-modified magnetic nanoclusters for detection of CD44-overexpressing breast cancer by MR imaging. Biomaterials, 2011, 32, 7941-7950.	11.4	104
24	Targetable Gold Nanorods for Epithelial Cancer Therapy Guided by Near-IR Absorption Imaging. Small, 2012, 8, 746-753.	10.0	98
25	Fluorescent magnetic nanohybrids as multimodal imaging agents for human epithelial cancer detection. Biomaterials, 2008, 29, 2548-2555.	11.4	91
26	Terahertz reflectometry imaging for low and high grade gliomas. Scientific Reports, 2016, 6, 36040.	3.3	90
27	Molecular imaging with terahertz waves. Optics Express, 2011, 19, 4009.	3.4	87
28	Intrinsic ligament and triangular fibrocartilage complex (TFCC) tears of the wrist: comparison of isovolumetric 3D-THRIVE sequence MR arthrography and conventional MR image at 3 T. Magnetic Resonance Imaging, 2013, 31, 221-226.	1.8	84
29	Consecutive Targetable Smart Nanoprobe for Molecular Recognition of Cytoplasmic microRNA in Metastatic Breast Cancer. ACS Nano, 2012, 6, 8525-8535.	14.6	83
30	Measurement depth enhancement in terahertz imaging of biological tissues. Optics Express, 2013, 21, 21299.	3.4	82
31	Synthesis of Ultrasensitive Magnetic Resonance Contrast Agents for Cancer Imaging Using PEG-Fatty Acid. Chemistry of Materials, 2007, 19, 3870-3876.	6.7	73
32	Specific Near-IR Absorption Imaging of Glioblastomas Using Integrin-Targeting Gold Nanorods. Advanced Functional Materials, 2011, 21, 1082-1088.	14.9	71
33	Imaging of Primary Chest Wall Tumors with Radiologic-Pathologic Correlation. Radiographics, 2011, 31, 749-770.	3.3	71
34	Feasibility of terahertz reflectometry for discrimination of human early gastric cancers. Biomedical Optics Express, 2015, 6, 1398.	2.9	69
35	Chondroblastoma: MR Characteristics with Pathologic Correlation. Journal of Computer Assisted Tomography, 1999, 23, 721-726.	0.9	68
36	Morton neuroma: evaluated with ultrasonography and MR imaging. Korean Journal of Radiology, 2007, 8, 148.	3.4	67

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37	Thiolated Dextran-Coated Gold Nanorods for Photothermal Ablation of Inflammatory Macrophages. <i>Langmuir</i> , 2010, 26, 17520-17527.	3.5	67
38	Anatomic Variations and MRI of the Intermalleolar Ligament. <i>American Journal of Roentgenology</i> , 2006, 186, 943-947.	2.2	64
39	Chitosan-based intelligent theragnosis nanocomposites enable pH-sensitive drug release with MR-guided imaging for cancer therapy. <i>Nanoscale Research Letters</i> , 2013, 8, 467.	5.7	64
40	Tumor Volume Change as a Predictor of Chemotherapeutic Response in Osteosarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2000, 376, 200-208.	1.5	63
41	Nanovesicle-mediated systemic delivery of microRNA-34a for CD44 overexpressing gastric cancer stem cell therapy. <i>Biomaterials</i> , 2016, 105, 12-24.	11.4	63
42	Bursitis in association with solitary osteochondromas presenting as mass lesions. <i>Skeletal Radiology</i> , 1991, 20, 513-516.	2.0	59
43	Subcutaneous and musculoskeletal sparganosis: imaging characteristics and pathologic correlation. <i>Skeletal Radiology</i> , 2000, 29, 402-408.	2.0	52
44	Self-assembled fluorescent magnetic nanoprobes for multimode-biomedical imaging. <i>Biomaterials</i> , 2010, 31, 9310-9319.	11.4	52
45	Gold Nanostructures as Photothermal Therapy Agent for Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 953-964.	1.7	51
46	Efficacy of Multidetector Row Computed Tomography of the Spine in Patients With Multiple Myeloma. <i>Journal of Computer Assisted Tomography</i> , 2007, 31, 342-347.	0.9	50
47	Anterior-inferior labral lesions of recurrent shoulder dislocation evaluated by MR arthrography in an adduction internal rotation (ADIR) position. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 29-35.	3.4	48
48	Usefulness of slice encoding for metal artifact correction (SEMAC) for reducing metallic artifacts in 3-T MRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 703-706.	1.8	48
49	Reassessment of alkaline phosphatase as serum tumor marker with high specificity in osteosarcoma. <i>Cancer Medicine</i> , 2017, 6, 1311-1322.	2.8	48
50	Soft Tissue Impingement Syndrome of the Ankle: Diagnostic Efficacy of MRI and Clinical Results after Arthroscopic Treatment. <i>Foot and Ankle International</i> , 2004, 25, 896-902.	2.3	47
51	A Biodegradable Polymersome Containing Bcl-2 siRNA and Doxorubicin as a Dual Delivery Vehicle for a Synergistic Anticancer Effect. <i>Macromolecular Bioscience</i> , 2013, 13, 745-754.	4.1	46
52	Chronic Tibiofibular Syndesmosis Injury of Ankle: Evaluation with Contrast-enhanced Fat-suppressed 3D Fast Spoiled Gradient-recalled Acquisition in the Steady State MR Imaging. <i>Radiology</i> , 2007, 242, 225-235.	7.3	44
53	Synthesis of gold nanorod-embedded polymeric nanoparticles by a nanoprecipitation method for use as photothermal agents. <i>Nanotechnology</i> , 2009, 20, 365602.	2.6	44
54	MR imaging of tuberculous arthritis: Clinical and experimental studies. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 185-189.	3.4	43

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55	Venous malformations: Sclerotherapy with a mixture of ethanol and lipiodol. CardioVascular and Interventional Radiology, 1997, 20, 268-273.	2.0	43
56	Anchored Proteinaseâ€Targetable Optomagnetic Nanoprobes for Molecular Imaging of Invasive Cancer Cells. Angewandte Chemie - International Edition, 2012, 51, 945-948.	13.8	42
57	Aptamer-modified magnetic nanoprobe for molecular MR imaging of VEGFR2 on angiogenic vasculature. Nanoscale Research Letters, 2013, 8, 399.	5.7	39
58	In Situ Detection of Live Cancer Cells by Using Bioprobes Based on Au Nanoparticles. Langmuir, 2008, 24, 12112-12115.	3.5	38
59	Br-Assisted Ostwald Ripening of Au Nanoparticles under H<sub>2</sub>O<sub>2</sub> Redox. Crystal Growth and Design, 2012, 12, 37-39.	3.0	38
60	Characterization of blood using terahertz waves. Journal of Biomedical Optics, 2013, 18, 107008.	2.6	38
61	In vivo MR Imaging of Tissue-engineered Human Mesenchymal Stem Cells Transplanted to Mouse: a Preliminary Study. Annals of Biomedical Engineering, 2006, 35, 101-108.	2.5	37
62	Cancer Diagnosis by Terahertz Molecular Imaging Technique. Journal of Infrared, Millimeter, and Terahertz Waves, 2012, 33, 74-81.	2.2	37
63	Synovitis and soft tissue impingement of the ankle: Assessment with enhanced three-dimensional FSPGR MR imaging. Journal of Magnetic Resonance Imaging, 2004, 19, 108-116.	3.4	36
64	Hyaluronic acid receptor-targetable imidazolized nanovectors for induction of gastric cancer cell death by RNA interference. Biomaterials, 2013, 34, 4327-4338.	11.4	36
65	Comparison of Multi-Echo Dixon Methods with Volume Interpolated Breath-Hold Gradient Echo Magnetic Resonance Imaging in Fat-Signal Fraction Quantification of Paravertebral Muscle. Korean Journal of Radiology, 2015, 16, 1086.	3.4	36
66	Pain Palliation in Patients with Bone Metastases Using Magnetic Resonance-Guided Focused Ultrasound with Conformal Bone System: A Preliminary Report. Yonsei Medical Journal, 2015, 56, 503.	2.2	36
67	MR Appearance of Distal Femoral Cortical Irregularity (Cortical Desmoid). Journal of Computer Assisted Tomography, 1996, 20, 328-332.	0.9	36
68	Sensitive Angiogenesis Imaging of Orthotopic Bladder Tumors in Mice Using a Selective Magnetic Resonance Imaging Contrast Agent Containing VEGF121/rGel. Investigative Radiology, 2011, 46, 441-449.	6.2	35
69	Correlation of laminated MR appearance of articular cartilage with histology, ascertained by artificial landmarks on the cartilage. Journal of Magnetic Resonance Imaging, 1999, 10, 57-64.	3.4	34
70	Nanograting-based plasmon enhancement for total internal reflection fluorescence microscopy of live cells. Nanotechnology, 2009, 20, 015202.	2.6	34
71	Four-Dimensional Real-Time Cine Images of Wrist Joint Kinematics Using Dual Source CT with Minimal Time Increment Scanning. Yonsei Medical Journal, 2013, 54, 1026.	2.2	34
72	Gadoliniumâ€Enriched Polyaniline Particles (GPAPs) for Simultaneous Diagnostic Imaging and Localized Photothermal Therapy of Epithelial Cancer. Advanced Healthcare Materials, 2014, 3, 1408-1414.	7.6	34

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73	MRI of chondromyxoid fibroma. <i>Acta Radiologica</i> , 2011, 52, 875-880.	1.1	33
74	Efficient CD44-targeted magnetic resonance imaging (MRI) of breast cancer cells using hyaluronic acid (HA)-modified MnFe <sub>2</sub> O <sub>4</sub> nanocrystals. <i>Nanoscale Research Letters</i> , 2013, 8, 149.	5.7	33
75	MR Evaluation of Radiation Synovectomy of the Knee by Means of Intra-articular Injection of Holmium-166-Chitosan Complex in Patients with Rheumatoid Arthritis: Results at 4-month Follow-up. <i>Korean Journal of Radiology</i> , 2003, 4, 170.	3.4	32
76	Novel multifunctional PHDCA/PEI nano-drug carriers for simultaneous magnetically targeted cancer therapy and diagnosis via magnetic resonance imaging. <i>Nanotechnology</i> , 2007, 18, 475105.	2.6	32
77	Dextran-coated magnetic nanoclusters as highly sensitive contrast agents for magnetic resonance imaging of inflammatory macrophages. <i>Journal of Materials Chemistry</i> , 2011, 21, 12473.	6.7	32
78	Terahertz spectroscopic imaging and properties of gastrointestinal tract in a rat model. <i>Biomedical Optics Express</i> , 2014, 5, 4162.	2.9	32
79	In vivo magnetic resonance imaging of injected mesenchymal stem cells in rat myocardial infarction; simultaneous cell tracking and left ventricular function measurement. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 99-109.	1.5	31
80	A Highly Crystalline Manganese-doped Iron Oxide Nanocontainer with Predesigned Void Volume and Shape for Theranostic Applications. <i>Advanced Materials</i> , 2013, 25, 3202-3208.	21.0	31
81	Aptamer-conjugated magnetic nanoparticles enable efficient targeted detection of integrin $\alpha_5\beta_1$ via magnetic resonance imaging. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 49-59.	4.0	31
82	Accelerating knee MR imaging: Compressed sensing in isotropic three-dimensional fast spin-echo sequence. <i>Magnetic Resonance Imaging</i> , 2018, 46, 90-97.	1.8	31
83	Magnetic resonance imaging of articular cartilage. <i>European Radiology</i> , 2001, 11, 2015-2025.	4.5	30
84	Postoperative nomogram to predict the probability of metastasis in Enneking stage IIB extremity osteosarcoma. <i>BMC Cancer</i> , 2014, 14, 666.	2.6	30
85	Rapid acquisition of magnetic resonance imaging of the shoulder using three-dimensional fast spin echo sequence with compressed sensing. <i>Magnetic Resonance Imaging</i> , 2017, 42, 152-157.	1.8	30
86	Measuring water contents in animal organ tissues using terahertz spectroscopic imaging. <i>Biomedical Optics Express</i> , 2018, 9, 1582.	2.9	30
87	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. <i>Nanotechnology</i> , 2012, 23, 505702.	2.6	29
88	Differentiation between Focal Malignant Marrow-Replacing Lesions and Benign Red Marrow Deposition of the Spine with T <sub>2</sub> -Corrected Fat-Signal Fraction Map Using a Three-Echo Volume Interpolated Breath-Hold Gradient Echo Dixon Sequence. <i>Korean Journal of Radiology</i> , 2014, 15, 781.	3.4	28
89	Value of the Strain Ratio on Ultrasonic Elastography for Differentiation of Benign and Malignant Soft Tissue Tumors. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 121-127.	1.7	28
90	Chondromalacia of the knee: Evaluation with a fat-suppression three-dimensional SPGR imaging after intravenous contrast injection. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 884-888.	3.4	27

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91	Role of the inflamed synovial volume of the wrist in defining remission of rheumatoid arthritis with gadolinium-enhanced 3D-SPGR MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 202-208.	3.4	27
92	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , 2013, 19, 051202.	2.6	27
93	Nanomechanical In Situ Monitoring of Proteolysis of Peptide by Cathepsin B. <i>PLoS ONE</i> , 2009, 4, e6248.	2.5	26
94	Proton magnetic resonance spectroscopy of musculoskeletal lesions at 3 T with metabolite quantification. <i>Clinical Imaging</i> , 2010, 34, 47-52.	1.5	26
95	Photothermal ablation of cancer cells using self-doped polyaniline nanoparticles. <i>Nanotechnology</i> , 2016, 27, 185104.	2.6	26
96	Anatomy and magnetic resonance imaging of the posterolateral structures of the knee. , 1997, 10, 397-404.		25
97	Self-fabricated dextran-coated gold nanoparticles using pyrenyl dextran as a reducible stabilizer and their application as CT imaging agents for atherosclerosis. <i>Journal of Materials Chemistry</i> , 2012, 22, 17518.	6.7	25
98	Prognostic Model to Predict Survival Outcome for Curatively Resected Liposarcoma: A Multi-Institutional Experience. <i>Journal of Cancer</i> , 2016, 7, 1174-1180.	2.5	25
99	Accuracy of Diffusion Tensor Imaging for Diagnosing Cervical Spondylotic Myelopathy in Patients Showing Spinal Cord Compression. <i>Korean Journal of Radiology</i> , 2015, 16, 1303.	3.4	23
100	Smart nanoprobe for ultrasensitive detection of breast cancer via magnetic resonance imaging. <i>Nanotechnology</i> , 2008, 19, 485101.	2.6	22
101	Aptamer-conjugated gold nanorod for photothermal ablation of epidermal growth factor receptor-overexpressed epithelial cancer. <i>Journal of Biomedical Optics</i> , 2013, 19, 051203.	2.6	22
102	Detection of vertebral metastases: a comparison between the modified Dixon turbo spin echo $T_2$ weighted MRI and conventional $T_1$ weighted MRI: a preliminary study in a tertiary centre. <i>British Journal of Radiology</i> , 2018, 91, 20170782.	2.2	22
103	Quantitative T <sub>2</sub> Mapping of Knee Cartilage: Comparison between the Synthetic MR Imaging and the CPMG Sequence. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 344-349.	2.0	22
104	Contrast enhancement pattern and frequency of previously unoperated lumbar discs on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 575-578.	3.4	21
105	Enhancement of magnetic resonance contrast effect using ionic magnetic clusters. <i>Journal of Colloid and Interface Science</i> , 2008, 319, 429-434.	9.4	21
106	Synthesis of water soluble PEGylated magnetic complexes using mPEG-fatty acid for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 64, 111-117.	5.0	21
107	Magnetic sensitivity enhanced novel fluorescent magnetic silica nanoparticles for biomedical applications. <i>Nanotechnology</i> , 2008, 19, 075610.	2.6	21
108	Self-labeled magneto nanoprobe using tri-aminated polysorbate 80 for detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , 2009, 19, 8958.	6.7	21

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109	CD44-specific supramolecular hydrogels for fluorescence molecular imaging of stem-like gastric cancer cells. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 669.	1.3	21
110	Weighted subtraction in 3D ultrashort echo time (UTE) imaging for visualization of short T2 tissues of the knee. <i>Acta Radiologica</i> , 2014, 55, 454-461.	1.1	21
111	Intravascular papillary endothelial hyperplasia of the extremities: MR imaging findings with pathologic correlation. <i>European Radiology</i> , 2004, 14, 822-826.	4.5	20
112	Correlations of 3T DCE-MRI Quantitative Parameters with Microvessel Density in a Human-Colorectal-Cancer Xenograft Mouse Model. <i>Korean Journal of Radiology</i> , 2011, 12, 722.	3.4	20
113	Highly selective CD44-specific gold nanorods for photothermal ablation of tumorigenic subpopulations generated in MCF7 mammospheres. <i>Nanotechnology</i> , 2012, 23, 465101.	2.6	20
114	Self-Assembled Conjugated Polymeric Nanoassembly by Simplified Process for Optical Cancer Theragnosis. <i>Advanced Functional Materials</i> , 2015, 25, 2260-2269.	14.9	20
115	MR Quantification of the Fatty Fraction from T2*-corrected Dixon Fat/Water Separation Volume-interpolated Breathhold Examination (VIBE) in the Assessment of Muscle Atrophy in Rotator Cuff Tears. <i>Academic Radiology</i> , 2015, 22, 909-917.	2.5	20
116	Hydrogel Nanocarriers for CD44-targeted and pH-boosted aromatic drug delivery. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5686.	5.8	19
117	In vivo sensing of proteolytic activity with an NSET-based NIR fluorogenic nanosensor. <i>Biosensors and Bioelectronics</i> , 2016, 77, 471-477.	10.1	19
118	Double-inversion recovery with synthetic magnetic resonance: a pilot study for assessing synovitis of the knee joint compared to contrast-enhanced magnetic resonance imaging. <i>European Radiology</i> , 2019, 29, 2573-2580.	4.5	19
119	Intracellular translocation of superparamagnetic iron oxide nanoparticles encapsulated with peptide-conjugated poly(D,L-lactide-co-glycolide). <i>Journal of Applied Physics</i> , 2005, 97, 10Q913.	2.5	18
120	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , 2011, 32, 6174-6182.	11.4	18
121	Fat-suppressed volume isotropic turbo spin echo acquisition (VISTA) MR imaging in evaluating radial and root tears of the meniscus: Focusing on reader-defined axial reconstruction. <i>European Journal of Radiology</i> , 2013, 82, 2296-2302.	2.6	17
122	Response evaluation of giant-cell tumor of bone treated by denosumab: Histogram and texture analysis of CT images. <i>Journal of Orthopaedic Science</i> , 2018, 23, 570-577.	1.1	17
123	Clinical Feasibility of Synthetic Magnetic Resonance Imaging in the Diagnosis of Internal Derangements of the Knee. <i>Korean Journal of Radiology</i> , 2018, 19, 311.	3.4	17
124	The Role of Popliteal Lymph Nodes in Differentiating Rheumatoid Arthritis from Osteoarthritis by Using CE 3D-FSPGR MR Imaging: Relationship of the Inflamed Synovial Volume. <i>Korean Journal of Radiology</i> , 2005, 6, 117.	3.4	16
125	Accuracy of Fluorodeoxyglucose-Positron Emission Tomography for Diagnosis of Single Bone Metastasis. <i>Journal of Computer Assisted Tomography</i> , 2007, 31, 812-819.	0.9	16
126	Infrapatellar plica of the knee: Revisited with MR arthrographies undertaken in the knee flexion position mimicking operative arthroscopic posture. <i>European Journal of Radiology</i> , 2012, 81, 2783-2787.	2.6	16



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127	Variations in dose distribution and optical properties of Gafchromic <sup>TM</sup> EBT2 film according to scanning mode. <i>Medical Physics</i> , 2012, 39, 2524-2535.	3.0	16
128	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , 2013, 24, 475103.	2.6	16
129	Magnetic Nanoclusters Engineered by Polymer-Controlled Self-Assembly for the Accurate Diagnosis of Atherosclerotic Plaques via Magnetic Resonance Imaging. <i>Macromolecular Bioscience</i> , 2014, 14, 943-952.	4.1	16
130	Feasibility of fat-saturated T2-weighted magnetic resonance imaging with slice encoding for metal artifact correction (SEMAC) at 3T. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1001-1005.	1.8	16
131	Fat fraction estimation of morphologically normal lumbar vertebrae using the two-point mDixon turbo spin-echo MRI with flexible echo times and multipeak spectral model of fat: Comparison between cancer and non-cancer patients. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1114-1120.	1.8	16
132	Prognostic implications of polycomb proteins ezh2, suz12, and eed1 and histone modification by H3K27me3 in sarcoma. <i>BMC Cancer</i> , 2018, 18, 158.	2.6	16
133	Simultaneous acquisition of perfusion and permeability from corrected relaxation rates with dynamic susceptibility contrast dual gradient echo. <i>Magnetic Resonance Imaging</i> , 2004, 22, 307-314.	1.8	15
134	Enhancement of cellular binding efficiency and cytotoxicity using polyethylene glycol base triblock copolymeric nanoparticles for targeted drug delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 273-280.	4.0	15
135	Gold Nanorod-Mediated Photothermal Modulation for Localized Ablation of Cancer Cells. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	2.7	15
136	Effect of Ligand Structure on MnO Nanoparticles for Enhanced $T_1$ Magnetic Resonance Imaging of Inflammatory Macrophages. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5960-5965.	2.0	15
137	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. <i>Biosensors and Bioelectronics</i> , 2014, 57, 171-178.	10.1	15
138	Clinical value of fat-suppressed 3D volume isotropic spin-echo (VISTA) sequence compared to 2D sequence in evaluating internal structures of the knee. <i>Acta Radiologica</i> , 2016, 57, 66-73.	1.1	15
139	Investigation of Keratinizing Squamous Cell Carcinoma of the Tongue Using Terahertz Reflection Imaging. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 247-256.	2.2	15
140	Evaluation of chondromalacia of the patella with axial inversion recovery-fast spin-echo imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 412-416.	3.4	14
141	Gold-layered calcium phosphate plasmonic resonants for localized photothermal treatment of human epithelial cancer. <i>Journal of Materials Chemistry</i> , 2009, 19, 2902.	6.7	14
142	A magnetic polyaniline nanohybrid for MR imaging and redox sensing of cancer cells. <i>Nanoscale</i> , 2015, 7, 1661-1666.	5.6	14
143	Fat-suppressed MR Imaging of the Spine for Metal Artifact Reduction at 3T: Comparison of STIR and Slice Encoding for Metal Artifact Correction Fat-suppressed T <sub>2</sub> -weighted Images. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 371-378.	2.0	14
144	Cancer theranosis using mono-disperse, mesoporous gold nanoparticles obtained via a robust, high-yield synthetic methodology. <i>RSC Advances</i> , 2016, 6, 13554-13561.	3.6	14

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145	Fast isotropic volumetric magnetic resonance imaging of the ankle: Acceleration of the three-dimensional fast spin echo sequence using compressed sensing combined with parallel imaging. <i>European Journal of Radiology</i> , 2019, 112, 52-58.	2.6	14
146	Differences in the Efficacies of Pazopanib and Gemcitabine/Docetaxel as Second-Line Treatments for Metastatic Soft Tissue Sarcoma. <i>Oncology</i> , 2019, 96, 59-69.	1.9	14
147	Ankle MRI for Anterolateral Soft Tissue Impingement: Increased Accuracy with the Use of Contrast-Enhanced Fat-Suppressed 3D-FSPGR MRI. <i>Korean Journal of Radiology</i> , 2008, 9, 409.	3.4	13
148	Spectral parametric segmentation of contrast-enhanced dual-energy CT to detect bone metastasis: feasibility sensitivity study using whole-body bone scintigraphy. <i>Acta Radiologica</i> , 2015, 56, 458-464.	1.1	13
149	Nanohybrids via a polycation-based nanoemulsion method for dual-mode detection of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , 2008, 18, 4402.	6.7	12
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