

# Suh Jin-suck

## 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.

243 papers	10,829 citations	45 h-index	98 g-index
261 ext. papers	11,832 ext. citations	5.5 avg, IF	5.7 L-index

#	Paper	IF	Citations
243	Correction: A Bone Metastasis Nude Mouse Model Created by Ultrasound Guided Intracardiac Injection of Breast Cancer Cells: the Micro-CT, MRI and Bioluminescence Imaging Analysis. <i>Journal of the Korean Society of Radiology</i> , <b>2022</b> , 83, 750	0.2	
242	Fabrication and evaluation of bilateral Helmholtz radiofrequency coil for thermo-stable breast image with reduced artifacts. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 23, e13483	2.3	1
241	Characterization of Proton-Irradiated Polyaniline Nanoparticles Using Terahertz Thermal Spectroscopy. <i>Crystals</i> , <b>2021</b> , 11, 765	2.3	2
240	The Utility of Modified Dixon Turbo Spin Echo Shoulder Magnetic Resonance Arthrography in Assessing Rotator Cuff Disorder and Evaluating the Rotator Cuff Muscles. <i>Academic Radiology</i> , <b>2021</b> , 28, 233-242	4.3	1
239	Accelerated metallic artifact reduction imaging using spectral bin modulation of multiacquisition variable-resonance image combination selective imaging. <i>Magnetic Resonance Imaging</i> , <b>2020</b> , 72, 19-24	3.3	1
238	Optimization of MRI Protocol for the Musculoskeletal System. <i>Journal of the Korean Society of Radiology</i> , <b>2020</b> , 81, 21	0.2	1
237	Labeling-free detection of ECD-HER2 protein using aptamer-based nano-plasmonic sensor. <i>Nanotechnology</i> , <b>2020</b> , 31, 175501	3.4	3
236	Comprehensive Immuno-Molecular Profiles for Liposarcoma: Roles of Programmed Death Ligand 1, Microsatellite Instability, and PIK3CA. <i>Oncology</i> , <b>2020</b> , 98, 817-826	3.6	3
235	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> , <b>2019</b> , 112, 52-58	4.7	9
234	Bandgap-controlled hollow polyaniline nanostructures synthesized by Mn-dependent nano-confined polymerization. <i>Nanoscale</i> , <b>2019</b> , 11, 2434-2438	7.7	4
233	Investigation of Keratinizing Squamous Cell Carcinoma of the Tongue Using Terahertz Reflection Imaging. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2019</b> , 40, 247-256	2.2	5
232	Differences in the Efficacies of Pazopanib and Gemcitabine/Docetaxel as Second-Line Treatments for Metastatic Soft Tissue Sarcoma. <i>Oncology</i> , <b>2019</b> , 96, 59-69	3.6	9
231	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> , <b>2019</b> , 29, 2573-2580	8	10
230	Response evaluation of giant-cell tumor of bone treated by denosumab: Histogram and texture analysis of CT images. <i>Journal of Orthopaedic Science</i> , <b>2018</b> , 23, 570-577	1.6	15
229	Detection of vertebral metastases: a comparison between the modified Dixon turbo spin echo T weighted MRI and conventional T weighted MRI: a preliminary study in a tertiary centre. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20170782	3.4	15
228	Accelerating knee MR imaging: Compressed sensing in isotropic three-dimensional fast spin-echo sequence. <i>Magnetic Resonance Imaging</i> , <b>2018</b> , 46, 90-97	3.3	21
227	Quantitative T Mapping of Knee Cartilage: Comparison between the Synthetic MR Imaging and the CPMG Sequence. <i>Magnetic Resonance in Medical Sciences</i> , <b>2018</b> , 17, 344-349	2.9	16

226	Measuring water contents in animal organ tissues using terahertz spectroscopic imaging. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 1582-1589	3.5	13
225	Study of molecular structure change of d- and l-glucose by proton irradiation using terahertz spectroscopy. <i>Infrared Physics and Technology</i> , <b>2018</b> , 93, 154-157	2.7	7
224	Prognostic implications of polycomb proteins ezh2, suz12, and eed1 and histone modification by H3K27me3 in sarcoma. <i>BMC Cancer</i> , <b>2018</b> , 18, 158	4.8	12
223	Optimization of T2-weighted imaging for shoulder magnetic resonance arthrography by synthetic magnetic resonance imaging. <i>Acta Radiologica</i> , <b>2018</b> , 59, 959-965	2	3
222	Comparison of T2* mapping between regular echo time and ultrashort echo time with 3D cones at 3 tesla for knee meniscus. <i>Medicine (United States)</i> , <b>2018</b> , 97, e13443	1.8	3
221	Aptamer-Modified Magnetic Nanosensitizer for In Vivo MR Imaging of HER2-Expressing Cancer. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 288	5	5
220	Clinical Feasibility of Synthetic Magnetic Resonance Imaging in the Diagnosis of Internal Derangements of the Knee. <i>Korean Journal of Radiology</i> , <b>2018</b> , 19, 311-319	6.9	12
219	Microsphere-Based Nanoindentation for the Monitoring of Cellular Cortical Stiffness Regulated by MT1-MMP. <i>Small</i> , <b>2018</b> , 14, e1803000	11	3
218	Articular cartilage grading of the knee: diagnostic performance of fat-suppressed 3D volume isotropic turbo spin-echo acquisition (VISTA) compared with 3D T1 high-resolution isovolumetric examination (THRIVE). <i>Acta Radiologica</i> , <b>2017</b> , 58, 190-196	2	8
217	Magnetic resonance arthrography results that indicate surgical treatment for partial articular-sided supraspinatus tendon avulsion: a retrospective study in a tertiary center. <i>Acta Radiologica</i> , <b>2017</b> , 58, 1115-1124 <sup>1</sup>	11.5	124 <sup>1</sup>
216	Value of the Strain Ratio on Ultrasonic Elastography for Differentiation of Benign and Malignant Soft Tissue Tumors. <i>Journal of Ultrasound in Medicine</i> , <b>2017</b> , 36, 121-127	2.9	19
215	Reassessment of alkaline phosphatase as serum tumor marker with high specificity in osteosarcoma. <i>Cancer Medicine</i> , <b>2017</b> , 6, 1311-1322	4.8	30
214	Location of residual viable tumor cells after neoadjuvant chemotherapy: A new concept with high prognostic performance in osteosarcoma. <i>Journal of Surgical Oncology</i> , <b>2017</b> , 115, 752-759	2.8	3
213	Three-Dimensional Fast Spin-Echo Imaging without Fat Suppression of the Knee: Diagnostic Accuracy Comparison to Fat-Suppressed Imaging on 1.5T MRI. <i>Yonsei Medical Journal</i> , <b>2017</b> , 58, 1186-1194	11.4	5
212	The Effectiveness of Ferritin as a Contrast Agent for Cell Tracking MRI in Mouse Cancer Models. <i>Yonsei Medical Journal</i> , <b>2017</b> , 58, 51-58	3	6
211	Rapid acquisition of magnetic resonance imaging of the shoulder using three-dimensional fast spin echo sequence with compressed sensing. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 42, 152-157	3.3	18
210	Lateral Cortical Thickening and Bone Heterogeneity of the Subtrochanteric Femur Measured With Quantitative CT as Indicators for Early Detection of Atypical Femoral Fractures in Long-Term Bisphosphonate Users. <i>American Journal of Roentgenology</i> , <b>2017</b> , 209, 867-873	5.4	8
209	Assessment of the patellofemoral cartilage: Correlation of knee pain score with magnetic resonance cartilage grading and magnetization transfer ratio asymmetry of glycosaminoglycan chemical exchange saturation transfer. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 35, 61-68	3.3	7

208	How reliable is routine lumbar spine MRI for detection of renal cysts? Correlation with abdominal CT. <i>Acta Radiologica</i> , <b>2016</b> , 57, 494-9	2	
207	Terahertz reflectometry imaging for low and high grade gliomas. <i>Scientific Reports</i> , <b>2016</b> , 6, 36040	4.9	64
206	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> , <b>2016</b> , 34, 1114-20	3.3	15
205	Cancer theranosis using mono-disperse, mesoporous gold nanoparticles obtained via a robust, high-yield synthetic methodology. <i>RSC Advances</i> , <b>2016</b> , 6, 13554-13561	3.7	11
204	Femto-molar detection of cancer marker-protein based on immuno-nanoplasmonics at single-nanoparticle scale. <i>Nanotechnology</i> , <b>2016</b> , 27, 185103	3.4	8
203	Molecular Imaging of CD44-Overexpressing Gastric Cancer in Mice Using T2 MR Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 196-202	1.3	6
202	Ultrashort echo (UTE) versus pointwise encoding time reduction with radial acquisition (PETRA) sequences at 3 Tesla for knee meniscus: A comparative study. <i>Magnetic Resonance Imaging</i> , <b>2016</b> , 34, 75-80	3.3	8
201	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> , <b>2016</b> , 57, 66-73	2	12
200	In vivo sensing of proteolytic activity with an NSET-based NIR fluorogenic nanosensor. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 471-7	11.8	15
199	Prognostic implications of PIK3CA amplification in curatively resected liposarcoma. <i>Oncotarget</i> , <b>2016</b> , 7, 24549-58	3.3	7
198	Effects for Sequential Treatment of siAkt and Paclitaxel on Gastric Cancer Cell Lines. <i>International Journal of Medical Sciences</i> , <b>2016</b> , 13, 708-16	3.7	4
197	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-weighted Images. <i>Magnetic Resonance in Medical Sciences</i> , <b>2016</b> , 15, 371-378	2.9	8
196	Interobserver and Test-Retest Reproducibility of T1 and T2 Measurements of Lumbar Intervertebral Discs by 3T Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , <b>2016</b> , 17, 903-911	6.9	5
195	Prognostic Model to Predict Survival Outcome for Curatively Resected Liposarcoma: A Multi-Institutional Experience. <i>Journal of Cancer</i> , <b>2016</b> , 7, 1174-80	4.5	22
194	Biomarker-specific conjugated nanopolyplexes for the active coloring of stem-like cancer cells. <i>Nanotechnology</i> , <b>2016</b> , 27, 225101	3.4	3
193	Photothermal ablation of cancer cells using self-doped polyaniline nanoparticles. <i>Nanotechnology</i> , <b>2016</b> , 27, 185104	3.4	19
192	Prognostic implications of PD-L1 expression in patients with soft tissue sarcoma. <i>BMC Cancer</i> , <b>2016</b> , 16, 434	4.8	93
191	Nanovesicle-mediated systemic delivery of microRNA-34a for CD44 overexpressing gastric cancer stem cell therapy. <i>Biomaterials</i> , <b>2016</b> , 105, 12-24	15.6	52

190	Self-Doped Conjugated Polymeric Nanoassembly by Simplified Process for Optical Cancer Theragnosis. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2260-2269	15.6	16
189	Short T2 tissue imaging with the Pointwise Encoding Time reduction with Radial Acquisition (PETRA) sequence: the additional value of fat saturation and subtraction in the meniscus. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 385-9	3.3	2
188	A systematic study of core size and coating thickness on manganese-doped nanocrystals for high T2 relaxivity as magnetic resonance contrast agent. <i>Nano Convergence</i> , <b>2015</b> , 2,	9.2	4
187	Galactosylated magnetic nanovectors for regulation of lipid metabolism based on biomarker-specific RNAi and MR imaging. <i>Nanotechnology</i> , <b>2015</b> , 26, 335101	3.4	1
186	Diffusion tensor imaging focusing on lower cervical spinal cord using 2D reduced FOV interleaved multislice single-shot diffusion-weighted echo-planar imaging: comparison with conventional single-shot diffusion-weighted echo-planar imaging. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 401-6	3.3	8
185	Detection and Correction of Laterality Errors in Radiology Reports. <i>Journal of Digital Imaging</i> , <b>2015</b> , 28, 412-6	5.3	6
184	Secondary malignant neoplasms after osteosarcoma: early onset and cumulative alkylating agent dose dependency. <i>Annals of Surgical Oncology</i> , <b>2015</b> , 22, 859-65	3.1	5
183	A new relative tumor sizing method in epi-metaphyseal osteosarcoma. <i>BMC Cancer</i> , <b>2015</b> , 15, 284	4.8	5
182	Colourimetric redox-polyaniline nanoindicator for in situ vesicular trafficking of intracellular transport. <i>Nano Research</i> , <b>2015</b> , 8, 1169-1179	10	6
181	Feasibility of terahertz reflectometry for discrimination of human early gastric cancers. <i>Biomedical Optics Express</i> , <b>2015</b> , 6, 1398-406	3.5	47
180	Leiomyosarcoma: investigation of prognostic factors for risk-stratification model. <i>International Journal of Clinical Oncology</i> , <b>2015</b> , 20, 1226-32	4.2	7
179	A magnetic polyaniline nanohybrid for MR imaging and redox sensing of cancer cells. <i>Nanoscale</i> , <b>2015</b> , 7, 1661-6	7.7	13
178	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> , <b>2015</b> , 22, 909-17	4.3	20
177	Simple and efficient method for region of interest value extraction from picture archiving and communication system viewer with optical character recognition software and macro program. <i>Academic Radiology</i> , <b>2015</b> , 22, 113-6	4.3	3
176	Absorption spectrum of gafchromic $\square$ EBT2 film with angular rotation. <i>Journal of the Korean Physical Society</i> , <b>2015</b> , 67, 52-56	0.6	1
175	Synthesis of Stable Magnetic Polyaniline Nanohybrids with Pyrene as a Cross-Linker for Simultaneous Diagnosis by Magnetic Resonance Imaging and Photothermal Therapy. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3740-3747	2.3	10
174	Comparison of Multi-Echo Dixon Methods with Volume Interpolated Breath-Hold Gradient Echo Magnetic Resonance Imaging in Fat-Signal Fraction Quantification of Paravertebral Muscle. <i>Korean Journal of Radiology</i> , <b>2015</b> , 16, 1086-95	6.9	29
173	Accuracy of Diffusion Tensor Imaging for Diagnosing Cervical Spondylotic Myelopathy in Patients Showing Spinal Cord Compression. <i>Korean Journal of Radiology</i> , <b>2015</b> , 16, 1303-12	6.9	19

172	Compensatory UTE/T2W Imaging of Inflammatory Vascular Wall in Hyperlipidemic Rabbits. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124572	3.7	1
171	Pain palliation in patients with bone metastases using magnetic resonance-guided focused ultrasound with conformal bone system: a preliminary report. <i>Yonsei Medical Journal</i> , <b>2015</b> , 56, 503-9	3	28
170	T 2 - and T*2-weighted MRI of rat glioma using polysorbate-coated magnetic nanocrystals as a blood-pool contrast agent. <i>RSC Advances</i> , <b>2015</b> , 5, 19708-19714	3.7	1
169	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> , <b>2015</b> , 56, 458-64	2	11
168	Clinical pattern and implication of PD-L1 expression in soft-tissue sarcoma.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 10565-10565	2.2	5
167	Magnetic nanoclusters engineered by polymer-controlled self-assembly for the accurate diagnosis of atherosclerotic plaques via magnetic resonance imaging. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 943-52	5.5	13
166	Ultrasonographic findings of Kimura's disease presenting in the upper extremities. <i>Japanese Journal of Radiology</i> , <b>2014</b> , 32, 692-9	2.9	4
165	Imidazolized magnetic nanovectors with endosome disrupting moieties for the intracellular delivery and imaging of siRNA. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 8566-8575	7.3	9
164	Magnetic resonance visualization of surgical classification of rotator cuff tear: comparison with three-dimensional shoulder magnetic resonance arthrography at 3.0 T. <i>Clinical Imaging</i> , <b>2014</b> , 38, 858-63	2.7	5
163	Gadolinium-enriched polyaniline particles (GPAPs) for simultaneous diagnostic imaging and localized photothermal therapy of epithelial cancer. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1408-14	10.1	33
162	Use of strain ratio in evaluating superficial soft tissue tumors on ultrasonic elastography. <i>Journal of Medical Ultrasonics (2001)</i> , <b>2014</b> , 41, 319-23	1.4	8
161	Feasibility of fat-saturated T2-weighted magnetic resonance imaging with slice encoding for metal artifact correction (SEMAC) at 3T. <i>Magnetic Resonance Imaging</i> , <b>2014</b> , 32, 1001-5	3.3	13
160	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 57, 171-8	11.8	14
159	Gadolinium-based nanoparticles for highly efficient T1-weighted magnetic resonance imaging. <i>Nanotechnology</i> , <b>2014</b> , 25, 245103	3.4	10
158	Posterior tibiotalar ligament: an anatomic study correlated with MRI. <i>Clinical Anatomy</i> , <b>2014</b> , 27, 798-803	3.5	4
157	Vascular soft-tissue sarcomas: a prognostic model from a retrospective single-center study. <i>Oncology</i> , <b>2014</b> , 86, 329-35	3.6	
156	Aptamer-conjugated gold nanorod for photothermal ablation of epidermal growth factor receptor-overexpressed epithelial cancer. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 051203	3.5	18
155	One-pot synthesis of magnetic nanoclusters enabling atherosclerosis-targeted magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 2489-98	7.3	4



154	Dual-energy computed tomography arthrography of the shoulder joint using virtual monochromatic spectral imaging: optimal dose of contrast agent and monochromatic energy level. <i>Korean Journal of Radiology</i> , <b>2014</b> , 15, 746-56	6.9	6
153	Differentiation between focal malignant marrow-replacing lesions and benign red marrow deposition of the spine with T2*-corrected fat-signal fraction map using a three-echo volume interpolated breath-hold gradient echo Dixon sequence. <i>Korean Journal of Radiology</i> , <b>2014</b> , 15, 781-91	6.9	19
152	Development of <sup>1</sup> H- <sup>31</sup> P Animal RF Coil for pH Measurement Using a Clinical MR Scanner. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , <b>2014</b> , 18, 52		2
151	Postoperative nomogram to predict the probability of metastasis in Enneking stage IIB extremity osteosarcoma. <i>BMC Cancer</i> , <b>2014</b> , 14, 666	4.8	26
150	Weighted subtraction in 3D ultrashort echo time (UTE) imaging for visualization of short T2 tissues of the knee. <i>Acta Radiologica</i> , <b>2014</b> , 55, 454-61	2	16
149	MR thermometry analysis program for laser- or high-intensity focused ultrasound (HIFU)-induced heating at a clinical MR scanner. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 65, 2126-2131	0.6	
148	Study of freshly excised brain tissues using terahertz imaging. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 2837-43	3.5	108
147	Terahertz spectroscopic imaging and properties of gastrointestinal tract in a rat model. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 4162-70	3.5	25
146	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> , <b>2014</b> , 102, 49-59	5.4	27
145	Maleimidyl magnetic nanoplatform for facile molecular MRI. <i>Nanotechnology</i> , <b>2014</b> , 25, 275102	3.4	6
144	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 051202	3.5	24
143	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> , <b>2013</b> , 8, 149	5	31
142	Double-ligand modulation for engineering magnetic nanoclusters. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 104	5	10
141	Continuous coaxial electrohydrodynamic atomization system for water-stable wrapping of magnetic nanoparticles. <i>Small</i> , <b>2013</b> , 9, 2325-30	11	6
140	Ultrafast Spin-Resolved Spectroscopy Reveals Dominant Exciton Dynamics in Conducting Polymer Polyaniline. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 20371-20375	3.8	4
139	Aptamer-modified magnetic nanoprobe for molecular MR imaging of VEGFR2 on angiogenic vasculature. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 399	5	34
138	A biodegradable polymersome containing Bcl-xL siRNA and doxorubicin as a dual delivery vehicle for a synergistic anticancer effect. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 745-54	5.5	42
137	Usefulness of slice encoding for metal artifact correction (SEMAC) for reducing metallic artifacts in 3-T MRI. <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 703-6	3.3	40

136	Hyaluronan nanocarriers for CD44-targeted and pH-boosted aromatic drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 5686-5693	7.3	17
135	CD44-specific supramolecular hydrogels for fluorescence molecular imaging of stem-like gastric cancer cells. <i>Integrative Biology (United Kingdom)</i> , <b>2013</b> , 5, 669-72	3.7	17
134	Hyaluronic acid receptor-targetable imidazolized nanovectors for induction of gastric cancer cell death by RNA interference. <i>Biomaterials</i> , <b>2013</b> , 34, 4327-38	15.6	33
133	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> , <b>2013</b> , 82, 2296-302	4.7	11
132	A highly crystalline manganese-doped iron oxide nanocontainer with predesigned void volume and shape for theranostic applications. <i>Advanced Materials</i> , <b>2013</b> , 25, 3202-8	24	31
131	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. <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 221-6	3.3	67
130	Chitosan-based intelligent theragnosis nanocomposites enable pH-sensitive drug release with MR-guided imaging for cancer therapy. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 467	5	56
129	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , <b>2013</b> , 24, 475103	3.4	14
128	Measurement depth enhancement in terahertz imaging of biological tissues. <i>Optics Express</i> , <b>2013</b> , 21, 21299-305	3.3	63
127	Molecular sensing for biomarkers of invasive cancer cells using localized surface plasmon resonance <b>2013</b> ,		1
126	Characterization of blood using terahertz waves. <i>Journal of Biomedical Optics</i> , <b>2013</b> , 18, 107008	3.5	31
125	Analysis for Usefulness of Arterial Embolization on Sacral and Pelvic Giant Cell Tumors. <i>The Journal of the Korean Bone and Joint Tumor Society</i> , <b>2013</b> , 19, 50		
124	Characteristic MRI Findings of Spinal Metastases from Various Primary Cancers: Retrospective Study of Pathologically-Confirmed Cases. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , <b>2013</b> , 17, 8		7
123	Four-dimensional real-time cine images of wrist joint kinematics using dual source CT with minimal time increment scanning. <i>Yonsei Medical Journal</i> , <b>2013</b> , 54, 1026-32	3	25
122	A case report of xanthogranulomatous osteomyelitis of the distal ulna mimicking a malignant neoplasm. <i>American Journal of Case Reports</i> , <b>2013</b> , 14, 304-7	1.3	5
121	Quantitative Assessment and Ligament Traceability of Volume Isotropic Turbo Spin Echo Acquisition (VISTA) Ankle Magnetic Resonance Imaging: Fat Suppression versus without Fat Suppression. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , <b>2013</b> , 17, 110		2
120	Anchored proteinase-targetable optomagnetic nanoprobe for molecular imaging of invasive cancer cells. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 945-8	16.4	41
119	Cancer Diagnosis by Terahertz Molecular Imaging Technique. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2012</b> , 33, 74-81	2.2	27



118	Effect of Ligand Structure on MnO Nanoparticles for Enhanced T1 Magnetic Resonance Imaging of Inflammatory Macrophages. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5960-5965	2.3	14
117	Quantitative computed tomography (QCT) as a radiology reporting tool by using optical character recognition (OCR) and macro program. <i>Journal of Digital Imaging</i> , <b>2012</b> , 25, 815-8	5.3	3
116	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> , <b>2012</b> , 22, 17518		24
115	Br-Assisted Ostwald Ripening of Au Nanoparticles under H <sub>2</sub> O <sub>2</sub> Redox. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 37-39	3.5	30
114	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. <i>Nanotechnology</i> , <b>2012</b> , 23, 505702	3.4	25
113	Consecutive targetable smart nanoprobe for molecular recognition of cytoplasmic microRNA in metastatic breast cancer. <i>ACS Nano</i> , <b>2012</b> , 6, 8525-35	16.7	74
112	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> , <b>2012</b> , 81, 2783-7	4.7	11
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