

Suh Jin-suck

List of Publications by Year in descending order

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251
papers

12,669
citations

53939

47
h-index

31191

106
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261
all docs

261
docs citations

261
times ranked

17697
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2021, 28, 233-242.	1.3	1
2	Characterization of Proton-Irradiated Polyaniline Nanoparticles Using Terahertz Thermal Spectroscopy. <i>Crystals</i> , 2021, 11, 765.	1.0	2
3	Fabrication and evaluation of bilateral Helmholtz radiofrequency coil for thermo-stable breast image with reduced artifacts. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 23, e13483.	0.8	3
4	Labeling-free detection of ECD-HER2 protein using aptamer-based nano-plasmonic sensor. <i>Nanotechnology</i> , 2020, 31, 175501.	1.3	7
5	Comprehensive Immuno-Molecular Profiles for Liposarcoma: Roles of Programmed Death Ligand 1, Microsatellite Instability, and PIK3CA. <i>Oncology</i> , 2020, 98, 817-826.	0.9	4
6	Accelerated metallic artifact reduction imaging using spectral bin modulation of multiacquisition variable-resonance image combination selective imaging. <i>Magnetic Resonance Imaging</i> , 2020, 72, 19-24.	1.0	4
7	Optimization of MRI Protocol for the Musculoskeletal System. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 21.	0.1	3
8	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.	1.2	14
9	Bandgap-controlled hollow polyaniline nanostructures synthesized by Mn-dependent nano-confined polymerization. <i>Nanoscale</i> , 2019, 11, 2434-2438.	2.8	7
10	Detection of Keratinizing Squamous Cell Carcinoma of The Tongue Using Terahertz Reflection Imaging. , 2019, , .		0
11	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.	1.2	15
12	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.	0.9	14
13	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.	2.3	19
14	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.	0.5	17
15	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.	1.0	22
16	Accelerating knee MR imaging: Compressed sensing in isotropic three-dimensional fast spin-echo sequence. <i>Magnetic Resonance Imaging</i> , 2018, 46, 90-97.	1.0	31
17	Quantitative T ₂ 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.	1.1	22
18	Optimization of T ₂ -weighted imaging for shoulder magnetic resonance arthrography by synthetic magnetic resonance imaging. <i>Acta Radiologica</i> , 2018, 59, 959-965.	0.5	6

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19	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> , 2018, 97, e13443.	0.4	3
20	Learning Radiologist [™] s Step-by-Step Skill for Cervical Spinal Injury Examination: Line Drawing, Prevertebral Soft Tissue Thickness Measurement, and Swelling Detection. <i>IEEE Access</i> , 2018, 6, 55492-55500.	2.6	1
21	Aptamer-modified Magnetic Nanosensitizer for in vivo MR imaging of HER2-expressing Cancer. <i>Nanoscale Research Letters</i> , 2018, 13, 288.	3.1	10
22	Charactering water Contents in Organ tissues Using THz Pulses. , 2018, , .		0
23	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.	1.5	17
24	Microsphere [®] -Based Nanoindentation for the Monitoring of Cellular Cortical Stiffness Regulated by MT1 [®] -MMP. <i>Small</i> , 2018, 14, e1803000.	5.2	6
25	Measuring water contents in animal organ tissues using terahertz spectroscopic imaging. <i>Biomedical Optics Express</i> , 2018, 9, 1582.	1.5	30
26	Study of molecular structure change of d- and l-glucose by proton irradiation using terahertz spectroscopy. <i>Infrared Physics and Technology</i> , 2018, 93, 154-157.	1.3	11
27	Prognostic implications of polycomb proteins ezh2, suz12, and eed1 and histone modification by H3K27me3 in sarcoma. <i>BMC Cancer</i> , 2018, 18, 158.	1.1	16
28	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> , 2017, 58, 190-196.	0.5	12
29	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> , 2017, 58, 1115-1124.	0.5	2
30	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.	0.8	28
31	Reassessment of alkaline phosphatase as serum tumor marker with high specificity in osteosarcoma. <i>Cancer Medicine</i> , 2017, 6, 1311-1322.	1.3	48
32	Location of residual viable tumor cells after neoadjuvant chemotherapy: A new concept with high prognostic performance in osteosarcoma. <i>Journal of Surgical Oncology</i> , 2017, 115, 752-759.	0.8	3
33	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.	1.0	30
34	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> , 2017, 209, 867-873.	1.0	10
35	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> , 2017, 35, 61-68.	1.0	8
36	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> , 2017, 58, 1186.	0.9	6

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37	The Effectiveness of Ferritin as a Contrast Agent for Cell Tracking MRI in Mouse Cancer Models. <i>Yonsei Medical Journal</i> , 2017, 58, 51.	0.9	6
38	Effects for Sequential Treatment of siAkt and Paclitaxel on Gastric Cancer Cell Lines. <i>International Journal of Medical Sciences</i> , 2016, 13, 708-716.	1.1	5
39	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 ₂ -weighted Images. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 371-378.	1.1	14
40	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> , 2016, 17, 903.	1.5	7
41	Prognostic Model to Predict Survival Outcome for Curatively Resected Liposarcoma: A Multi-Institutional Experience. <i>Journal of Cancer</i> , 2016, 7, 1174-1180.	1.2	25
42	Biomarker-specific conjugated nanopolyplexes for the active coloring of stem-like cancer cells. <i>Nanotechnology</i> , 2016, 27, 225101.	1.3	5
43	Photothermal ablation of cancer cells using self-doped polyaniline nanoparticles. <i>Nanotechnology</i> , 2016, 27, 185104.	1.3	26
44	Prognostic implications of PD-L1 expression in patients with soft tissue sarcoma. <i>BMC Cancer</i> , 2016, 16, 434.	1.1	124
45	Nanovesicle-mediated systemic delivery of microRNA-34a for CD44 overexpressing gastric cancer stem cell therapy. <i>Biomaterials</i> , 2016, 105, 12-24.	5.7	63
46	Terahertz reflectometry imaging for low and high grade gliomas. <i>Scientific Reports</i> , 2016, 6, 36040.	1.6	90
47	Fat fraction estimation of morphologically normal lumbar vertebrae using the two-point mDixon turbo spin-echo MRI with flexible echo times and multiphase spectral model of fat: Comparison between cancer and non-cancer patients. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1114-1120.	1.0	16
48	Cancer theranosis using mono-disperse, mesoporous gold nanoparticles obtained via a robust, high-yield synthetic methodology. <i>RSC Advances</i> , 2016, 6, 13554-13561.	1.7	14
49	Femto-molar detection of cancer marker-protein based on immuno-nanoplasmonics at single-nanoparticle scale. <i>Nanotechnology</i> , 2016, 27, 185103.	1.3	8
50	Molecular Imaging of CD44-Overexpressing Gastric Cancer in Mice Using T2 MR Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 196-202.	0.9	9
51	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> , 2016, 34, 75-80.	1.0	11
52	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.	0.5	15
53	In vivo sensing of proteolytic activity with an NSET-based NIR fluorogenic nanosensor. <i>Biosensors and Bioelectronics</i> , 2016, 77, 471-477.	5.3	19
54	How reliable is routine lumbar spine MRI for detection of renal cysts? Correlation with abdominal CT. <i>Acta Radiologica</i> , 2016, 57, 494-499.	0.5	0

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55	Prognostic implications of PIK3CA amplification in curatively resected liposarcoma. <i>Oncotarget</i> , 2016, 7, 24549-24558.	0.8	7
56	Absorption spectrum of gafchromic® EBT2 film with angular rotation. <i>Journal of the Korean Physical Society</i> , 2015, 67, 52-56.	0.3	1
57	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> , 2015, 2015, 3740-3747.	1.0	12
58	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> , 2015, 16, 1086.	1.5	36
59	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.	1.5	23
60	Compensatory UTE/T2W Imaging of Inflammatory Vascular Wall in Hyperlipidemic Rabbits. <i>PLoS ONE</i> , 2015, 10, e0124572.	1.1	2
61	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> , 2015, 56, 503.	0.9	36
62	T2- and T2*-weighted MRI of rat glioma using polysorbate-coated magnetic nanocrystals as a blood-pool contrast agent. <i>RSC Advances</i> , 2015, 5, 19708-19714.	1.7	1
63	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.	0.5	13
64	Self-Doped Conjugated Polymeric Nanoassembly by Simplified Process for Optical Cancer Theragnosis. <i>Advanced Functional Materials</i> , 2015, 25, 2260-2269.	7.8	20
65	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> , 2015, 33, 385-389.	1.0	3
66	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> , 2015, 2, .	6.3	5
67	Galactosylated magnetic nanovectors for regulation of lipid metabolism based on biomarker-specific RNAi and MR imaging. <i>Nanotechnology</i> , 2015, 26, 335101.	1.3	1
68	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> , 2015, 33, 401-406.	1.0	8
69	Detection and Correction of Laterality Errors in Radiology Reports. <i>Journal of Digital Imaging</i> , 2015, 28, 412-416.	1.6	8
70	Secondary Malignant Neoplasms after Osteosarcoma: Early Onset and Cumulative Alkylating Agent Dose Dependency. <i>Annals of Surgical Oncology</i> , 2015, 22, 859-865.	0.7	7
71	A new relative tumor sizing method in epi-metaphyseal osteosarcoma. <i>BMC Cancer</i> , 2015, 15, 284.	1.1	6
72	Colourimetric redox-polyaniline nanoindicator for in situ vesicular trafficking of intracellular transport. <i>Nano Research</i> , 2015, 8, 1169-1179.	5.8	8

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73	Feasibility of terahertz reflectometry for discrimination of human early gastric cancers. Biomedical Optics Express, 2015, 6, 1398.	1.5	69
74	Leiomyosarcoma: investigation of prognostic factors for risk-stratification model. International Journal of Clinical Oncology, 2015, 20, 1226-1232.	1.0	9
75	A magnetic polyaniline nanohybrid for MR imaging and redox sensing of cancer cells. Nanoscale, 2015, 7, 1661-1666.	2.8	14
76	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. Academic Radiology, 2015, 22, 909-917.	1.3	20
77	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. Academic Radiology, 2015, 22, 113-116.	1.3	5
78	Clinical pattern and implication of PD-L1 expression in soft-tissue sarcoma.. Journal of Clinical Oncology, 2015, 33, 10565-10565.	0.8	6
79	One-pot synthesis of magnetic nanoclusters enabling atherosclerosis-targeted magnetic resonance imaging. International Journal of Nanomedicine, 2014, 9, 2489.	3.3	4
80	Dual-Energy Computed Tomography Arthrography of the Shoulder Joint Using Virtual Monochromatic Spectral Imaging: Optimal Dose of Contrast Agent and Monochromatic Energy Level. Korean Journal of Radiology, 2014, 15, 746.	1.5	7
81	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. Korean Journal of Radiology, 2014, 15, 781.	1.5	28
82	Development of ¹ H- ³¹ P Animal RF Coil for pH Measurement Using a Clinical MR Scanner. Journal of the Korean Society of Magnetic Resonance in Medicine, 2014, 18, 52.	0.1	2
83	Postoperative nomogram to predict the probability of metastasis in Enneking stage IIB extremity osteosarcoma. BMC Cancer, 2014, 14, 666.	1.1	30
84	Weighted subtraction in 3D ultrashort echo time (UTE) imaging for visualization of short T2 tissues of the knee. Acta Radiologica, 2014, 55, 454-461.	0.5	21
85	MR thermometry analysis program for laser- or high-intensity focused ultrasound (HIFU)-induced heating at a clinical MR scanner. Journal of the Korean Physical Society, 2014, 65, 2126-2131.	0.3	0
86	Study of freshly excised brain tissues using terahertz imaging. Biomedical Optics Express, 2014, 5, 2837.	1.5	145
87	Terahertz spectroscopic imaging and properties of gastrointestinal tract in a rat model. Biomedical Optics Express, 2014, 5, 4162.	1.5	32
88	Aptamer-conjugated magnetic nanoparticles enable efficient targeted detection of integrin $\alpha_5\beta_3$ via magnetic resonance imaging. Journal of Biomedical Materials Research - Part A, 2014, 102, 49-59.	2.1	31
89	Maleimidyl magnetic nanoplatfrom for facile molecular MRI. Nanotechnology, 2014, 25, 275102.	1.3	8
90	Magnetic Nanoclusters Engineered by Polymer-Controlled Self-Assembly for the Accurate Diagnosis of Atherosclerotic Plaques via Magnetic Resonance Imaging. Macromolecular Bioscience, 2014, 14, 943-952.	2.1	16

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91	Ultrasonographic findings of Kimura's disease presenting in the upper extremities. Japanese Journal of Radiology, 2014, 32, 692-699.	1.0	5
92	Imidazolized magnetic nanovectors with endosome disrupting moieties for the intracellular delivery and imaging of siRNA. Journal of Materials Chemistry B, 2014, 2, 8566-8575.	2.9	9
93	Magnetic resonance visualization of surgical classification of rotator cuff tear: comparison with three-dimensional shoulder magnetic resonance arthrography at 3.0 T. Clinical Imaging, 2014, 38, 858-863.	0.8	9
94	Gadolinium-Enriched Polyaniline Particles (GPAPs) for Simultaneous Diagnostic Imaging and Localized Photothermal Therapy of Epithelial Cancer. Advanced Healthcare Materials, 2014, 3, 1408-1414.	3.9	34
95	Use of strain ratio in evaluating superficial soft tissue tumors on ultrasonic elastography. Journal of Medical Ultrasonics (2001), 2014, 41, 319-323.	0.6	11
96	Feasibility of fat-saturated T2-weighted magnetic resonance imaging with slice encoding for metal artifact correction (SEMAC) at 3T. Magnetic Resonance Imaging, 2014, 32, 1001-1005.	1.0	16
97	Molecular recognition of proteolytic activity in metastatic cancer cells using fluorogenic gold nanoprobe. Biosensors and Bioelectronics, 2014, 57, 171-178.	5.3	15
98	Gadolinium-based nanoparticles for highly efficient T1-weighted magnetic resonance imaging. Nanotechnology, 2014, 25, 245103.	1.3	12
99	Posterior tibiotalar ligament: An anatomic study correlated with MRI. Clinical Anatomy, 2014, 27, 798-803.	1.5	6
100	Vascular Soft-Tissue Sarcomas: A Prognostic Model from a Retrospective Single-Center Study. Oncology, 2014, 86, 329-335.	0.9	0
101	Efficient CD44-targeted magnetic resonance imaging (MRI) of breast cancer cells using hyaluronic acid (HA)-modified MnFe ₂ O ₄ nanocrystals. Nanoscale Research Letters, 2013, 8, 149.	3.1	33
102	Double-ligand modulation for engineering magnetic nanoclusters. Nanoscale Research Letters, 2013, 8, 104.	3.1	11
103	Continuous Coaxial Electrohydrodynamic Atomization System for Water-Stable Wrapping of Magnetic Nanoparticles. Small, 2013, 9, 2325-2330.	5.2	7
104	Ultrafast Spin-Resolved Spectroscopy Reveals Dominant Exciton Dynamics in Conducting Polymer Polyaniline. Journal of Physical Chemistry C, 2013, 117, 20371-20375.	1.5	8
105	Aptamer-conjugated gold nanorod for photothermal ablation of epidermal growth factor receptor-overexpressed epithelial cancer. Journal of Biomedical Optics, 2013, 19, 051203.	1.4	22
106	Aptamer-modified magnetic nanoprobe for molecular MR imaging of VEGFR2 on angiogenic vasculature. Nanoscale Research Letters, 2013, 8, 399.	3.1	39
107	A Biodegradable Polymersome Containing Bcl ₂ siRNA and Doxorubicin as a Dual Delivery Vehicle for a Synergistic Anticancer Effect. Macromolecular Bioscience, 2013, 13, 745-754.	2.1	46
108	Usefulness of slice encoding for metal artifact correction (SEMAC) for reducing metallic artifacts in 3-T MRI. Magnetic Resonance Imaging, 2013, 31, 703-706.	1.0	48

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109	Œ-Hyaluronan nanocarriers for CD44-targeted and pH-boosted aromatic drug delivery. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5686.	2.9	19
110	CD44-specific supramolecular hydrogels for fluorescence molecular imaging of stem-like gastric cancer cells. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 669.	0.6	21
111	Hyaluronic acid receptor-targetable imidazolized nanovectors for induction of gastric cancer cell death by RNA interference. <i>Biomaterials</i> , 2013, 34, 4327-4338.	5.7	36
112	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.	1.2	17
113	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.	11.1	31
114	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> , 2013, 31, 221-226.	1.0	84
115	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.	3.1	64
116	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , 2013, 24, 475103.	1.3	16
117	Measurement depth enhancement in terahertz imaging of biological tissues. <i>Optics Express</i> , 2013, 21, 21299.	1.7	82
118	Molecular sensing for biomarkers of invasive cancer cells using localized surface plasmon resonance. , 2013, , .		1
119	Characterization of blood using terahertz waves. <i>Journal of Biomedical Optics</i> , 2013, 18, 107008.	1.4	38
120	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , 2013, 19, 051202.	1.4	27
121	Aptamer-conjugated gold nanorod for photothermal ablation of EGFR-overexpressed epithelial cancer. , 2013, , .		0
122	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> , 2013, 19, 50.	0.0	0
123	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> , 2013, 17, 8.	0.1	9
124	Four-Dimensional Real-Time Cine Images of Wrist Joint Kinematics Using Dual Source CT with Minimal Time Increment Scanning. <i>Yonsei Medical Journal</i> , 2013, 54, 1026.	0.9	34
125	A case report of xanthogranulomatous osteomyelitis of the distal ulna mimicking a malignant neoplasm. <i>American Journal of Case Reports</i> , 2013, 14, 304-307.	0.3	8
126	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> , 2013, 17, 110.	0.1	2

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127	Gold Nanorod-Mediated Photothermal Modulation for Localized Ablation of Cancer Cells. Journal of Nanomaterials, 2012, 2012, 1-7.	1.5	15
128	Gd chelated PANI nanoparticles for combined MR imaging and NIR photothermal cancer therapy. Proceedings of SPIE, 2012, , .	0.8	0
129	β ₂ -PIX Is Critical for Transplanted Mesenchymal Stromal Cell Migration. Stem Cells and Development, 2012, 21, 1989-1999.	1.1	12
130	Magnetic resonance imaging of glioblastoma using aptamer conjugated magnetic nanoparticles. Proceedings of SPIE, 2012, , .	0.8	1
131	Effect of Ligand Structure on MnO Nanoparticles for Enhanced ¹ Magnetic Resonance Imaging of Inflammatory Macrophages. European Journal of Inorganic Chemistry, 2012, 2012, 5960-5965.	1.0	15
132	Quantitative Computed Tomography (QCT) as a Radiology Reporting Tool by Using Optical Character Recognition (OCR) and Macro Program. Journal of Digital Imaging, 2012, 25, 815-818.	1.6	4
133	Self-fabricated dextran-coated gold nanoparticles using pyrenyl dextran as a reducible stabilizer and their application as CT imaging agents for atherosclerosis. Journal of Materials Chemistry, 2012, 22, 17518.	6.7	25
134	Photo-thermal therapeutics control technique using terahertz waves. , 2012, , .		0
135	Br-Assisted Ostwald Ripening of Au Nanoparticles under H ₂ O ₂ Redox. Crystal Growth and Design, 2012, 12, 37-39.	1.4	38
136	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. Nanotechnology, 2012, 23, 505702.	1.3	29
137	Consecutive Targetable Smart Nanoprobe for Molecular Recognition of Cytoplasmic microRNA in Metastatic Breast Cancer. ACS Nano, 2012, 6, 8525-8535.	7.3	83
138	Medical application of THz imaging technique. , 2012, , .		3
139	Infrapatellar plica of the knee: Revisited with MR arthrographies undertaken in the knee flexion position mimicking operative arthroscopic posture. European Journal of Radiology, 2012, 81, 2783-2787.	1.2	16
140	Variations in dose distribution and optical properties of Gafchromic TM EBT2 film according to scanning mode. Medical Physics, 2012, 39, 2524-2535.	1.6	16
141	Highly selective CD44-specific gold nanorods for photothermal ablation of tumorigenic subpopulations generated in MCF7 mammospheres. Nanotechnology, 2012, 23, 465101.	1.3	20
142	Magnetic Resonance Arthrographic Dissection of Posterolateral Corner of the Knee: Revealing the Menisofibular Ligament. Yonsei Medical Journal, 2012, 53, 820.	0.9	9
143	Determination of Optimal Imaging Mode for Ultrasonographic Detection of Subdermal Contraceptive Rods: Comparison of Spatial Compound, Conventional, and Tissue Harmonic Imaging Methods. Korean Journal of Radiology, 2012, 13, 602.	1.5	2
144	Quantitative Assessment of Tumor Responses after Radiation Therapy in a DLD-1 Colon Cancer Mouse Model Using Serial Dynamic Contrast-Enhanced Magnetic Resonance Imaging. Yonsei Medical Journal, 2012, 53, 1147.	0.9	7

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145	Targetable Gold Nanorods for Epithelial Cancer Therapy Guided by Near-IR Absorption Imaging. <i>Small</i> , 2012, 8, 746-753.	5.2	98
146	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.	2.3	236
147	Anchored Proteinase-Targetable Optomagnetic Nanoprobes for Molecular Imaging of Invasive Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 945-948.	7.2	42
148	Cancer Diagnosis by Terahertz Molecular Imaging Technique. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012, 33, 74-81.	1.2	37
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