

Heung Sik Kang

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,863
citations

361413

20
h-index

289244

40
g-index

100
all docs

100
docs citations

100
times ranked

1809
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor grading of soft tissue sarcomas: Assessment with whole-tumor histogram analysis of apparent diffusion coefficient. <i>European Journal of Radiology</i> , 2022, 151, 110319.	2.6	3
2	Texture analysis of magnetic resonance image to differentiate benign from malignant myxoid soft tissue tumors: A retrospective comparative study. <i>PLoS ONE</i> , 2022, 17, e0267569.	2.5	3
3	Evaluation of the efficacy and safety of epidural steroid injection using a nonparticulate steroid, dexamethasone or betamethasone: a double-blind, randomized, crossover, clinical trial. <i>Korean Journal of Pain</i> , 2022, 35, 336-344.	2.2	7
4	Fluoroscopic lumbar transforaminal epidural steroid injections for recurrent herniated intervertebral disc after discectomy: Effectiveness and outcome predictors. <i>PLoS ONE</i> , 2022, 17, e0271054.	2.5	0
5	Predicting the clinically significant subscapularis tendon tear: malposition and tear of the long head of the biceps tendon on shoulder magnetic resonance imaging. <i>Acta Radiologica</i> , 2021, 62, 1648-1656.	1.1	7
6	Sporadic Intradural Extramedullary Hemangioblastoma Not Associated with von Hippel-Lindau Syndrome: A Case Report and Literature Review. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 700.	0.2	2
7	Sonographic Appearance of Steatocystoma: An Analysis of 14 Pathologically Confirmed Lesions. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 382.	0.2	0
8	Effectiveness of epidural steroid injection in patients with lumbar herniated intervertebral disc under a "wait-and-see" policy. <i>Acta Radiologica</i> , 2021, , 028418512098550.	1.1	1
9	Readability of extraspinal organs on scout images of lumbar spine MRI according to different protocols. <i>PLoS ONE</i> , 2021, 16, e0251310.	2.5	0
10	Immediate postoperative MRI findings after lumbar decompression surgery: Correlation of imaging features with clinical outcome. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 365-374.	1.5	4
11	Increased signal intensity on postoperative T2-weighted axial images in cervical spondylotic myelopathy: Patterns of changes and associated impact on outcomes. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 244-250.	1.5	1
12	Active inflammatory changes around the pubic symphysis in patients with axial spondyloarthritis: Magnetic resonance imaging characteristics and association with clinical factors. <i>European Journal of Radiology</i> , 2020, 124, 108802.	2.6	2
13	Intra-articular facet joint steroid injection-related adverse events encountered during 11,980 procedures. <i>European Radiology</i> , 2020, 30, 1507-1516.	4.5	16
14	Incidence and pattern of epidural spread during lumbar facet joint injection: a prospective study. <i>Acta Radiologica</i> , 2020, 61, 636-643.	1.1	4
15	Feasibility of postoperative 3-tesla diffusion tensor imaging in cervical spondylotic myelopathy: A comparison of single-shot EPI and multi-shot EPI. <i>European Journal of Radiology</i> , 2020, 122, 108751.	2.6	1
16	Ruling out rotator cuff tear in shoulder radiograph series using deep learning: redefining the role of conventional radiograph. <i>European Radiology</i> , 2020, 30, 2843-2852.	4.5	21
17	Utility of heavily T2-weighted MR myelography as the first step in CSF leak detection and the planning of epidural blood patches. <i>Journal of Clinical Neuroscience</i> , 2020, 77, 110-115.	1.5	9
18	Percutaneous Sacroplasty : Effectiveness and Long-Term Outcome Predictors. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 747-756.	1.2	9

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19	Spinal Intraosseous Hibernoma: A Case Report and Review of Literature. Journal of the Korean Society of Radiology, 2020, 81, 965.	0.2	4
20	Various MRI Findings of <i>Toxocara canis</i> Myelitis. Journal of the Korean Society of Radiology, 2020, 81, 135.	0.2	0
21	The pattern of idiopathic isolated teres minor atrophy with regard to its two-bundle anatomy. Skeletal Radiology, 2019, 48, 363-374.	2.0	5
22	Cervical spondylotic myelopathy: diagnostic performance of radiologists with varying levels of experience in comparing MR images acquired using field strengths of 1.5 and 3 Tesla. Acta Radiologica, 2019, 60, 1314-1320.	1.1	2
23	Clinical and imaging characteristics of patients with extreme low back pain or sciatica referred for spinal injection. Neuroradiology, 2019, 61, 881-889.	2.2	2
24	Diagnosis of spinal metastasis: are MR images without contrast medium application sufficient?. Clinical Imaging, 2019, 55, 165-173.	1.5	3
25	Evaluation of the responsiveness of outcome measures after spine injection: A retrospective study. PLoS ONE, 2019, 14, e0211763.	2.5	4
26	Magnetic resonance imaging spectrum of spinal meningioma. Clinical Imaging, 2019, 55, 100-106.	1.5	12
27	Non-traumatic ligamentum teres tears: association with MRI morphometry of the hip. Acta Radiologica, 2019, 60, 615-622.	1.1	4
28	Diagnostic accuracy of digital radiography for the diagnosis of osteonecrosis of the femoral head, revisited. Acta Radiologica, 2019, 60, 969-976.	1.1	4
29	Two-site blind epidural blood patch versus targeted epidural blood patch in spontaneous intracranial hypotension. Journal of Clinical Neuroscience, 2019, 62, 147-154.	1.5	17
30	Systemic effects of fluoroscopically guided epidural steroid injection with dexamethasone. Korean Journal of Pain, 2019, 32, 178-186.	2.2	12
31	Diagnosis of Spinal Metastasis: Usefulness of Additional Diffusion-Weighted Imaging. Journal of the Korean Society of Radiology, 2019, 80, 1145.	0.2	1
32	MRI Features of Aquaporin-4 Antibody-Positive Longitudinally Extensive Transverse Myelitis: Insights into the Diagnosis of Neuromyelitis Optica Spectrum Disorders. American Journal of Neuroradiology, 2018, 39, 782-787.	2.4	21
33	Efficacy and outcome predictors of fluoroscopy-guided facet joint injection for spondylolysis. Skeletal Radiology, 2018, 47, 1137-1144.	2.0	10
34	Epidural steroid injection-related events requiring hospitalisation or emergency room visits among 52,935 procedures performed at a single centre. European Radiology, 2018, 28, 418-427.	4.5	39
35	The Efficacy of a Fluoroscopy Guided Epidural Autologous Blood Patch In the Treatment of a Post-Dural Puncture Headache. Journal of the Korean Society of Radiology, 2018, 78, 242.	0.2	1
36	Uncovered Medial Meniscus Sign on Knee MRI: Evidence of Lost Brake Stop Mechanism of the Posterior Horn Medial Meniscus. American Journal of Roentgenology, 2018, 211, 1313-1318.	2.2	8

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37	Effect of Poly(Lactide-Co-Glycolide) Nanoparticles on Local Retention of Fluorescent Material: An Experimental Study in Mice. Korean Journal of Radiology, 2018, 19, 950.	3.4	3
38	The Incidence of Various Types of Systemic Reactions Related to Epidural Steroid Injections: A Prospective Observational Study. Korean Journal of Radiology, 2018, 19, 301.	3.4	10
39	MR evaluation of the meniscal ramp lesion in patients with anterior cruciate ligament tear. Skeletal Radiology, 2018, 47, 1683-1689.	2.0	40
40	A Comprehensive Review of Shoulder CT Morphometry: What Surgeons Wants to Know. Journal of the Korean Society of Radiology, 2018, 78, 265.	0.2	2
41	Spine MR images in patients with pedicle screw fixation: Comparison of conventional and SEMAC-VAT sequences at 1.5T. Magnetic Resonance Imaging, 2018, 54, 63-70.	1.8	7
42	Evaluation of the Subscapularis Tendon Tears on 3T Magnetic Resonance Arthrography: Comparison of Diagnostic Performance of T1-Weighted Spectral Presaturation with Inversion-Recovery and T2-Weighted Turbo Spin-Echo Sequences. Korean Journal of Radiology, 2018, 19, 320.	3.4	9
43	Do Radiology Residents Perform Well in Preliminary Reporting of Emergency MRIs of Spine?. Investigative Magnetic Resonance Imaging, 2018, 22, 10.	0.4	1
44	Is multidetector computed tomography comparable to magnetic resonance imaging for assessment of lumbar foraminal stenosis?. Acta Radiologica, 2017, 58, 197-203.	1.1	5
45	Instability of the long head of the biceps tendon in patients with rotator cuff tear: evaluation on magnetic resonance arthrography of the shoulder with arthroscopic correlation. Skeletal Radiology, 2017, 46, 1335-1342.	2.0	20
46	A prospective randomized study comparing three different approaches to fluoroscopy-guided shoulder arthrography according to the experience of practitioners. Skeletal Radiology, 2017, 46, 925-933.	2.0	0
47	Posterior Decentering of the Humeral Head on Shoulder MR Arthrography: Significant Association With Posterior Synovial Proliferation. American Journal of Roentgenology, 2017, 208, 1297-1303.	2.2	10
48	Assessment of pisotriquetral misalignment with magnetic resonance imaging: Is it associated with trauma?. European Radiology, 2017, 27, 3033-3041.	4.5	2
49	Cervical compressive myelopathy: flow analysis of cerebrospinal fluid using phase-contrast magnetic resonance imaging. European Spine Journal, 2017, 26, 40-48.	2.2	21
50	Fluoroscopically Guided Epidural Injections of the Cervical and Lumbar Spine. Radiographics, 2017, 37, 537-561.	3.3	44
51	Metal Artifact Reduction for Orthopedic Implants (O-MAR): Usefulness in CT Evaluation of Reverse Total Shoulder Arthroplasty. American Journal of Roentgenology, 2017, 209, 860-866.	2.2	37
52	Postoperative Regression of Retro-odontoid Pseudotumor After Atlantoaxial Posterior Fixation. Spine, 2017, 42, 1763-1771.	2.0	16
53	Diagnostic Accuracy of a Fluid-attenuated Inversion-Recovery Sequence with Fat Suppression for Assessment of Peripatellar Synovitis: Preliminary Results and Comparison with Contrast-enhanced MR Imaging. Radiology, 2017, 283, 769-778.	7.3	16
54	Texture Analysis of Torn Rotator Cuff on Preoperative Magnetic Resonance Arthrography as a Predictor of Postoperative Tendon Status. Korean Journal of Radiology, 2017, 18, 691.	3.4	12

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55	Various MRI Findings of Spinal Ependymoma. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 411.	0.2	3
56	Diffusion Tensor Imaging in Inflammatory and Neoplastic Intramedullary Spinal Cord Lesions: Focusing on Fiber Tracking. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 111.	0.2	3
57	Factors Affecting Radiation Exposure during Lumbar Epidural Steroid Injection: A Prospective Study in 759 Patients. <i>Korean Journal of Radiology</i> , 2016, 17, 405.	3.4	7
58	Quantitative Analysis of Disc Degeneration Using Axial T2 Mapping in a Percutaneous Annular Puncture Model in Rabbits. <i>Korean Journal of Radiology</i> , 2016, 17, 103.	3.4	9
59	Intra-Articular Injections in Patients with Femoroacetabular Impingement: a Prospective, Randomized, Double-blind, Cross-over Study. <i>Journal of Korean Medical Science</i> , 2016, 31, 1822.	2.5	22
60	Effects of Facet Joint Injection Reducing the Need for Percutaneous Vertebroplasty in Vertebral Compression Fractures. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 740-745.	2.0	10
61	The usefulness of MDCT-myelography for patients with spontaneous intracranial hypotension. <i>SpringerPlus</i> , 2016, 5, 424.	1.2	1
62	Acute benign vertebral compression fractures: "œsee-through sign" on contrast-enhanced MR images. <i>European Spine Journal</i> , 2016, 25, 3470-3477.	2.2	1
63	An Osteochondral Lesion of the Distal Tibia and Fibula in Patients With an Osteochondral Lesion of the Talus on MRI: Prevalence, Location, and Concomitant Ligament and Tendon Injuries. <i>American Journal of Roentgenology</i> , 2016, 206, 366-372.	2.2	17
64	Comparative effectiveness of lumbar epidural steroid injections using particulate vs. non-particulate steroid: an intra-individual comparative study. <i>Skeletal Radiology</i> , 2016, 45, 169-176.	2.0	19
65	Long-term assessment of clinical outcomes of ultrasound-guided steroid injections in patients with piriformis syndrome. <i>Ultrasonography</i> , 2015, 34, 206-210.	2.3	28
66	Fluoroscopy-Guided Lumbar Drainage of Cerebrospinal Fluid for Patients in Whom a Blind Beside Approach Is Difficult. <i>Korean Journal of Radiology</i> , 2015, 16, 860.	3.4	8
67	Value of Additional Cervicothoracic Sagittal T2-Weighted Images in Elderly Patients with Symptoms Suggestive of Lumbar Spinal Stenosis. <i>Journal of the Korean Society of Radiology</i> , 2015, 73, 18.	0.2	2
68	MRI Inter-Reader and Intra-Reader Reliabilities for Assessing Injury Morphology and Posterior Ligamentous Complex Integrity of the Spine According to the Thoracolumbar Injury Classification System and Severity Score. <i>Korean Journal of Radiology</i> , 2015, 16, 889.	3.4	15
69	A New MRI Grading System for Cervical Foraminal Stenosis Based on Axial T2-Weighted Images. <i>Korean Journal of Radiology</i> , 2015, 16, 1294.	3.4	64
70	MR Classification System Based on Axial Images for Cervical Compressive Myelopathy. <i>Radiology</i> , 2015, 276, 553-561.	7.3	30
71	Magnetic Resonance Imaging Findings of the Lateral Collateral Ligament and Popliteus Tendon in Symptomatic Knees Without Instability. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 665-672.	2.7	4
72	Assessment of the Postoperative Appearance of the Rotator Cuff Tendon Using Serial Sonography After Arthroscopic Repair of a Rotator Cuff Tear. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1183-1190.	1.7	28

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73	Useful MRI Features for Distinguishing Benign Peripheral Nerve Sheath Tumors and Myxoid Tumors in the Musculoskeletal System. Investigative Magnetic Resonance Imaging, 2015, 19, 153.	0.4	4
74	Development of an Online Radiology Case Review System Featuring Interactive Navigation of Volumetric Image Datasets Using Advanced Visualization Techniques. Journal of the Korean Society of Radiology, 2015, 73, 312.	0.2	1
75	Efficacy of Computed Tomography Guided Radiofrequency Ablation for Osteoid Osteomas in 31 Patients. Journal of the Korean Society of Radiology, 2015, 72, 255.	0.2	0
76	MR Findings of the Osteofibrous Dysplasia. Korean Journal of Radiology, 2014, 15, 114.	3.4	20
77	Focal Anterior Displacement of the Thoracic Spinal Cord without Evidence of Spinal Cord Herniation or an Intradural Mass. Korean Journal of Radiology, 2014, 15, 733.	3.4	5
78	Comparison of the Efficacy of Epidural Autologous Blood Patch in the Treatment of Spontaneous Intracranial Hypotension and Post-Dural Puncture Headache. Journal of the Korean Society of Radiology, 2014, 70, 299.	0.2	1
79	Synovial Osteochondromatosis of the Cervical Spine: A Case Report. Journal of the Korean Society of Radiology, 2014, 70, 379.	0.2	1
80	Fatty degeneration of the rotator cuff muscles on pre- and postoperative CT arthrography (CTA): is the Goutallier grading system reliable?. Skeletal Radiology, 2013, 42, 1259-1267.	2.0	37
81	Lumbar facet joint injection: feasibility as an alternative method in high-risk patients. European Radiology, 2013, 23, 3153-3160.	4.5	21
82	The Effectiveness of Ultrasound-Guided Steroid Injection for Femoroacetabular Impingement: A Comparison between the Extra-Articular and Intra-Articular Approaches. Journal of the Korean Society of Radiology, 2013, 68, 237.	0.2	1
83	Comparison of Different 3.0 T Magnetic Resonance Sequences for Lumbosacral Plexus and Its Branches: Preliminary Study. Journal of the Korean Society of Radiology, 2013, 68, 49.	0.2	1
84	Magnetic Resonance Enhancement Patterns at the Different Ages of Symptomatic Osteoporotic Vertebral Compression Fractures. Journal of the Korean Society of Radiology, 2013, 68, 503.	0.2	0
85	The Value of Additional Cervicothoracic Spine Sagittal T2-weighted Images Included in Routine Lumbar Spine MR Imaging. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 91.	0.1	1
86	Epithelioid Hemangioendothelioma of the Femur with Benign Cystic Appearance. Journal of the Korean Society of Radiology, 2011, 65, 607.	0.2	0
87	The Role of Diffusion-Weighted MRI in Differentiation of Idiopathic Acute Transverse Myelitis and Acute Spinal Cord Infarction. Journal of the Korean Society of Radiology, 2011, 65, 101.	0.2	1
88	Percutaneous sacroplasty with the use of C-arm flat-panel detector CT: technical feasibility and clinical outcome. Skeletal Radiology, 2011, 40, 453-460.	2.0	13
89	A new grading system of lumbar central canal stenosis on MRI: an easy and reliable method. Skeletal Radiology, 2011, 40, 1033-1039.	2.0	151
90	Fluoroscopically guided caudal epidural steroid injection for management of degenerative lumbar spinal stenosis: short-term and long-term results. Skeletal Radiology, 2010, 39, 691-699.	2.0	38

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91	A Practical MRI Grading System for Lumbar Foraminal Stenosis. American Journal of Roentgenology, 2010, 194, 1095-1098.	2.2	325
92	Cervical transforaminal epidural steroid injection for the management of cervical radiculopathy: a comparative study of particulate versus non-particulate steroids. Skeletal Radiology, 2009, 38, 1077-1082.	2.0	87
93	Effectiveness of Transforaminal Epidural Steroid Injection by Using a Preganglionic Approach: A Prospective Randomized Controlled Study. Radiology, 2007, 245, 584-590.	7.3	102
94	Usefulness of Spinal MR Angiography for Detecting Adamkiewicz Artery. Journal of the Korean Radiological Society, 2007, 56, 63.	0.0	0
95	Cervical interlaminar epidural steroid injection for neck pain and cervical radiculopathy: effect and prognostic factors. Skeletal Radiology, 2007, 36, 431-436.	2.0	60
96	Transforaminal Epidural Steroid Injection for Lumbosacral Radiculopathy: Preganglionic versus Conventional Approach. Korean Journal of Radiology, 2006, 7, 139.	3.4	50
97	Optimization of Acquisition Parameters of Diffusion-Tensor Magnetic Resonance Imaging in the Spinal Cord. Investigative Radiology, 2006, 41, 553-559.	6.2	40
98	Therapeutic Effect and Outcome Predictors of Sciatica Treated Using Transforaminal Epidural Steroid Injection. American Journal of Roentgenology, 2006, 187, 1427-1431.	2.2	47
99	Value of Preoperative Cervical Discography. Journal of the Korean Radiological Society, 2006, 55, 103.	0.0	1