

Heung Sik Kang

List of Publications by Year in descending order

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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	A Practical MRI Grading System for Lumbar Foraminal Stenosis. American Journal of Roentgenology, 2010, 194, 1095-1098.	2.2	325
2	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
3	Effectiveness of Transforaminal Epidural Steroid Injection by Using a Preganglionic Approach: A Prospective Randomized Controlled Study. Radiology, 2007, 245, 584-590.	7.3	102
4	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
5	A New MRI Grading System for Cervical Foraminal Stenosis Based on Axial T2-Weighted Images. Korean Journal of Radiology, 2015, 16, 1294.	3.4	64
6	Cervical interlaminar epidural steroid injection for neck pain and cervical radiculopathy: effect and prognostic factors. Skeletal Radiology, 2007, 36, 431-436.	2.0	60
7	Transforaminal Epidural Steroid Injection for Lumbosacral Radiculopathy: Preganglionic versus Conventional Approach. Korean Journal of Radiology, 2006, 7, 139.	3.4	50
8	Therapeutic Effect and Outcome Predictors of Sciatica Treated Using Transforaminal Epidural Steroid Injection. American Journal of Roentgenology, 2006, 187, 1427-1431.	2.2	47
9	Fluoroscopically Guided Epidural Injections of the Cervical and Lumbar Spine. Radiographics, 2017, 37, 537-561.	3.3	44
10	Optimization of Acquisition Parameters of Diffusion-Tensor Magnetic Resonance Imaging in the Spinal Cord. Investigative Radiology, 2006, 41, 553-559.	6.2	40
11	MR evaluation of the meniscal ramp lesion in patients with anterior cruciate ligament tear. Skeletal Radiology, 2018, 47, 1683-1689.	2.0	40
12	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
13	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
14	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
15	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
16	MR Classification System Based on Axial Images for Cervical Compressive Myelopathy. Radiology, 2015, 276, 553-561.	7.3	30
17	Long-term assessment of clinical outcomes of ultrasound-guided steroid injections in patients with piriformis syndrome. Ultrasonography, 2015, 34, 206-210.	2.3	28
18	Assessment of the Postoperative Appearance of the Rotator Cuff Tendon Using Serial Sonography After Arthroscopic Repair of a Rotator Cuff Tear. Journal of Ultrasound in Medicine, 2015, 34, 1183-1190.	1.7	28

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19	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
20	Lumbar facet joint injection: feasibility as an alternative method in high-risk patients. <i>European Radiology</i> , 2013, 23, 3153-3160.	4.5	21
21	Cervical compressive myelopathy: flow analysis of cerebrospinal fluid using phase-contrast magnetic resonance imaging. <i>European Spine Journal</i> , 2017, 26, 40-48.	2.2	21
22	MRI Features of Aquaporin-4 Antibody-Positive Longitudinally Extensive Transverse Myelitis: Insights into the Diagnosis of Neuromyelitis Optica Spectrum Disorders. <i>American Journal of Neuroradiology</i> , 2018, 39, 782-787.	2.4	21
23	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
24	MR Findings of the Osteofibrous Dysplasia. <i>Korean Journal of Radiology</i> , 2014, 15, 114.	3.4	20
25	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. <i>Skeletal Radiology</i> , 2017, 46, 1335-1342.	2.0	20
26	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
27	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
28	Two-site blind epidural blood patch versus targeted epidural blood patch in spontaneous intracranial hypotension. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 147-154.	1.5	17
29	Postoperative Regression of Retro-odontoid Pseudotumor After Atlantoaxial Posterior Fixation. <i>Spine</i> , 2017, 42, 1763-1771.	2.0	16
30	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. <i>Radiology</i> , 2017, 283, 769-778.	7.3	16
31	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
32	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
33	Percutaneous sacroplasty with the use of C-arm flat-panel detector CT: technical feasibility and clinical outcome. <i>Skeletal Radiology</i> , 2011, 40, 453-460.	2.0	13
34	Texture Analysis of Torn Rotator Cuff on Preoperative Magnetic Resonance Arthrography as a Predictor of Postoperative Tendon Status. <i>Korean Journal of Radiology</i> , 2017, 18, 691.	3.4	12
35	Magnetic resonance imaging spectrum of spinal meningioma. <i>Clinical Imaging</i> , 2019, 55, 100-106.	1.5	12
36	Systemic effects of fluoroscopically guided epidural steroid injection with dexamethasone. <i>Korean Journal of Pain</i> , 2019, 32, 178-186.	2.2	12

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37	Effects of Facet Joint Injection Reducing the Need for Percutaneous Vertebroplasty in Vertebral Compression Fractures. CardioVascular and Interventional Radiology, 2016, 39, 740-745.	2.0	10
38	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
39	Efficacy and outcome predictors of fluoroscopy-guided facet joint injection for spondylolysis. Skeletal Radiology, 2018, 47, 1137-1144.	2.0	10
40	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
41	Quantitative Analysis of Disc Degeneration Using Axial T2 Mapping in a Percutaneous Annular Puncture Model in Rabbits. Korean Journal of Radiology, 2016, 17, 103.	3.4	9
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	Utility of heavily T2-weighted MR myelography as the first step in CSF leak detection and the planning of epidural blood patches. Journal of Clinical Neuroscience, 2020, 77, 110-115.	1.5	9
44	Percutaneous Sacroplasty : Effectiveness and Long-Term Outcome Predictors. Journal of Korean Neurosurgical Society, 2020, 63, 747-756.	1.2	9
45	Fluoroscopy-Guided Lumbar Drainage of Cerebrospinal Fluid for Patients in Whom a Blind Beside Approach Is Difficult. Korean Journal of Radiology, 2015, 16, 860.	3.4	8
46	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
47	Factors Affecting Radiation Exposure during Lumbar Epidural Steroid Injection: A Prospective Study in 759 Patients. Korean Journal of Radiology, 2016, 17, 405.	3.4	7
48	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
49	Predicting the clinically significant subscapularis tendon tear: malposition and tear of the long head of the biceps tendon on shoulder magnetic resonance imaging. Acta Radiologica, 2021, 62, 1648-1656.	1.1	7
50	Evaluation of the efficacy and safety of epidural steroid injection using a nonparticulate steroid, dexamethasone or betamethasone: a double-blind, randomized, crossover, clinical trial. Korean Journal of Pain, 2022, 35, 336-344.	2.2	7
51	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
52	Is multidetector computed tomography comparable to magnetic resonance imaging for assessment of lumbar foraminal stenosis?. Acta Radiologica, 2017, 58, 197-203.	1.1	5
53	The pattern of idiopathic isolated teres minor atrophy with regard to its two-bundle anatomy. Skeletal Radiology, 2019, 48, 363-374.	2.0	5
54	Magnetic Resonance Imaging Findings of the Lateral Collateral Ligament and Popliteus Tendon in Symptomatic Knees Without Instability. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 665-672.	2.7	4

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55	Evaluation of the responsiveness of outcome measures after spine injection: A retrospective study. PLoS ONE, 2019, 14, e0211763.	2.5	4
56	Non-traumatic ligamentum teres tears: association with MRI morphometry of the hip. Acta Radiologica, 2019, 60, 615-622.	1.1	4
57	Diagnostic accuracy of digital radiography for the diagnosis of osteonecrosis of the femoral head, revisited. Acta Radiologica, 2019, 60, 969-976.	1.1	4
58	Incidence and pattern of epidural spread during lumbar facet joint injection: a prospective study. Acta Radiologica, 2020, 61, 636-643.	1.1	4
59	Immediate postoperative MRI findings after lumbar decompression surgery: Correlation of imaging features with clinical outcome. Journal of Clinical Neuroscience, 2021, 89, 365-374.	1.5	4
60	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
61	Spinal Intraosseous Hibernoma: A Case Report and Review of Literature. Journal of the Korean Society of Radiology, 2020, 81, 965.	0.2	4
62	Various MRI Findings of Spinal Ependymoma. Journal of the Korean Society of Radiology, 2017, 76, 411.	0.2	3
63	Diffusion Tensor Imaging in Inflammatory and Neoplastic Intramedullary Spinal Cord Lesions: Focusing on Fiber Tracking. Journal of the Korean Society of Radiology, 2017, 76, 111.	0.2	3
64	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
65	Diagnosis of spinal metastasis: are MR images without contrast medium application sufficient?. Clinical Imaging, 2019, 55, 165-173.	1.5	3
66	Tumor grading of soft tissue sarcomas: Assessment with whole-tumor histogram analysis of apparent diffusion coefficient. European Journal of Radiology, 2022, 151, 110319.	2.6	3
67	Texture analysis of magnetic resonance image to differentiate benign from malignant myxoid soft tissue tumors: A retrospective comparative study. PLoS ONE, 2022, 17, e0267569.	2.5	3
68	Value of Additional Cervicothoracic Sagittal T2-Weighted Images in Elderly Patients with Symptoms Suggestive of Lumbar Spinal Stenosis. Journal of the Korean Society of Radiology, 2015, 73, 18.	0.2	2
69	Assessment of pisotriquetral misalignment with magnetic resonance imaging: Is it associated with trauma?. European Radiology, 2017, 27, 3033-3041.	4.5	2
70	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
71	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
72	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

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73	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
74	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
75	The Role of Diffusion-Weighted MRI in Differentiation of Idiopathic Acute Transverse Myelitis and Acute Spinal Cord Infarction. <i>Journal of the Korean Society of Radiology</i> , 2011, 65, 101.	0.2	1
76	The Effectiveness of Ultrasound-Guided Steroid Injection for Femoroacetabular Impingement: A Comparison between the Extra-Articular and Intra-Articular Approaches. <i>Journal of the Korean Society of Radiology</i> , 2013, 68, 237.	0.2	1
77	The usefulness of MDCT-myelography for patients with spontaneous intracranial hypotension. <i>SpringerPlus</i> , 2016, 5, 424.	1.2	1
78	Acute benign vertebral compression fractures: "see-through sign" on contrast-enhanced MR images. <i>European Spine Journal</i> , 2016, 25, 3470-3477.	2.2	1
79	The Efficacy of a Fluoroscopy Guided Epidural Autologous Blood Patch In the Treatment of a Post-Dural Puncture Headache. <i>Journal of the Korean Society of Radiology</i> , 2018, 78, 242.	0.2	1
80	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
81	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
82	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
83	Do Radiology Residents Perform Well in Preliminary Reporting of Emergency MRIs of Spine?. <i>Investigative Magnetic Resonance Imaging</i> , 2018, 22, 10.	0.4	1
84	Value of Preoperative Cervical Discography. <i>Journal of the Korean Radiological Society</i> , 2006, 55, 103.	0.0	1
85	Comparison of Different 3.0 T Magnetic Resonance Sequences for Lumbosacral Plexus and Its Branches: Preliminary Study. <i>Journal of the Korean Society of Radiology</i> , 2013, 68, 49.	0.2	1
86	The Value of Additional Cervicothoracic Spine Sagittal T2-weighted Images Included in Routine Lumbar Spine MR Imaging. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2013, 17, 91.	0.1	1
87	Comparison of the Efficacy of Epidural Autologous Blood Patch in the Treatment of Spontaneous Intracranial Hypotension and Post-Dural Puncture Headache. <i>Journal of the Korean Society of Radiology</i> , 2014, 70, 299.	0.2	1
88	Synovial Osteochondromatosis of the Cervical Spine: A Case Report. <i>Journal of the Korean Society of Radiology</i> , 2014, 70, 379.	0.2	1
89	Development of an Online Radiology Case Review System Featuring Interactive Navigation of Volumetric Image Datasets Using Advanced Visualization Techniques. <i>Journal of the Korean Society of Radiology</i> , 2015, 73, 312.	0.2	1
90	Diagnosis of Spinal Metastasis: Usefulness of Additional Diffusion-Weighted Imaging. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 1145.	0.2	1

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91	Usefulness of Spinal MR Angiography for Detecting Adamkiewicz Artery. Journal of the Korean Radiological Society, 2007, 56, 63.	0.0	0
92	Epithelioid Hemangioendothelioma of the Femur with Benign Cystic Appearance. Journal of the Korean Society of Radiology, 2011, 65, 607.	0.2	0
93	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
94	Sonographic Appearance of Steatocystoma: An Analysis of 14 Pathologically Confirmed Lesions. Journal of the Korean Society of Radiology, 2021, 82, 382.	0.2	0
95	Readability of extraspinal organs on scout images of lumbar spine MRI according to different protocols. PLoS ONE, 2021, 16, e0251310.	2.5	0
96	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
97	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
98	Various MRI Findings of <i>Toxocara canis</i> Myelitis. Journal of the Korean Society of Radiology, 2020, 81, 135.	0.2	0
99	Fluoroscopic lumbar transforaminal epidural steroid injections for recurrent herniated intervertebral disc after discectomy: Effectiveness and outcome predictors. PLoS ONE, 2022, 17, e0271054.	2.5	0