

Sang-youn Kim

List of Publications by Year in descending order

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72
papers

2,827
citations

186265

28
h-index

175258

52
g-index

75
all docs

75
docs citations

75
times ranked

3745
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic approach to the magnetic resonance imaging-based differential diagnosis of congenital MA $\frac{1}{4}$ llerian duct anomalies and their mimics. <i>Abdominal Imaging</i> , 2015, 40, 192-206.	2.0	281
2	Magnetic Resonance Evaluation of MA $\frac{1}{4}$ llerian Remnants in Mayer-Rokitansky-K $\frac{1}{4}$ ster-Hauser Syndrome. <i>Korean Journal of Radiology</i> , 2013, 14, 233.	3.4	275
3	Diagnostic Performance of Prostate Imaging Reporting and Data System Version 2 for Detection of Prostate Cancer: A Systematic Review and Diagnostic Meta-analysis. <i>European Urology</i> , 2017, 72, 177-188.	1.9	231
4	Macrocytic Neoplasms of the Pancreas: CT Differentiation of Serous Oligocystic Adenoma from Mucinous Cystadenoma and Intraductal Papillary Mucinous Tumor. <i>American Journal of Roentgenology</i> , 2006, 187, 1192-1198.	2.2	146
5	Head-to-Head Comparison Between Biparametric and Multiparametric MRI for the Diagnosis of Prostate Cancer: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2018, 211, W226-W241.	2.2	121
6	Histogram analysis of apparent diffusion coefficient map of diffusion-weighted MRI in endometrial cancer: a preliminary correlation study with histological grade. <i>Acta Radiologica</i> , 2014, 55, 1270-1277.	1.1	110
7	Early Experience in the Management of Postoperative Lymphatic Leakage Using Lipiodol Lymphangiography and Adjunctive Glue Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1177-1186.e1.	0.5	98
8	Diagnostic performance of MRI for prediction of muscle-invasiveness of bladder cancer: A systematic review and meta-analysis. <i>European Journal of Radiology</i> , 2017, 95, 46-55.	2.6	87
9	Shear Wave Elastography for Detection of Prostate Cancer: A Preliminary Study. <i>Korean Journal of Radiology</i> , 2014, 15, 346.	3.4	79
10	Non-alcoholic fatty liver disease in the first trimester and subsequent development of gestational diabetes mellitus. <i>Diabetologia</i> , 2019, 62, 238-248.	6.3	65
11	The Diagnostic Performance of MRI for Detection of Lymph Node Metastasis in Bladder and Prostate Cancer: An Updated Systematic Review and Diagnostic Meta-Analysis. <i>American Journal of Roentgenology</i> , 2018, 210, W95-W109.	2.2	64
12	PPAR $\frac{1}{3}$ neddylation essential for adipogenesis is a potential target for treating obesity. <i>Cell Death and Differentiation</i> , 2016, 23, 1296-1311.	11.2	61
13	Diagnostic Performance of Magnetic Resonance Imaging for the Detection of Bone Metastasis in Prostate Cancer: A Systematic Review and Meta-analysis. <i>European Urology</i> , 2018, 73, 81-91.	1.9	61
14	Shear-Wave Elastography for Detection of Prostate Cancer: A Systematic Review and Diagnostic Meta-Analysis. <i>American Journal of Roentgenology</i> , 2017, 209, 806-814.	2.2	57
15	Extracapsular Extension in Prostate Cancer: Added Value of Diffusion-Weighted MRI in Patients With Equivocal Findings on T2-Weighted Imaging. <i>American Journal of Roentgenology</i> , 2015, 204, W168-W175.	2.2	54
16	Preoperative Evaluation of Prostate Cancer Aggressiveness: Using ADC and ADC Ratio in Determining Gleason Score. <i>American Journal of Roentgenology</i> , 2016, 207, 114-120.	2.2	53
17	Magnetic resonance imaging for detection of parametrial invasion in cervical cancer: An updated systematic review and meta-analysis of the literature between 2012 and 2016. <i>European Radiology</i> , 2018, 28, 530-541.	4.5	52
18	Periprostatic Fat Thickness on MRI: Correlation With Gleason Score in Prostate Cancer. <i>American Journal of Roentgenology</i> , 2015, 204, W43-W47.	2.2	48

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19	Angiomyolipoma with minimal fat: differentiation of morphological and enhancement features from renal cell carcinoma at CT imaging. <i>Acta Radiologica</i> , 2016, 57, 1114-1122.	1.1	42
20	Shear wave elastography assessment in the prostate: an intraobserver reproducibility study. <i>Clinical Imaging</i> , 2015, 39, 484-487.	1.5	39
21	Conventional versus nerve-sparing radical surgery for cervical cancer: a meta-analysis. <i>Journal of Gynecologic Oncology</i> , 2015, 26, 100.	2.2	38
22	Pheochromocytoma as a frequent false-positive in adrenal washout CT: A systematic review and meta-analysis. <i>European Radiology</i> , 2018, 28, 1027-1036.	4.5	38
23	Diagnostic Performance of DWI for Differentiating High- From Low-Grade Clear Cell Renal Cell Carcinoma: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2017, 209, W374-W381.	2.2	37
24	Segmental Enhancement Inversion of Small Renal Oncocytoma: Differences in Prevalence According to Tumor Size. <i>American Journal of Roentgenology</i> , 2013, 200, 1054-1059.	2.2	32
25	Comparison of Segmental Enhancement Inversion on Biphasic MDCT Between Small Renal Oncocytomas and Chromophobe Renal Cell Carcinomas. <i>American Journal of Roentgenology</i> , 2013, 201, 598-604.	2.2	31
26	Assessment of deep myometrial invasion of endometrial cancer on MRI: added value of second-opinion interpretations by radiologists subspecialized in gynaecologic oncology. <i>European Radiology</i> , 2017, 27, 1877-1882.	4.5	31
27	The Efficacy of Lymph Node Embolization Using N-Butyl Cyanoacrylate Compared to Ethanol Sclerotherapy in the Management of Symptomatic Lymphorrhea after Pelvic Surgery. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 195-202.e1.	0.5	31
28	PI-RADS version 2 for prediction of pathological downgrading after radical prostatectomy: a preliminary study in patients with biopsy-proven Gleason Score 7 (3+4) prostate cancer. <i>European Radiology</i> , 2016, 26, 3580-3587.	4.5	30
29	Head-To-Head Comparison Between High- and Standard-b-Value DWI for Detecting Prostate Cancer: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2018, 210, 91-100.	2.2	30
30	Nonalcoholic fatty liver disease is a risk factor for large-for-gestational-age birthweight. <i>PLoS ONE</i> , 2019, 14, e0221400.	2.5	28
31	Diagnostic value of integrated PET/MRI for detection and localization of prostate cancer: Comparative study of multiparametric MRI and PET/CT. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 597-609.	3.4	27
32	Pre-Operative Prediction of Advanced Prostatic Cancer Using Clinical Decision Support Systems: Accuracy Comparison between Support Vector Machine and Artificial Neural Network. <i>Korean Journal of Radiology</i> , 2011, 12, 588.	3.4	26
33	Angiomyolipoma with minimal fat and non-clear cell renal cell carcinoma: differentiation on MDCT using classification and regression tree analysis-based algorithm. <i>Acta Radiologica</i> , 2014, 55, 1258-1269.	1.1	26
34	JOURNAL CLUB: Identification of Bone Metastasis With Routine Prostate MRI: A Study of Patients With Newly Diagnosed Prostate Cancer. <i>American Journal of Roentgenology</i> , 2016, 206, 1156-1163.	2.2	25
35	Establishment of the Seoul National University Prospectively Enrolled Registry for Genitourinary Cancer (SUPER-GUC): A prospective, multidisciplinary, bio-bank linked cohort and research platform. <i>Investigative and Clinical Urology</i> , 2019, 60, 235.	2.0	25
36	Intravoxel incoherent motion MRI-derived parameters and T2* relaxation time for noninvasive assessment of renal fibrosis: An experimental study in a rabbit model of unilateral ureter obstruction. <i>Magnetic Resonance Imaging</i> , 2018, 51, 104-112.	1.8	24

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37	Length of capsular contact on prostate MRI as a predictor of extracapsular extension: which is the most optimal sequence?. <i>Acta Radiologica</i> , 2017, 58, 489-497.	1.1	23
38	Success Factors of Laparoscopic Nerve-sparing Radical Hysterectomy for Preserving Bladder Function in Patients with Cervical Cancer: A Protocol-Based Prospective Cohort Study. <i>Annals of Surgical Oncology</i> , 2015, 22, 1987-1995.	1.5	21
39	Diagnostic Performance of CT for Diagnosis of Fat-Poor Angiomyolipoma in Patients With Renal Masses: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2017, 209, W297-W307.	2.2	21
40	Immunoglobulin G4-Related Sclerosing Disease Involving the Urethra: Case Report. <i>Korean Journal of Radiology</i> , 2012, 13, 803.	3.4	18
41	MDCT Findings of Renal Cell Carcinoma Associated With Xp11.2 Translocation and TFE3 Gene Fusion and Papillary Renal Cell Carcinoma. <i>American Journal of Roentgenology</i> , 2015, 204, 542-549.	2.2	18
42	What MRI features suspect malignant pure mesenchymal uterine tumors rather than uterine leiomyoma with cystic degeneration?. <i>Journal of Gynecologic Oncology</i> , 2018, 29, e26.	2.2	17
43	Adrenal adenoma and metastasis from clear cell renal cell carcinoma: can they be differentiated using standard MR techniques?. <i>Acta Radiologica</i> , 2014, 55, 1120-1128.	1.1	16
44	Efficacy and Safety of Daily Repeated Sonographically Guided High-Intensity Focused Ultrasound Treatment of Uterine Fibroids. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 397-406.	1.7	15
45	Low tube voltage computed tomography urography using low-concentration contrast media: Comparison of image quality in conventional computed tomography urography. <i>European Journal of Radiology</i> , 2015, 84, 2454-2463.	2.6	15
46	Magnetic resonance imaging findings of mucinous borderline ovarian tumors: comparison of intestinal and endocervical subtypes. <i>Abdominal Imaging</i> , 2015, 40, 1753-1760.	2.0	15
47	The risk of pregnancy-associated hypertension in women with nonalcoholic fatty liver disease. <i>Liver International</i> , 2020, 40, 2417-2426.	3.9	15
48	Low-Tube-Voltage CT Urography Using Low-Concentration-Iodine Contrast Media and Iterative Reconstruction: A Multi-Institutional Randomized Controlled Trial for Comparison with Conventional CT Urography. <i>Korean Journal of Radiology</i> , 2018, 19, 1119.	3.4	14
49	Apparent diffusion coefficient for prediction of parametrial invasion in cervical cancer: a critical evaluation based on stratification to a Likert scale using T2-weighted imaging. <i>Radiologia Medica</i> , 2018, 123, 209-216.	7.7	11
50	Diagnostic Performance of MRI for Assessing Parametrial Invasion in Cervical Cancer: A Head-to-Head Comparison between Oblique and True Axial T2-Weighted Images. <i>Korean Journal of Radiology</i> , 2019, 20, 378.	3.4	11
51	Usefulness of resistive index on spectral Doppler ultrasonography in the detection of renal cell carcinoma in patients with end-stage renal disease. <i>Ultrasonography</i> , 2014, 33, 136-142.	2.3	11
52	Metabolic Dysfunction-Associated Fatty Liver Disease and Subsequent Development of Adverse Pregnancy Outcomes. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 2542-2550.e8.	4.4	11
53	Differentiation between papillary renal cell carcinoma and fat-poor angiomyolipoma: a preliminary study assessing detection of intratumoral hemorrhage with chemical shift MRI and T2*-weighted gradient echo. <i>Acta Radiologica</i> , 2018, 59, 627-634.	1.1	10
54	Nonalcoholic fatty liver disease and early prediction of gestational diabetes mellitus using machine learning methods. <i>Clinical and Molecular Hepatology</i> , 2022, 28, 105-116.	8.9	9

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55	Early stage cervical cancer: role of magnetic resonance imaging after conization in determining residual tumor. <i>Acta Radiologica</i> , 2016, 57, 1268-1276.	1.1	8
56	Clear Cell Adenocarcinoma of the Urethra in Women: Distinctive MRI Findings for Differentiation From Nonadenocarcinoma and Non-Clear Cell Adenocarcinoma of the Urethra. <i>American Journal of Roentgenology</i> , 2017, 208, 805-811.	2.2	8
57	Infected cyst in patients with autosomal dominant polycystic kidney disease: Analysis of computed tomographic and ultrasonographic imaging features. <i>PLoS ONE</i> , 2018, 13, e0207880.	2.5	6
58	Adrenal Morphology as an Indicator of Long-Term Disease Control in Adults with Classic 21-Hydroxylase Deficiency. <i>Endocrinology and Metabolism</i> , 2022, 37, 124-137.	3.0	6
59	Prostate cancer-specific mortality after radical prostatectomy: value of preoperative MRI. <i>Acta Radiologica</i> , 2016, 57, 1006-1013.	1.1	5
60	Exophytic renal angiomyolipoma and perirenal liposarcoma: revisiting the role of CT for differential diagnosis. <i>Acta Radiologica</i> , 2016, 57, 249-255.	1.1	4
61	Reduction of cycles of neoadjuvant chemotherapy for advanced epithelial ovarian, fallopian or primary peritoneal cancer (ROCOCO): study protocol for a phase III randomized controlled trial. <i>BMC Cancer</i> , 2020, 20, 385.	2.6	4
62	Clinical Phenotypes of Tumors Invading the Rectosigmoid Colon Affecting the Extent of Debulking Surgery and Survival in Advanced Ovarian Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 673631.	2.8	4
63	Value of sagittal color Doppler ultrasonography as a supplementary tool in the differential diagnosis of fetal cleft lip and palate. <i>Ultrasonography</i> , 2017, 36, 53-59.	2.3	3
64	Reply to Erfan Ayubi and Saeid Safiri's Letter to the Editor re: Sungmin Woo, Chong Hyun Suh, Sang Youn Kim, Jeong Yeon Cho, Seung Hyup Kim. Diagnostic Performance of Prostate Imaging Reporting and Data System Version 2 for Detection of Prostate Cancer: A Systematic Review and Diagnostic Meta-analysis. <i>Eur Urol</i> 2017;72:177â€“88. <i>European Urology</i> , 2018, 73, e30.	1.9	1
65	Utilization of virtual low-keV monoenergetic images generated using dual-layer spectral detector computed tomography for the assessment of peritoneal seeding from ovarian cancer. <i>Medicine (United States)</i> , 2020, 99, e20444.	1.0	1
66	The diagnostic ability of an additional midline peripheral zone biopsy in transrectal ultrasonography-guided 12-core prostate biopsy to detect midline prostate cancer. <i>Ultrasonography</i> , 2016, 35, 61-68.	2.3	1
67	Preoperative risk stratification in women with endometrial cancer: A comparison of contrast-enhanced MR imaging and diffusion-weighted MR imaging. <i>European Journal of Radiology</i> , 2022, 150, 110276.	2.6	1
68	Reply to Jae Heon Kim, Bora Lee, and Benjamin I. Chung's Letter to the Editor re: Sungmin Woo, Chong Hyun Suh, Sang Youn Kim, Jeong Yeon Cho, Seung Hyup Kim. Diagnostic Performance of Magnetic Resonance Imaging for the Detection of Bone Metastasis in Prostate Cancer: A Systematic Review and Meta-analysis. <i>Eur Urol</i> . In press. http://dx.doi.org/10.1016/j.eururo.2017.03.042 . <i>European Urology</i> , 2017, 72, e100-e101.	1.9	0
69	Reply to Stefan Derlin, Christoph-A. von Klot, and Katja Hueper's Letter to the Editor re: Sungmin Woo, Chong Hyun Suh, Sang Youn Kim, Jeong Yeon Cho, Seung Hyup Kim. Diagnostic Performance of Magnetic Resonance Imaging for the Detection of Bone Metastasis in Prostate Cancer: A Systematic Review and Meta-analysis. <i>Eur Urol</i> . In press. http://dx.doi.org/10.1016/j.eururo.2017.03.042 . <i>European Urology</i> , 2017, 72, e100-e101.	1.9	0
70	Use of Iterative Reconstruction and a Small Contrast Volume in Rabbit Kidney CT: Comparison with Conventional Protocol. <i>Journal of the Korean Society of Radiology</i> , 2018, 79, 77.	0.2	0
71	Analysis of the Effects of Different Iodine Concentrations on the Characterization of Small Renal Lesions Detected by Multidetector Computed Tomography Scan: A Pilot Study. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 337.	0.2	0
72	Quantitative magnetic resonance imaging of chronic kidney disease: an experimental in vivo study using rat chronic kidney disease models. <i>Acta Radiologica</i> , 2021, , 028418512110651.	1.1	0