

# Stella K Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

1,627  
citations

304368

22  
h-index

329751

37  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2615  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed renal cancer models derived from MRI data: application in pre-surgical planning. <i>Abdominal Radiology</i> , 2017, 42, 1501-1509.	1.0	103
2	Diffusion-Weighted Intravoxel Incoherent Motion Imaging of Renal Tumors With Histopathologic Correlation. <i>Investigative Radiology</i> , 2012, 47, 688-696.	3.5	100
3	Solid Renal Masses: What the Numbers Tell Us. <i>American Journal of Roentgenology</i> , 2014, 202, 1196-1206.	1.0	100
4	The Diagnostic Performance of Dynamic Contrast-enhanced MR Imaging for Detection of Small Hepatocellular Carcinoma Measuring Up to 2 cm: A Meta-Analysis. <i>Radiology</i> , 2016, 278, 82-94.	3.6	91
5	Clinical decision support tool and rapid point-of-care platform for determining disease severity in patients with COVID-19. <i>Lab on A Chip</i> , 2020, 20, 2075-2085.	3.1	82
6	DWI for Renal Mass Characterization: Systematic Review and Meta-Analysis of Diagnostic Test Performance. <i>American Journal of Roentgenology</i> , 2015, 205, 317-324.	1.0	75
7	Distribution of Renal Tumor Growth Rates Determined by Using Serial Volumetric CT Measurements. <i>Radiology</i> , 2009, 250, 137-144.	3.6	59
8	Contemporary Imaging of the Renal Mass. <i>Urologic Clinics of North America</i> , 2012, 39, 161-170.	0.8	56
9	ACR Appropriateness Criteria® Acute Pelvic Pain in the Reproductive Age Group. <i>Ultrasound Quarterly</i> , 2016, 32, 108-115.	0.3	47
10	The utility of quantitative ADC values for differentiating high-risk from low-risk prostate cancer: a systematic review and meta-analysis. <i>Abdominal Radiology</i> , 2017, 42, 260-270.	1.0	44
11	ACR Appropriateness Criteria® Staging and Follow-Up of Ovarian Cancer. <i>Journal of the American College of Radiology</i> , 2018, 15, S198-S207.	0.9	44
12	Imaging Appearance of Granulomatous Disease After Intravesical Bacille Calmette-Guérin (BCG) Treatment of Bladder Carcinoma. <i>American Journal of Roentgenology</i> , 2009, 192, 1494-1500.	1.0	41
13	Contemporary Imaging of the Renal Mass. <i>Current Urology Reports</i> , 2011, 12, 11-17.	1.0	41
14	Discrepancy Rates and Clinical Impact of Imaging Secondary Interpretations: A Systematic Review and Meta-Analysis. <i>Journal of the American College of Radiology</i> , 2018, 15, 1222-1231.	0.9	35
15	ACR Appropriateness Criteria® Clinically Suspected Adnexal Mass, No Acute Symptoms. <i>Journal of the American College of Radiology</i> , 2019, 16, S77-S93.	0.9	34
16	Managing COVID-19 With a Clinical Decision Support Tool in a Community Health Network: Algorithm Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e22033.	2.1	33
17	Natural Language Processing for Identification of Incidental Pulmonary Nodules in Radiology Reports. <i>Journal of the American College of Radiology</i> , 2019, 16, 1587-1594.	0.9	32
18	Common Postoperative Findings Unique to Laparoscopic Surgery. <i>Radiographics</i> , 2014, 34, 119-138.	1.4	31

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19	Diffusion-weighted imaging for prediction of volumetric response of leiomyomas following uterine artery embolization: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 641-646.	1.9	27
20	Cost-effectiveness of Virtual Bone Strength Testing in Osteoporosis Screening Programs for Postmenopausal Women in the United States. <i>Radiology</i> , 2017, 285, 506-517.	3.6	27
21	High temporal resolution 3D gadolinium-enhanced dynamic MR imaging of renal tumors with pharmacokinetic modeling: Preliminary observations. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 802-808.	1.9	24
22	JOURNAL CLUB: How Radiation Exposure Histories Influence Physician Imaging Decisions: A Multicenter Radiologist Survey Study. <i>American Journal of Roentgenology</i> , 2013, 200, 1275-1283.	1.0	23
23	Point-of-care oral cytology tool for the screening and assessment of potentially malignant oral lesions. <i>Cancer Cytopathology</i> , 2020, 128, 207-220.	1.4	23
24	Advanced Renal Mass Imaging: Diffusion and Perfusion MRI. <i>Current Urology Reports</i> , 2012, 13, 93-98.	1.0	22
25	A Randomized Study of Patient Risk Perception for Incidental Renal Findings on Diagnostic Imaging Tests. <i>American Journal of Roentgenology</i> , 2018, 210, 369-375.	1.0	22
26	Diagnostic test accuracy of ADC values for identification of clear cell renal cell carcinoma: systematic review and meta-analysis. <i>European Radiology</i> , 2020, 30, 4023-4038.	2.3	22
27	MRI screening for uterine leiomyosarcoma. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e282-e294.	1.9	21
28	Intraductal papillary mucinous neoplasm (IPMN) of the pancreas: recommendations for Standardized Imaging and Reporting from the Society of Abdominal Radiology IPMN disease focused panel. <i>Abdominal Radiology</i> , 2021, 46, 1586-1606.	1.0	21
29	ACR Appropriateness Criteria® Pretreatment Evaluation and Follow-Up of Endometrial Cancer. <i>Journal of the American College of Radiology</i> , 2020, 17, S472-S486.	0.9	20
30	Diagnostic Accuracy of MRI for Detection of Papillary Renal Cell Carcinoma: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2018, 211, 812-821.	1.0	17
31	The Reading Room Coordinator: Reducing Radiologist Burnout in the Digital Age. <i>Journal of the American College of Radiology</i> , 2018, 15, 65-68.	0.9	16
32	Patient Experience With Notification of Radiology Results: A Comparison of Direct Communication and Patient Portal Use. <i>Journal of the American College of Radiology</i> , 2020, 17, 1130-1138.	0.9	16
33	Noninvasive Follicular Tumor With Papillary-Like Nuclear Features: Not A Tempest In A Teapot. <i>Endocrine Practice</i> , 2017, 23, 451-457.	1.1	14
34	Utility of diffusion-weighted MR imaging in the diagnosis of placenta accreta spectrum abnormality. <i>Abdominal Radiology</i> , 2018, 43, 3147-3156.	1.0	14
35	Comparative performance of non-contrast MRI with HASTE vs. contrast-enhanced MRI/3D-MRCP for possible choledocholithiasis in hospitalized patients. <i>Abdominal Radiology</i> , 2017, 42, 1650-1658.	1.0	13
36	Imaging for Metastatic Renal Cell Carcinoma. <i>Urologic Clinics of North America</i> , 2020, 47, 281-291.	0.8	13

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37	Dynamic Contrast-Enhanced Magnetic Resonance Imaging Measurement of Renal Function in Patients Undergoing Partial Nephrectomy. <i>Investigative Radiology</i> , 2013, 48, 687-692.	3.5	12
38	A Roadmap for Personalized Care in Radiology. <i>Radiology</i> , 2015, 277, 638-643.	3.6	12
39	Risk-stratified versus Non- Risk-stratified Diagnostic Testing for Management of Suspected Acute Biliary Obstruction: Comparative Effectiveness, Costs, and the Role of MR Cholangiopancreatography. <i>Radiology</i> , 2017, 284, 468-481.	3.6	12
40	Personalized Treatment for Small Renal Tumors: Decision Analysis of Competing Causes of Mortality. <i>Radiology</i> , 2019, 290, 732-743.	3.6	12
41	Process Improvement for Communication and Follow-up of Incidental Lung Nodules. <i>Journal of the American College of Radiology</i> , 2020, 17, 224-230.	0.9	11
42	Comparison of Non-Tumoral Portal Vein Thrombosis Management in Cirrhotic Patients: TIPS Versus Anticoagulation Versus No Treatment. <i>Journal of Clinical Medicine</i> , 2021, 10, 2316.	1.0	11
43	ACR Appropriateness Criteria® Ovarian Cancer Screening. <i>Journal of the American College of Radiology</i> , 2017, 14, S490-S499.	0.9	10
44	Volume and Coverage of Secondary Imaging Interpretation Under Medicare, 2003 to 2016. <i>Journal of the American College of Radiology</i> , 2018, 15, 1394-1400.	0.9	10
45	Management of Small Kidney Tumors in 2019. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1622.	3.8	9
46	Navigating Uncertainty in the Management of Incidental Findings. <i>Journal of the American College of Radiology</i> , 2019, 16, 700-708.	0.9	8
47	Active Surveillance Strategies for Low-Grade Prostate Cancer: Comparative Benefits and Cost-effectiveness. <i>Radiology</i> , 2021, 300, 594-604.	3.6	8
48	Performance of multidetector CT in the evaluation of the endometrium: Measurement of endometrial thickness and detection of disease. <i>Clinical Radiology</i> , 2014, 69, 1123-1128.	0.5	7
49	Exome and Genome Sequencing and Parallels in Radiology: Searching for Patient-Centered Management of Incidental and Secondary Findings. <i>Journal of the American College of Radiology</i> , 2016, 13, 1467-1472.	0.9	7
50	Tumor Anatomy Scoring and Renal Function for Nephron-Sparing Treatment Selection in Patients With Small Renal Masses: A Microsimulation-Based Decision Analysis. <i>American Journal of Roentgenology</i> , 2016, 207, 344-353.	1.0	7
51	Residents' Introduction to Comparative Effectiveness Research and Big Data Analytics. <i>Journal of the American College of Radiology</i> , 2017, 14, 534-536.	0.9	7
52	Use of Breast Cancer Screening and Its Association with Later Use of Preventive Services among Medicare Beneficiaries. <i>Radiology</i> , 2018, 288, 660-668.	3.6	7
53	ACR Appropriateness Criteria® Gestational Trophoblastic Disease. <i>Journal of the American College of Radiology</i> , 2019, 16, S348-S363.	0.9	7
54	Measuring the value of MRI: Comparative effectiveness & outcomes research. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e78-e84.	1.9	6

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55	MR Renographic Measurement of Renal Function in Patients Undergoing Partial Nephrectomy. American Journal of Roentgenology, 2013, 200, 1204-1209.	1.0	5
56	Designing Radiology Outcomes Studies—Essential Principles. Academic Radiology, 2016, 23, 898-904.	1.3	4
57	Supporting Imagers™ VOICE: A National Training Program in Comparative Effectiveness Research and Big Data Analytics. Journal of the American College of Radiology, 2018, 15, 1451-1454.	0.9	4
58	Population net benefit of prostate MRI with high spatiotemporal resolution contrast-enhanced imaging: A decision curve analysis. Journal of Magnetic Resonance Imaging, 2019, 49, 1400-1408.	1.9	4
59	ACR Appropriateness Criteria® Staging and Follow-up of Vulvar Cancer. Journal of the American College of Radiology, 2021, 18, S212-S228.	0.9	4
60	Society of Abdominal Radiology Disease Focused Panel Survey on Clinical Utilization of Incidental Pancreatic Cyst Management Recommendations and Template Reporting. Journal of the American College of Radiology, 2021, 18, 1324-1331.	0.9	4
61	Microsimulation Model of CT Versus MRI Surveillance of Bosniak IIF Renal Cystic Lesions: Should Effects of Radiation Exposure Affect Selection of Imaging Strategy?. American Journal of Roentgenology, 2014, 203, W629-W636.	1.0	3
62	Acute Appendicitis: Use of Clinical and CT Findings for Modeling Hospital Resource Utilization. American Journal of Roentgenology, 2015, 205, W275-W282.	1.0	3
63	Efficacy and Safety of Selective Vascular Endothelial Growth Factor Receptor Inhibitors Compared with Sorafenib for Metastatic Renal Cell Carcinoma: a Meta-analysis of Randomised Controlled Trials. Clinical Oncology, 2016, 28, 334-341.	0.6	3
64	Small Kidney Tumors. JAMA - Journal of the American Medical Association, 2019, 322, 588.	3.8	3
65	Prognostic Value of Histologic Subtype and Treatment Modality for T1a Kidney Cancers. Kidney Cancer, 2020, 4, 49-58.	0.2	2
66	Point-of-care characterization and risk-based management of oral lesions in primary dental clinics: A simulation model. PLoS ONE, 2020, 15, e0244446.	1.1	2
67	ACR Appropriateness Criteria® Staging and Follow-up of Primary Vaginal Cancer. Journal of the American College of Radiology, 2021, 18, S442-S455.	0.9	2
68	<sup>18</sup> F-Fluciclovine versus PSMA PET Imaging in Primary Tumor Detection during Initial Staging of High-Risk Prostate Cancer: A Systematic Review and Meta-Analysis. Radiology Imaging Cancer, 2022, 4, e210091.	0.7	2
69	Outcomes of Incidental Lung Nodules With Structured Recommendations and Electronic Tracking. Journal of the American College of Radiology, 2022, 19, 407-414.	0.9	2
70	1080 PRE- AND POST-OPERATIVE MEASUREMENT OF SINGLE KIDNEY FUNCTION IN PARTIAL NEPHRECTOMY FOR RENAL MASSES USING MAGNETIC RESONANCE RENOGRAPHY. Journal of Urology, 2011, 185, .	0.2	1
71	Enhancing communication in radiology using a hybrid computer-human based system. Clinical Imaging, 2020, 61, 95-98.	0.8	1
72	MRI screening for uterine leiomyosarcoma. , 2019, 49, e282.		1

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73	Does histologic subtype impact overall survival in observed T1a kidney cancers compared with competing risks? Implications for biopsy as a risk stratification tool. International Journal of Urology, 2022, , .	0.5	1
74	Correction of Data Reporting Errors. Radiology, 2013, 269, 949-950.	3.6	0
75	Radiology's Financial Portfolio: An Introduction to the Special Money Issue. Journal of the American College of Radiology, 2020, 17, 99-100.	0.9	0
76	When Less is Not More: Population-level Perspective on Adnexal Cyst Surveillance for Post-Menopausal Women. Journal of the American College of Radiology, 2021, 18, 231-232.	0.9	0
77	Overall Survival of Biopsy-confirmed T1B and T2A Kidney Cancers Managed With Observation: Prognostic Value of Tumor Histology. Clinical Genitourinary Cancer, 2021, 19, 280-287.	0.9	0