

Satheesh Krishna

List of Publications by Year in descending order

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62
papers

1,131
citations

394286

19
h-index

454834

30
g-index

63
all docs

63
docs citations

63
times ranked

1484
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical application of "Justification"™ and "Optimization"™ principle of ALARA in pediatric CT imaging: "How many children can be protected from unnecessary radiation?" European Journal of Radiology, 2015, 84, 1752-1757.	1.2	77
2	CT imaging of solid renal masses: pitfalls and solutions. Clinical Radiology, 2017, 72, 708-721.	0.5	72
3	Diagnostic accuracy of magnetic resonance imaging for tumour staging of bladder cancer: systematic review and meta-analysis. BJU International, 2018, 122, 744-753.	1.3	60
4	Evaluation of MRI for diagnosis of extraprostatic extension in prostate cancer. Journal of Magnetic Resonance Imaging, 2018, 47, 176-185.	1.9	59
5	Encapsulating Peritoneal Sclerosis: The Abdominal Cocoon. Radiographics, 2019, 39, 62-77.	1.4	57
6	Automated classification of solid renal masses on contrast-enhanced computed tomography images using convolutional neural network with decision fusion. European Radiology, 2020, 30, 5183-5190.	2.3	43
7	Diagnostic Accuracy of Unenhanced CT Analysis to Differentiate Low-Grade From High-Grade Chromophobe Renal Cell Carcinoma. American Journal of Roentgenology, 2018, 210, 1079-1087.	1.0	40
8	Transition zone prostate cancer: Logistic regression and machine learning models of quantitative ADC, shape and texture features are highly accurate for diagnosis. Journal of Magnetic Resonance Imaging, 2019, 50, 940-950.	1.9	36
9	Automated segmentation of prostate zonal anatomy on T2-weighted (T2W) and apparent diffusion coefficient (ADC) map MR images using U-Nets. Medical Physics, 2019, 46, 3078-3090.	1.6	36
10	Quantitative Prostate MRI. Journal of Magnetic Resonance Imaging, 2021, 53, 1632-1645.	1.9	35
11	Prognostic value of Prostate Imaging and Data Reporting System (PI-RADS) v. 2 assessment categories 4 and 5 compared to histopathological outcomes after radical prostatectomy. Journal of Magnetic Resonance Imaging, 2017, 46, 257-266.	1.9	32
12	Contemporary update on imaging of cystic renal masses with histopathological correlation and emphasis on patient management. Clinical Radiology, 2019, 74, 83-94.	0.5	32
13	Utility of MRI to Differentiate Clear Cell Renal Cell Carcinoma Adrenal Metastases From Adrenal Adenomas. American Journal of Roentgenology, 2017, 209, W152-W159.	1.0	30
14	Comparison of Prostate Imaging Reporting and Data System versions 1 and 2 for the Detection of Peripheral Zone Gleason Score 3 + 4 = 7 Cancers. American Journal of Roentgenology, 2017, 209, W365-W373.	1.0	25
15	Small-Bowel Tuberculosis: A Comparative Study of MR Enterography and Small-Bowel Follow-Through. American Journal of Roentgenology, 2016, 207, 571-577.	1.0	23
16	Is Ultrasound Useful for Further Evaluation of Homogeneously Hyperattenuating Renal Lesions Detected on CT?. American Journal of Roentgenology, 2017, 209, 604-610.	1.0	23
17	Characterization of clear cell renal cell carcinoma and other renal tumors: evaluation of dual-energy CT using material-specific iodine and fat imaging. European Radiology, 2020, 30, 2091-2102.	2.3	23
18	Diagnostic Accuracy of MRI for Detecting Inferior Vena Cava Wall Invasion in Renal Cell Carcinoma Tumor Thrombus Using Quantitative and Subjective Analysis. American Journal of Roentgenology, 2019, 212, 562-569.	1.0	22

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19	Role of MRI in Staging of Penile Cancer. Journal of Magnetic Resonance Imaging, 2020, 51, 1612-1629.	1.9	22
20	Bosniak Classification of Cystic Renal Masses, Version 2019: A Pictorial Guide to Clinical Use. Radiographics, 2021, 41, 814-828.	1.4	22
21	Medical 3D printing for vascular interventions and surgical oncology: a primer for the 2016 radiological society of North America (RSNA) hands-on course in 3D printing. 3D Printing in Medicine, 2016, 2, 5.	1.7	20
22	Active Surveillance of Renal Masses: The Role of Radiology. Radiology, 2022, 302, 11-24.	3.6	20
23	Diagnostic Accuracy of Qualitative and Quantitative Computed Tomography Analysis for Diagnosis of Pathological Grade and Stage in Upper Tract Urothelial Cell Carcinoma. Journal of Computer Assisted Tomography, 2018, 42, 204-210.	0.5	19
24	Imaging Manifestations of Acute and Chronic Renal Infection That Mimics Malignancy: How to Make the Diagnosis Using Computed Tomography and Magnetic Resonance Imaging. Canadian Association of Radiologists Journal, 2019, 70, 424-433.	1.1	19
25	Can Adrenal Adenomas Be Differentiated From Adrenal Metastases at Single-Phase Contrast-Enhanced CT?. American Journal of Roentgenology, 2018, 211, 1044-1050.	1.0	16
26	Attenuation and Degree of Enhancement With Conventional 120-kVp Polychromatic CT and 70-keV Monochromatic Rapid Kilovoltage-Switching Dual-Energy CT in Cystic and Solid Renal Masses. American Journal of Roentgenology, 2018, 211, 789-796.	1.0	16
27	Diagnosis of transition zone prostate cancer using T2-weighted (T2W) MRI: comparison of subjective features and quantitative shape analysis. European Radiology, 2019, 29, 1133-1143.	2.3	16
28	Diagnostic Accuracy of Attenuation Difference and Iodine Concentration Thresholds at Rapid-Kilovoltage-Switching Dual-Energy CT for Detection of Enhancement in Renal Masses. American Journal of Roentgenology, 2019, 213, 619-625.	1.0	16
29	Update on <sc>MRI</sc> of Cystic Renal Masses Including Bosniak Version 2019. Journal of Magnetic Resonance Imaging, 2021, 54, 341-356.	1.9	15
30	Magnetic resonance imaging (MRI) of the renal sinus. Abdominal Radiology, 2018, 43, 3082-3100.	1.0	14
31	Bosniak classification of cystic renal masses, version 2019: interpretation pitfalls and recommendations to avoid misclassification. Abdominal Radiology, 2021, 46, 2699-2711.	1.0	14
32	Preoperative planning and tracheal stent design in thoracic surgery: a primer for the 2017 Radiological Society of North America (RSNA) hands-on course in 3D printing. 3D Printing in Medicine, 2017, 3, 14.	1.7	12
33	Diagnostic Accuracy of MRI for Diagnosis of Internal Hernia in Pregnant Women With Prior Roux-en-Y Gastric Bypass. American Journal of Roentgenology, 2018, 211, 755-759.	1.0	12
34	Intraductal carcinoma of the prostate (IDCâ€) lowers apparent diffusion coefficient (ADC) values among intermediate risk prostate cancers. Journal of Magnetic Resonance Imaging, 2019, 50, 279-287.	1.9	12
35	Can MRI be used to diagnose histologic grade in T1a (<â€%4Acm) clear cell renal cell carcinomas?. Abdominal Radiology, 2019, 44, 2841-2851.	1.0	11
36	Imaging of Renal Cancer. Seminars in Ultrasound, CT and MRI, 2020, 41, 152-169.	0.7	11

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37	Ultrasonographic evaluation of oral submucous fibrosis in habitual areca nut chewers. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 20120319.	1.3	10
38	Fully automated localization of prostate peripheral zone tumors on apparent diffusion coefficient map MR images using an ensemble learning method. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1223-1234.	1.9	10
39	Evaluation of Crohn Disease Activity Using a Potential Abbreviated MRE Protocol Consisting of Balanced Steady-State Free Precession MRI Only Versus Full-Protocol MRE. <i>American Journal of Roentgenology</i> , 2021, 216, 384-392.	1.0	10
40	Clinicians and surgeon survey regarding current and future versions of CT/MRI LI-RADS. <i>Abdominal Radiology</i> , 2020, 45, 2603-2611.	1.0	9
41	Fournier gangrene: pictorial review. <i>Abdominal Radiology</i> , 2020, 45, 3838-3848.	1.0	8
42	ADC Metrics From Multiparametric MRI: Histologic Downgrading of Gleason Score 9 or 10 Prostate Cancers Diagnosed at Nontargeted Transrectal Ultrasound-Guided Biopsy. <i>American Journal of Roentgenology</i> , 2018, 211, W158-W165.	1.0	7
43	Update on Gadolinium-Based Contrast Agent-Enhanced Imaging in the Genitourinary System. <i>American Journal of Roentgenology</i> , 2019, 212, 1223-1233.	1.0	7
44	Radiographic Review of Avulsion Fractures <i>RadioGraphics Fundamentals</i> Online Presentation. <i>Radiographics</i> , 2018, 38, 1496-1497.	1.4	6
45	Diagnostic Accuracy of MRI in Local Staging (T Category) of Penile Cancer and the Value of Artificial Erection: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2022, 219, 28-36.	1.0	6
46	Hyperdense Basal Ganglia in Nonketotic Hyperglycemia. <i>Journal of Emergency Medicine</i> , 2015, 49, e57-e58.	0.3	5
47	Imaging and Management of Liver Cancer. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 122-138.	0.7	5
48	Dynamic Contrast-Enhanced MRI-Upgraded Prostate Imaging Reporting and Data System Version 2 Category 3 Peripheral Zone Observations Stratified by a Size Threshold of 15 mm. <i>American Journal of Roentgenology</i> , 2019, 213, 836-843.	1.0	4
49	Use of Oral Contrast in Abdominal/Pelvic CT Scans. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 339-340.	1.1	4
50	Pharmacokinetic modeling of dynamic contrast-enhanced (DCE)-MRI in PI-RADS category 3 peripheral zone lesions: preliminary study evaluating DCE-MRI as an imaging biomarker for detection of clinically significant prostate cancers. <i>Abdominal Radiology</i> , 2021, 46, 4370-4380.	1.0	4
51	Inter-observer and intra-observer agreement of Bosniak classification of cystic renal masses: Comparison between original version to version 2019 and effect of an online support calculator. <i>Canadian Urological Association Journal</i> , 2021, 15, 420-422.	0.3	4
52	Post Blalock-Taussig shunt mediastinal mass – a single shadow with two different destinies. <i>Indian Heart Journal</i> , 2014, 66, 227-230.	0.2	3
53	Multidetector Computed Tomography in Traumatic and Nontraumatic Aortic Emergencies: Emphasis on Acute Aortic Syndromes. <i>Canadian Association of Radiologists Journal</i> , 2020, 71, 322-334.	1.1	3
54	Imaging spectrum of traumatic urinary bladder and urethral injuries. <i>Abdominal Radiology</i> , 2021, 46, 681-691.	1.0	3

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55	â€²Floating lens signâ€² in traumatic lens dislocations. Middle East African Journal of Ophthalmology, 2015, 22, 129.	0.5	2
56	The Renal Vasculature: What the Radiologist Needs to Know. Radiographics, 2021, 41, 1531-1548.	1.4	2
57	Renal Neoplasms in Young Adults. Radiographics, 2022, 42, 433-450.	1.4	2
58	Controversies and Pitfalls of Imaging Patients Postoperative Bariatric Surgery. Current Radiology Reports, 2016, 4, 1.	0.4	1
59	Imaging considerations for thermal and radiotherapy ablation of primary and metastatic renal cell carcinoma. Abdominal Radiology, 2021, 46, 5386-5407.	1.0	1
60	Biliary Atresia in Neonates and Infants. Radiology, 2011, 261, 997-998.	3.6	0
61	Editorial for "Quantitative MRCP Imaging: Accuracy, Repeatability, Reproducibility, and Cohortâ€Derived Normative Ranges. Journal of Magnetic Resonance Imaging, 2020, 52, 821-822.	1.9	0
62	Editorial Comment: Pseudoenhancementâ€New Solutions to Old Problems?. American Journal of Roentgenology, 0, , .	1.0	0