

Avik Som

List of Publications by Year in descending order

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34
papers

1,156
citations

623734

14
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

2499
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxaemia related to COVID-19: vascular and perfusion abnormalities on dual-energy CT. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1365-1366.	9.1	256
2	Abdominal Imaging Findings in COVID-19: Preliminary Observations. <i>Radiology</i> , 2020, 297, E207-E215.	7.3	251
3	Pulmonary Vascular Manifestations of COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200277.	2.5	116
4	Monodispersed calcium carbonate nanoparticles modulate local pH and inhibit tumor growth in vivo. <i>Nanoscale</i> , 2016, 8, 12639-12647.	5.6	112
5	Racial and Ethnic Disparities in Disease Severity on Admission Chest Radiographs among Patients Admitted with Confirmed Coronavirus Disease 2019: A Retrospective Cohort Study. <i>Radiology</i> , 2020, 297, E303-E312.	7.3	57
6	Binocular Goggle Augmented Imaging and Navigation System provides real-time fluorescence image guidance for tumor resection and sentinel lymph node mapping. <i>Scientific Reports</i> , 2015, 5, 12117.	3.3	46
7	Imaging Volume Trends and Recovery During the COVID-19 Pandemic: A Comparative Analysis Between a Large Urban Academic Hospital and Its Affiliated Imaging Centers. <i>Academic Radiology</i> , 2020, 27, 1353-1362.	2.5	35
8	Protonation and Trapping of a Small pH-Sensitive Near-Infrared Fluorescent Molecule in the Acidic Tumor Environment Delineate Diverse Tumors in Vivo. <i>Molecular Pharmaceutics</i> , 2015, 12, 4237-4246.	4.6	31
9	Extracellular pH Modulates Neuroendocrine Prostate Cancer Cell Metabolism and Susceptibility to the Mitochondrial Inhibitor Niclosamide. <i>PLoS ONE</i> , 2016, 11, e0159675.	2.5	31
10	Operational Challenges of a Low-Dose CT Lung Cancer Screening Program During the Coronavirus Disease 2019 Pandemic. <i>Chest</i> , 2021, 159, 1288-1291.	0.8	28
11	Calcium carbonate nanoparticles stimulate tumor metabolic reprogramming and modulate tumor metastasis. <i>Nanomedicine</i> , 2019, 14, 169-182.	3.3	25
12	Implementation of the Radiological Society of North America Expert Consensus Guidelines on Reporting Chest CT Findings Related to COVID-19: A Multireader Performance Study. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200276.	2.5	20
13	Google search volume trends for cancer screening terms during the COVID-19 pandemic. <i>Journal of Medical Screening</i> , 2021, 28, 210-212.	2.3	20
14	Lung-RADS Category 3 and 4 Nodules on Lung Cancer Screening in Clinical Practice. <i>American Journal of Roentgenology</i> , 2022, 219, 55-65.	2.2	17
15	Resident-Led Medical Student Radiology Research Interest Group: An Engine for Recruitment, Research, and Mentoringâ€” <i>Radiology In Training</i> . <i>Radiology</i> , 2021, 300, E290-E292.	7.3	15
16	Comparison of Chest CT Findings of COVID-19, Influenza, and Organizing Pneumonia: A Multireader Study. <i>American Journal of Roentgenology</i> , 2021, 217, 1093-1102.	2.2	15
17	Nano-antacids enhance pH neutralization beyond their bulk counterparts: synthesis and characterization. <i>RSC Advances</i> , 2016, 6, 54331-54335.	3.6	11
18	Percutaneous Cryoablation: Safety and Efficacy for Pain Palliation of Metastases to Pleura and Chest Wall. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 294-300.	0.5	11

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19	Improving Glycemic Control With a Standardized Text-Message and Phone-Based Intervention: A Community Implementation. <i>JMIR Diabetes</i> , 2017, 2, e15.	1.9	11
20	Bridging the gap between invention and commercialization in medical devices. <i>Nature Biotechnology</i> , 2014, 32, 1063-1065.	17.5	10
21	A Novel Patient Engagement Platform Using Accessible Text Messages and Calls (Epharmix): Feasibility Study. <i>JMIR Formative Research</i> , 2017, 1, e2.	1.4	7
22	Prospective Evaluation of the Transparent, Elastomeric, Adaptable, Long-Lasting (TEAL) Respirator. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1076-1082.	4.9	6
23	Intubation and mortality prediction in hospitalized COVID-19 patients using a combination of convolutional neural network-based scoring of chest radiographs and clinical data. <i>BJR Open</i> , 2022, 4, .	0.6	6
24	EpxMedTracking: Feasibility Evaluation of an SMS-Based Medication Adherence Tracking System in Community Practice. <i>JMIR Research Protocols</i> , 2017, 6, e87.	1.0	5
25	Microwave Ablation as Bridging Therapy for Patients with Hepatocellular Carcinoma Awaiting Liver Transplant: A Single Center Experience. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1749-1754.	2.0	4
26	Utility of R.E.N.A.L. Nephrometry Scoring System in Predicting Complications and Outcomes of Percutaneous Microwave Ablation of Renal Tumors. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.5	3
27	The Effect of Preoperative Renal Failure on Outcomes Following Infrainguinal Endovascular Interventions for Peripheral Arterial Disease. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 459-465.	0.5	2
28	Intracardiac and aortic thrombi in the setting of SARS-CoV-2 infection. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.6	1
29	The Impact of Physician Exposure to Organized Political Advocacy in the Society of Interventional Radiology. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 616-617.	0.5	1
30	Retrospective evaluation of image-guided cholecystostomy tube utilization and outcomes during the first wave of the COVID-19 pandemic. <i>American Journal of Interventional Radiology</i> , 0, 5, 13.	0.0	1
31	Microwave Ablation for Resolution of Persistent Biloma Following Hepatectomy and Cholecystectomy: Case Report. <i>CardioVascular and Interventional Radiology</i> , 2021, , 1.	2.0	1
32	Predictors for Non-Home Patient Discharge Following Lower Extremity Arterial Interventions. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.5	1
33	Evaluation of International Research Contributions to the Vascular Group of Cochrane Systematic Reviews: A 23-Year Analysis from 1998 to 2021. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.5	0
34	Increasing Access to the National Institutes of Health Career Development Awards for Interventional Radiologists. <i>Academic Radiology</i> , 2022, , .	2.5	0