

Avik Som

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,156
citations

623574

14
h-index

434063

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. | 4.6 | 256 |
| 2 | Abdominal Imaging Findings in COVID-19: Preliminary Observations. <i>Radiology</i> , 2020, 297, E207-E215. | 3.6 | 251 |
| 3 | Pulmonary Vascular Manifestations of COVID-19 Pneumonia. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200277. | 0.9 | 116 |
| 4 | Monodispersed calcium carbonate nanoparticles modulate local pH and inhibit tumor growth in vivo. <i>Nanoscale</i> , 2016, 8, 12639-12647. | 2.8 | 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. | 3.6 | 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. | 1.6 | 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. | 1.3 | 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. | 2.3 | 31 |
| 9 | Extracellular pH Modulates Neuroendocrine Prostate Cancer Cell Metabolism and Susceptibility to the Mitochondrial Inhibitor Niclosamide. <i>PLoS ONE</i> , 2016, 11, e0159675. | 1.1 | 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. | 0.4 | 28 |
| 11 | Calcium carbonate nanoparticles stimulate tumor metabolic reprogramming and modulate tumor metastasis. <i>Nanomedicine</i> , 2019, 14, 169-182. | 1.7 | 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. | 0.9 | 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. | 1.1 | 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. | 1.0 | 17 |
| 15 | Resident-Led Medical Student Radiology Research Interest Group: An Engine for Recruitment, Research, and Mentoring” <i>Radiology In Training</i> . <i>Radiology</i> , 2021, 300, E290-E292. | 3.6 | 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. | 1.0 | 15 |
| 17 | Nano-antacids enhance pH neutralization beyond their bulk counterparts: synthesis and characterization. <i>RSC Advances</i> , 2016, 6, 54331-54335. | 1.7 | 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. | 0.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Improving Glycemic Control With a Standardized Text-Message and Phone-Based Intervention: A Community Implementation. <i>JMIR Diabetes</i> , 2017, 2, e15. | 0.9 | 11 |
| 20 | Bridging the gap between invention and commercialization in medical devices. <i>Nature Biotechnology</i> , 2014, 32, 1063-1065. | 9.4 | 10 |
| 21 | A Novel Patient Engagement Platform Using Accessible Text Messages and Calls (Epharmix): Feasibility Study. <i>JMIR Formative Research</i> , 2017, 1, e2. | 0.7 | 7 |
| 22 | Prospective Evaluation of the Transparent, Elastomeric, Adaptable, Long-Lasting (TEAL) Respirator. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1076-1082. | 2.5 | 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, . | 0.4 | 6 |
| 24 | EpxMedTracking: Feasibility Evaluation of an SMS-Based Medication Adherence Tracking System in Community Practice. <i>JMIR Research Protocols</i> , 2017, 6, e87. | 0.5 | 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. | 0.9 | 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, , . | 0.2 | 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. | 0.2 | 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. | 0.3 | 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. | 0.2 | 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. | 0.9 | 1 |
| 32 | Predictors for Non-Home Patient Discharge Following Lower Extremity Arterial Interventions. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , . | 0.2 | 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, , . | 0.2 | 0 |
| 34 | Increasing Access to the National Institutes of Health Career Development Awards for Interventional Radiologists. <i>Academic Radiology</i> , 2022, , . | 1.3 | 0 |