

# Kingshuk Roy Choudhury

## List of Publications by Year in descending order

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49  
papers

2,786  
citations

236612  
25  
h-index

197535  
49  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiological Society of North America/Quantitative Imaging Biomarker Alliance Shear Wave Speed Bias Quantification in Elastic and Viscoelastic Phantoms. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 569-581.	0.8	25
2	Utilization of Lung Cancer Screening in the Medicare Fee-for-Service Population. <i>Chest</i> , 2020, 158, 2200-2210.	0.4	29
3	Long-term Evolution of Hepatocellular Adenomas at MRI Follow-up. <i>Radiology</i> , 2020, 295, 361-372.	3.6	17
4	Liver Imaging Reporting and Data System (LI-RADS) v2018: diagnostic value of ancillary features favoring malignancy in hypervascular observations at intermediate (LR-3) and high probability (LR-4) for hepatocellular carcinoma. <i>European Radiology</i> , 2020, 30, 3770-3781.	2.3	16
5	Cardio-Respiratory tolerability of perfluoropropane Enhanced MRI of pulmonary ventilation. <i>Journal of Lung, Pulmonary &amp; Respiratory Research</i> , 2020, 7, 107-115.	0.3	1
6	A Geospatial Analysis of Factors Affecting Access to CT Facilities: Implications for Lung Cancer Screening. <i>Journal of the American College of Radiology</i> , 2019, 16, 1663-1668.	0.9	22
7	Retrospective analysis of safety and efficacy of anti-PD-1 therapy and radiation therapy in advanced melanoma: A bi-institutional study. <i>Radiotherapy and Oncology</i> , 2019, 138, 114-120.	0.3	11
8	Effect of Transmit Beamforming on Clutter Levels in Transthoracic Echocardiography. <i>Ultrasonic Imaging</i> , 2018, 40, 215-231.	1.4	3
9	Effect of Tumor Size on Risk of Metastatic Disease and Survival for Thyroid Cancer: Implications for Biopsy Guidelines. <i>Thyroid</i> , 2018, 28, 295-300.	2.4	63
10	White Matter Changes Related to Subconcussive Impact Frequency during a Single Season of High School Football. <i>American Journal of Neuroradiology</i> , 2018, 39, 245-251.	1.2	35
11	Clinical Utility of Fetal Short-Lag Spatial Coherence Imaging. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 794-806.	0.7	18
12	A Lamina-Associated Domain Border Governs Nuclear Lamina Interactions, Transcription, and Recombination of the Tcrb Locus. <i>Cell Reports</i> , 2018, 25, 1729-1740.e6.	2.9	37
13	Interchangeability between real and three-dimensional simulated lung tumors in computed tomography: an interalgorithm volumetry study. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	0.8	2
14	Effect of Radiation Dose Reduction and Reconstruction Algorithm on Image Noise, Contrast, Resolution, and Detectability of Subtle Hypoattenuating Liver Lesions at Multidetector CT: Filtered Back Projection versus a Commercial Model-based Iterative Reconstruction Algorithm. <i>Radiology</i> , 2017, 284, 777-787.	3.6	84
15	Variations in the functional visual field for detection of lung nodules on chest computed tomography: Impact of nodule size, distance, and local lung complexity. <i>Medical Physics</i> , 2017, 44, 3483-3490.	1.6	15
16	Assessment of healthcare personnel knowledge of stroke care at a large referral hospital in sub-Saharan Africa – A survey based approach. <i>Journal of Clinical Neuroscience</i> , 2017, 42, 71-74.	0.8	7
17	Tcrd Rearrangement Redirects a Processive Tcra Recombination Program to Expand the Tcra Repertoire. <i>Cell Reports</i> , 2017, 19, 2157-2173.	2.9	36
18	Inhibition of the Continuum of Radiation-Induced Normal Tissue Injury by a Redox-Active Mn Porphyrin. <i>Radiation Research</i> , 2017, 188, 94.	0.7	18

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19	Characterization of Small Focal Renal Lesions: Diagnostic Accuracy with Single-Phase Contrast-enhanced Dual-Energy CT with Material Attenuation Analysis Compared with Conventional Attenuation Measurements. <i>Radiology</i> , 2017, 284, 737-747.	3.6	69
20	Techniques for virtual lung nodule insertion: volumetric and morphometric comparison of projection-based and image-based methods for quantitative CT. <i>Physics in Medicine and Biology</i> , 2017, 62, 7280-7299.	1.6	12
21	Inadvertent Intrafacet Injection during Lumbar Interlaminar Epidural Steroid Injection: A Comparison of CT Fluoroscopic and Conventional Fluoroscopic Guidance. <i>American Journal of Neuroradiology</i> , 2017, 38, 398-402.	1.2	9
22	Differential response to exercise in claudin-low breast cancer. <i>Oncotarget</i> , 2017, 8, 100989-101004.	0.8	15
23	A Therapeutic Antibody for Cancer, Derived from Single Human B Cells. <i>Cell Reports</i> , 2016, 15, 1505-1513.	2.9	43
24	Neurobehavioral radiation mitigation to standard brain cancer therapy regimens by Mn(III) <i>n</i> -butoxyethylpyridylporphyrin-based redox modifier. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 372-381.	0.9	17
25	Time-Dependent Changes in Dural Enhancement Associated With Spontaneous Intracranial Hypotension. <i>American Journal of Roentgenology</i> , 2016, 207, 1283-1287.	1.0	37
26	The analytical change in plasma creatinine that constitutes a biologic/physiologic change. <i>Clinica Chimica Acta</i> , 2016, 459, 79-83.	0.5	5
27	Quantitative Features of Liver Lesions, Lung Nodules, and Renal Stones at Multi-Detector Row CT Examinations: Dependency on Radiation Dose and Reconstruction Algorithm. <i>Radiology</i> , 2016, 279, 185-194.	3.6	93
28	Virtual Monochromatic Images from Dual-Energy Multidetector CT: Variance in CT Numbers from the Same Lesion between Single-Source Projection-based and Dual-Source Image-based Implementations. <i>Radiology</i> , 2016, 279, 269-277.	3.6	62
29	Imaging Signs in Spontaneous Intracranial Hypotension: Prevalence and Relationship to CSF Pressure. <i>American Journal of Neuroradiology</i> , 2016, 37, 1374-1378.	1.2	87
30	How common is normal cerebrospinal fluid pressure in spontaneous intracranial hypotension? Cephalalgia, 2016, 36, 1209-1217.	1.8	97
31	Marked gender differences in progression of mild cognitive impairment over 8 years. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2015, 1, 103-110.	1.8	274
32	Minimally Invasive Versus Open Pancreaticoduodenectomy for Cancer. <i>Annals of Surgery</i> , 2015, 262, 372-377.	2.1	214
33	P4108: Marked gender differences in rate of cognitive decline in subjects at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, P817.	0.4	1
34	Characterizing Search, Recognition, and Decision in the Detection of Lung Nodules on CT Scans: Elucidation with Eye Tracking. <i>Radiology</i> , 2015, 274, 276-286.	3.6	77
35	The emerging science of quantitative imaging biomarkers terminology and definitions for scientific studies and regulatory submissions. <i>Statistical Methods in Medical Research</i> , 2015, 24, 9-26.	0.7	225
36	Detection of prostate cancer with multiparametric MRI (mpMRI): effect of dedicated reader education on accuracy and confidence of index and anterior cancer diagnosis. <i>Abdominal Imaging</i> , 2015, 40, 134-142.	2.0	71

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37	Effect of radiologists's experience with an adaptive statistical iterative reconstruction algorithm on detection of hypervascular liver lesions and perception of image quality. <i>Abdominal Imaging</i> , 2015, 40, 2850-2860.	2.0	5
38	Diagnostic performance of imaging criteria for distinguishing autoimmune cholangiopathy from primary sclerosing cholangitis and bile duct malignancy. <i>Abdominal Imaging</i> , 2015, 40, 3052-3061.	2.0	22
39	High-Pitch Dual-Source MDCT for Imaging of the Thoracoabdominal Aorta: Relationships Among Radiation Dose, Noise, Pitch, and Body Size in a Phantom Experiment and Clinical Study. <i>American Journal of Roentgenology</i> , 2015, 205, 834-839.	1.0	13
40	Dynamic treatment effect (DTE) curves reveal the mode of action for standard and experimental cancer therapies. <i>Oncotarget</i> , 2015, 6, 14656-14668.	0.8	2
41	Brain atrophy rates in first degree relatives at risk for Alzheimer's. <i>NeuroImage: Clinical</i> , 2014, 6, 340-346.	1.4	9
42	Educational attainment and hippocampal atrophy in the Alzheimer's disease neuroimaging initiative cohort. <i>Journal of Neuroradiology</i> , 2014, 41, 350-357.	0.6	25
43	Impact of Dual-Energy Multi-Detector Row CT with Virtual Monochromatic Imaging on Renal Cyst Pseudoenhancement: In Vitro and in Vivo Study. <i>Radiology</i> , 2014, 272, 767-776.	3.6	93
44	The Alzheimer Structural Connectome: Changes in Cortical Network Topology with Increased Amyloid Plaque Burden. <i>Radiology</i> , 2014, 273, 175-184.	3.6	71
45	Predicting Cognitive Decline in Subjects at Risk for Alzheimer Disease by Using Combined Cerebrospinal Fluid, MR Imaging, and PET Biomarkers. <i>Radiology</i> , 2013, 266, 583-591.	3.6	212
46	Dissecting the Gene Dose-Effects of the APOE $\epsilon$ 4 and $\epsilon$ 2 Alleles on Hippocampal Volumes in Aging and Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e54483.	1.1	64
47	Observation of dually decoded regions of the human genome using ribosome profiling data. <i>Genome Research</i> , 2012, 22, 2219-2229.	2.4	169
48	A Robust Automated Measure of Average Antibody Staining in Immunohistochemistry Images. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 95-107.	1.3	116
49	Fitting an ellipse to an arbitrary shape: implications for strain analysis. <i>Journal of Structural Geology</i> , 2004, 26, 143-153.	1.0	138