Kingshuk Roy Choudhury

List of Publications by Year
in descending order

49 papers	2,786 citations	236925 25 h-index	197818 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. Journal of Ultrasound in Medicine, 2021, 40, 569-581.	1.7	25
2	Utilization of Lung Cancer Screening in the Medicare Fee-for-Service Population. Chest, 2020, 158, 2200-2210.	0.8	29
3	Long-term Evolution of Hepatocellular Adenomas at MRI Follow-up. Radiology, 2020, 295, 361-372.	7.3	17
4	Liver Imaging Reporting and Data System (LI-RADS) v2018: diagnostic value of ancillary features favoring malignancy in hypervascular observations ≥â€‰10Âmm at intermediate (LR-3) and high probability (LR-4) for hepatocellular carcinoma. European Radiology, 2020, 30, 3770-3781.	4.5	16
5	Cardio-Respiratory tolerability of perfluoropropaneEnhanced MRI of pulmonary ventilation. Journal of Lung, Pulmonary & Respiratory Research, 2020, 7, 107-115.	0.3	1
6	A Geospatial Analysis of Factors Affecting Access to CT Facilities: Implications for Lung Cancer Screening. Journal of the American College of Radiology, 2019, 16, 1663-1668.	1.8	22
7	Retrospective analysis of safety and efficacy of anti-PD-1 therapy and radiation therapy in advanced melanoma: A bi-institutional study. Radiotherapy and Oncology, 2019, 138, 114-120.	0.6	11
8	Effect of Transmit Beamforming on Clutter Levels in Transthoracic Echocardiography. Ultrasonic Imaging, 2018, 40, 215-231.	2.6	3
9	Effect of Tumor Size on Risk of Metastatic Disease and Survival for Thyroid Cancer: Implications for Biopsy Guidelines. Thyroid, 2018, 28, 295-300.	4.5	63
10	White Matter Changes Related to Subconcussive Impact Frequency during a Single Season of High School Football. American Journal of Neuroradiology, 2018, 39, 245-251.	2.4	35
11	Clinical Utility of Fetal Short-Lag Spatial Coherence Imaging. Ultrasound in Medicine and Biology, 2018, 44, 794-806.	1.5	18
12	A Lamina-Associated Domain Border Governs Nuclear Lamina Interactions, Transcription, and Recombination of the Tcrb Locus. Cell Reports, 2018, 25, 1729-1740.e6.	6.4	37
13	Interchangeability between real and three-dimensional simulated lung tumors in computed tomography: an interalgorithm volumetry study. Journal of Medical Imaging, 2018, 5, 1.	1.5	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 Modelâ€"based Iterative Reconstruction Algorithm. Radiology, 2017, 284, 777-787.	7.3	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. Medical Physics, 2017, 44, 3483-3490.	3.0	15
16	Assessment of healthcare personnel knowledge of stroke care at a large referral hospital in sub-Saharan Africa â€" A survey based approach. Journal of Clinical Neuroscience, 2017, 42, 71-74.	1.5	7
17	Tcrd Rearrangement Redirects a Processive Tcra Recombination Program to Expand the Tcra Repertoire. Cell Reports, 2017, 19, 2157-2173.	6.4	36
18	Inhibition of the Continuum of Radiation-Induced Normal Tissue Injury by a Redox-Active Mn Porphyrin. Radiation Research, 2017, 188, 94.	1.5	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. Radiology, 2017, 284, 737-747.	7.3	69
20	Techniques for virtual lung nodule insertion: volumetric and morphometric comparison of projection-based and image-based methods for quantitative CT. Physics in Medicine and Biology, 2017, 62, 7280-7299.	3.0	12
21	Inadvertent Intrafacet Injection during Lumbar Interlaminar Epidural Steroid Injection: A Comparison of CT Fluoroscopic and Conventional Fluoroscopic Guidance. American Journal of Neuroradiology, 2017, 38, 398-402.	2.4	9
22	Differential response to exercise in claudin-low breast cancer. Oncotarget, 2017, 8, 100989-101004.	1.8	15
23	A Therapeutic Antibody for Cancer, Derived from Single Human B Cells. Cell Reports, 2016, 15, 1505-1513.	6.4	43
24	Neurobehavioral radiation mitigation to standard brain cancer therapy regimens by Mn(III) <i>n</i>â€butoxyethylpyridylporphyrinâ€based redox modifier. Environmental and Molecular Mutagenesis, 2016, 57, 372-381.	2.2	17
25	Time-Dependent Changes in Dural Enhancement Associated With Spontaneous Intracranial Hypotension. American Journal of Roentgenology, 2016, 207, 1283-1287.	2.2	37
26	The analytical change in plasma creatinine that constitutes a biologic/physiologic change. Clinica Chimica Acta, 2016, 459, 79-83.	1.1	5
27	Quantitative Features of Liver Lesions, Lung Nodules, and Renal Stones at Multiâ€"Detector Row CT Examinations: Dependency on Radiation Dose and Reconstruction Algorithm. Radiology, 2016, 279, 185-194.	7.3	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. Radiology, 2016, 279, 269-277.	7.3	62
29	Imaging Signs in Spontaneous Intracranial Hypotension: Prevalence and Relationship to CSF Pressure. American Journal of Neuroradiology, 2016, 37, 1374-1378.	2.4	87
30	How common is normal cerebrospinal fluid pressure in spontaneous intracranial hypotension?. Cephalalgia, 2016, 36, 1209-1217.	3.9	97
31	Marked gender differences in progression of mild cognitive impairment over 8 years. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2015, 1, 103-110.	3.7	274
32	Minimally Invasive Versus Open Pancreaticoduodenectomy for Cancer. Annals of Surgery, 2015, 262, 372-377.	4.2	214
33	P4â€108: Marked gender differences in rate of cognitive decline in subjects at risk for Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, P817.	0.8	1
34	Characterizing Search, Recognition, and Decision in the Detection of Lung Nodules on CT Scans: Elucidation with Eye Tracking. Radiology, 2015, 274, 276-286.	7.3	77
35	The emerging science of quantitative imaging biomarkers terminology and definitions for scientific studies and regulatory submissions. Statistical Methods in Medical Research, 2015, 24, 9-26.	1.5	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. Abdominal Imaging, 2015, 40, 134-142.	2.0	71

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37	Effect of radiologists' experience with an adaptive statistical iterative reconstruction algorithm on detection of hypervascular liver lesions and perception of image quality. Abdominal Imaging, 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. Abdominal Imaging, 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. American Journal of Roentgenology, 2015, 205, 834-839.	2.2	13
40	Dynamic treatment effect (DTE) curves reveal the mode of action for standard and experimental cancer therapies. Oncotarget, 2015, 6, 14656-14668.	1.8	2
41	Brain atrophy rates in first degree relatives at risk for Alzheimer's. NeuroImage: Clinical, 2014, 6, 340-346.	2.7	9
42	Educational attainment and hippocampal atrophy in the Alzheimer's disease neuroimaging initiative cohort. Journal of Neuroradiology, 2014, 41, 350-357.	1.1	25
43	Impact of Dual-Energy Multi–Detector Row CT with Virtual Monochromatic Imaging on Renal Cyst Pseudoenhancement: In Vitro and in Vivo Study. Radiology, 2014, 272, 767-776.	7.3	93
44	The Alzheimer Structural Connectome: Changes in Cortical Network Topology with Increased Amyloid Plaque Burden. Radiology, 2014, 273, 175-184.	7.3	71
45	Predicting Cognitive Decline in Subjects at Risk for Alzheimer Disease by Using Combined Cerebrospinal Fluid, MR Imaging, and PET Biomarkers. Radiology, 2013, 266, 583-591.	7.3	212
46	Dissecting the Gene Dose-Effects of the APOE ε4 and ε2 Alleles on Hippocampal Volumes in Aging and Alzheimer's Disease. PLoS ONE, 2013, 8, e54483.	2.5	64
47	Observation of dually decoded regions of the human genome using ribosome profiling data. Genome Research, 2012, 22, 2219-2229.	5.5	169
48	A Robust Automated Measure of Average Antibody Staining in Immunohistochemistry Images. Journal of Histochemistry and Cytochemistry, 2010, 58, 95-107.	2.5	116
49	Fitting an ellipse to an arbitrary shape: implications for strain analysis. Journal of Structural Geology, 2004, 26, 143-153.	2.3	138