Krishna Juluru

List of Publications by Year
in descending order

40 papers	2,013 citations	471509 17 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	3016 citing authors

#	Article	IF	Citations
1	High-intensity sequencing reveals the sources of plasma circulating cell-free DNA variants. Nature Medicine, 2019, 25, 1928-1937.	30.7	485
2	Federated learning for predicting clinical outcomes in patients with COVID-19. Nature Medicine, 2021, 27, 1735-1743.	30.7	300
3	Intra-abdominal pressure mechanism for stabilizing the lumbar spine. Journal of Biomechanics, 1999, 32, 13-17.	2.1	239
4	Lumbar spine stability can be augmented with an abdominal belt and/or increased intra-abdominal pressure. European Spine Journal, 1999, 8, 388-395.	2.2	163
5	Transcatheter Arterial Chemoembolization of Liver Tumors: Effects of Embolization Protocol on Injectable Volume of Chemotherapy and Subsequent Arterial Patency. CardioVascular and Interventional Radiology, 2003, 26, 111-117.	2.0	89
6	Computed Tomography Imaging of Gastrointestinal Stromal Tumors With Pathology Correlation. Journal of Computer Assisted Tomography, 2004, 28, 811-817.	0.9	75
7	Quality Initiatives MR Imaging in Patients at Risk for Developing Nephrogenic Systemic Fibrosis: Protocols, Practices, and Imaging Techniques to Maximize Patient Safety. Radiographics, 2009, 29, 9-22.	3.3	60
8	Genomic profiling identifies somatic mutations predicting thromboembolic risk in patients with solid tumors. Blood, 2021, 137, 2103-2113.	1.4	57
9	Phase II Single-arm Study of Durvalumab and Tremelimumab with Concurrent Radiotherapy in Patients with Mismatch Repairâ€"proficient Metastatic Colorectal Cancer. Clinical Cancer Research, 2021, 27, 2200-2208.	7.0	51
10	Facial Recognition Software Success Rates for the Identification of 3D Surface Reconstructed Facial Images: Implications for Patient Privacy and Security. Journal of Digital Imaging, 2012, 25, 347-351.	2.9	50
11	Developing a Radiology-Based Teaching Approach for Gross Anatomy in the Digital Era. Academic Radiology, 2010, 17, 1057-1065.	2.5	48
12	High-Grade Serous Ovarian Cancer: Associations between <i>BRCA</i> Mutation Status, CT Imaging Phenotypes, and Clinical Outcomes. Radiology, 2017, 285, 472-481.	7.3	46
13	Development and Utilization of a Web-Based Application as a Robust Radiology Teaching Tool (RadStax) for Medical Student Anatomy Teaching. Academic Radiology, 2015, 22, 247-255.	2.5	39
14	Corticomedullary Strain Ratio. Journal of Ultrasound in Medicine, 2013, 32, 1769-1775.	1.7	31
15	Rivaroxaban treatment of cancerâ€"associated venous thromboembolism: Memorial Sloan Kettering Cancer Center institutional experience. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 349-356.	2.3	29
16	Diagnostic accuracy of intracellular uptake rates calculated using dynamic Gdâ€"EOBâ€"DTPAâ€"enhanced MRI for hepatic fibrosis stage. Journal of Magnetic Resonance Imaging, 2017, 45, 1177-1185.	3.4	25
17	Bag-of-Words Technique in Natural Language Processing: A Primer for Radiologists. Radiographics, 2021, 41, 1420-1426.	3.3	21
18	Integrating AI Algorithms into the Clinical Workflow. Radiology: Artificial Intelligence, 2021, 3, e210013.	5.8	20

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19	Patterns of Metastatic Disease in Patients with Cancer Derived from Natural Language Processing of Structured CT Radiology Reports over a 10-year Period. Radiology, 2021, 301, 115-122.	7.3	19
20	Semiautomated CT-Based Quantification of Donor Kidney Volume Applied to a Predictive Model of Outcomes in Renal Transplantation. American Journal of Roentgenology, 2015, 204, W566-W572.	2.2	18
21	Radiologist-Level Performance by Using Deep Learning for Segmentation of Breast Cancers on MRI Scans. Radiology: Artificial Intelligence, 2022, 4, e200231.	5.8	16
22	Strategic Improvements for Gross Anatomy Web-Based Teaching. Anatomy Research International, 2012, 2012, 1-9.	1.1	15
23	The Potential of High Resolution Magnetic Resonance Microscopy in the Pathologic Analysis of Resected Breast and Lymph Tissue. Scientific Reports, 2015, 5, 17435.	3.3	13
24	Radiology Teaching Files: an Assessment of Their Role and Desired Features Based on a National Survey. Journal of Digital Imaging, 2015, 28, 389-398.	2.9	11
25	Implementation of a Point-of-Care Radiologist-Technologist Communication Tool in a Quality Assurance Program. American Journal of Roentgenology, 2017, 209, W18-W25.	2.2	10
26	Optimizing 90Y Particle Density Improves Outcomes After Radioembolization. CardioVascular and Interventional Radiology, 2022, 45, 958-969.	2.0	10
27	Intestinal Dysbiosis and Markers of Systemic Inflammation in Viscerally and Generally Obese Persons Living With HIV. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 83, 81-89.	2.1	9
28	Ultrasound strain elastography in assessment of cortical mechanical behavior in acute renal vein occlusion: in vivo animal model. Clinical Imaging, 2015, 39, 613-618.	1.5	8
29	Long term follow up of kidney donors with asymptomatic renal stones. Nephrology, 2017, 22, 649-651.	1.6	7
30	Semisupervised Training of a Brain MRI Tumor Detection Model Using Mined Annotations. Radiology, 2022, 303, 80-89.	7.3	7
31	Describing Disease-specific Reporting Guidelines: A Brief Guide for Radiologists. Radiographics, 2019, 39, 1233-1235.	3.3	5
32	Standardized Reporting of Oncologic Response: Making Every Report Count. Radiology Imaging Cancer, 2022, 4, .	1.6	5
33	An Informatics Approach to Facilitate Clinical Management of Patients With Retrievable Inferior Vena Cava Filters. American Journal of Roentgenology, 2018, 211, W178-W184.	2.2	4
34	Use of Spreadsheets for Research Data Collection and Preparation:. Academic Radiology, 2015, 22, 1592-1599.	2.5	2
35	Semi-automated Quantification of Lung Density on Chest CT Used as a Predictive Biomarker of Pulmonary Venous Hypertension. Academic Radiology, 2016, 23, 935-939.	2.5	2
36	Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients. PLoS ONE, 2017, 12, e0180350.	2.5	2

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37	Identification from MRI with Face-Recognition Software. New England Journal of Medicine, 2020, 382, 489-490.	27.0	2
38	A Mathematical Simulation to Assess Variability in Lung Nodule Size Measurement Associated With Nodule-Slice Position. Journal of Digital Imaging, 2015, 28, 373-379.	2.9	1
39	Extended Mutational Profiling By MSK-IMPACTTM Identifies Mutations Predicting Thromboembolic Risk in Patients with Solid Tumor Malignancy. Blood, 2019, 134, 633-633.	1.4	1
40	Weakly supervised pneumonia localization in chest xâ€‡rays using generative adversarial networks. Medical Physics, 2021, 48, 7154-7171.	3.0	0