

Ahmed Hosny

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

8,366
citations

471061

17
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

10319
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-based Detection of Intravenous Contrast Enhancement on CT Scans. <i>Radiology: Artificial Intelligence</i> , 2022, 4, .	3.0	9
2	Deep learning classification of lung cancer histology using CT images. <i>Scientific Reports</i> , 2021, 11, 5471.	1.6	96
3	Artificial intelligence for clinical oncology. <i>Cancer Cell</i> , 2021, 39, 916-927.	7.7	136
4	End-to-End Non-Small-Cell Lung Cancer Prognostication Using Deep Learning Applied to Pretreatment Computed Tomography. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 1141-1150.	1.0	2
5	Hybrid Living Materials: Digital Design and Fabrication of 3D Multimaterial Structures with Programmable Biohybrid Surfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1907401.	7.8	47
6	Transparency and reproducibility in artificial intelligence. <i>Nature</i> , 2020, 586, E14-E16.	13.7	233
7	Artificial intelligence in radiation oncology. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 771-781.	12.5	167
8	Deep Learning to Assess Long-term Mortality From Chest Radiographs. <i>JAMA Network Open</i> , 2019, 2, e197416.	2.8	97
9	Handcrafted versus deep learning radiomics for prediction of cancer therapy response. <i>The Lancet Digital Health</i> , 2019, 1, e106-e107.	5.9	59
10	Deep Learning Predicts Lung Cancer Treatment Response from Serial Medical Imaging. <i>Clinical Cancer Research</i> , 2019, 25, 3266-3275.	3.2	364
11	Artificial intelligence in cancer imaging: Clinical challenges and applications. <i>Ca-A Cancer Journal for Clinicians</i> , 2019, 69, 127-157.	157.7	965
12	Artificial intelligence for global health. <i>Science</i> , 2019, 366, 955-956.	6.0	76
13	Bioinspired design of flexible armor based on chiton scales. <i>Nature Communications</i> , 2019, 10, 5413.	5.8	56
14	Pre-procedural fit-testing of TAVR valves using parametric modeling and 3D printing. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 21-30.	0.7	49
15	3D printing and intraoperative neuronavigation tailoring for skull base reconstruction after extended endoscopic endonasal surgery: proof of concept. <i>Journal of Neurosurgery</i> , 2018, 130, 248-255.	0.9	15
16	Data Analysis Strategies in Medical Imaging. <i>Clinical Cancer Research</i> , 2018, 24, 3492-3499.	3.2	115
17	Unlocking vendor-specific tags: Three-dimensional printing of echocardiographic data sets. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 143-145.e1.	0.4	6
18	Deep learning for lung cancer prognostication: A retrospective multi-cohort radiomics study. <i>PLoS Medicine</i> , 2018, 15, e1002711.	3.9	385

#	ARTICLE	IF	CITATIONS
19	Artificial intelligence in radiology. Nature Reviews Cancer, 2018, 18, 500-510.	12.8	1,953
20	Making data matter: Voxel printing for the digital fabrication of data across scales and domains. Science Advances, 2018, 4, eaas8652.	4.7	78
21	3D Printing and Intraoperative Neuronavigation Tailoring for Skull Base Reconstruction after Extended Endoscopic Endonasal Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
22	Computational Radiomics System to Decode the Radiographic Phenotype. Cancer Research, 2017, 77, e104-e107.	0.4	3,458