Ahmed Hosny

List of Publications by Year in descending order

22 papers	8,366 citations	471509 17 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	10319 citing authors

#	Article	IF	Citations
1	Computational Radiomics System to Decode the Radiographic Phenotype. Cancer Research, 2017, 77, e104-e107.	0.9	3,458
2	Artificial intelligence in radiology. Nature Reviews Cancer, 2018, 18, 500-510.	28.4	1,953
3	Artificial intelligence in cancer imaging: Clinical challenges and applications. Ca-A Cancer Journal for Clinicians, 2019, 69, 127-157.	329.8	965
4	Deep learning for lung cancer prognostication: A retrospective multi-cohort radiomics study. PLoS Medicine, 2018, 15, e1002711.	8.4	385
5	Deep Learning Predicts Lung Cancer Treatment Response from Serial Medical Imaging. Clinical Cancer Research, 2019, 25, 3266-3275.	7.0	364
6	Transparency and reproducibility in artificial intelligence. Nature, 2020, 586, E14-E16.	27.8	233
7	Artificial intelligence in radiation oncology. Nature Reviews Clinical Oncology, 2020, 17, 771-781.	27.6	167
8	Artificial intelligence for clinical oncology. Cancer Cell, 2021, 39, 916-927.	16.8	136
9	Data Analysis Strategies in Medical Imaging. Clinical Cancer Research, 2018, 24, 3492-3499.	7.0	115
10	Deep Learning to Assess Long-term Mortality From Chest Radiographs. JAMA Network Open, 2019, 2, e197416.	5.9	97
11	Deep learning classification of lung cancer histology using CT images. Scientific Reports, 2021, 11, 5471.	3.3	96
12	Making data matter: Voxel printing for the digital fabrication of data across scales and domains. Science Advances, 2018, 4, eaas8652.	10.3	78
13	Artificial intelligence for global health. Science, 2019, 366, 955-956.	12.6	76
14	Handcrafted versus deep learning radiomics for prediction of cancer therapy response. The Lancet Digital Health, 2019, 1, e106-e107.	12.3	59
15	Bioinspired design of flexible armor based on chiton scales. Nature Communications, 2019, 10, 5413.	12.8	56
16	Pre-procedural fit-testing of TAVR valves using parametric modeling and 3D printing. Journal of Cardiovascular Computed Tomography, 2019, 13, 21-30.	1.3	49
17	Hybrid Living Materials: Digital Design and Fabrication of 3D Multimaterial Structures with Programmable Biohybrid Surfaces. Advanced Functional Materials, 2020, 30, 1907401.	14.9	47
18	3D printing and intraoperative neuronavigation tailoring for skull base reconstruction after extended endoscopic endonasal surgery: proof of concept. Journal of Neurosurgery, 2018, 130, 248-255.	1.6	15

#	Article	IF	Citations
19	Deep Learningâ€"based Detection of Intravenous Contrast Enhancement on CT Scans. Radiology: Artificial Intelligence, 2022, 4, .	5.8	9
20	Unlocking vendor-specific tags: Three-dimensional printing of echocardiographic data sets. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 143-145.e1.	0.8	6
21	End-to-End Nonâ€"Small-Cell Lung Cancer Prognostication Using Deep Learning Applied to Pretreatment Computed Tomography. JCO Clinical Cancer Informatics, 2021, 5, 1141-1150.	2.1	2
22	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.	0.8	0