

Rajat Thawani

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,430
citations

516710

16
h-index

345221

36
g-index

61
all docs

61
docs citations

61
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics and radiogenomics in lung cancer: A review for the clinician. <i>Lung Cancer</i> , 2018, 115, 34-41.	2.0	362
2	Perinodular and Intranodular Radiomic Features on Lung CT Images Distinguish Adenocarcinomas from Granulomas. <i>Radiology</i> , 2019, 290, 783-792.	7.3	226
3	Changes in CT Radiomic Features Associated with Lymphocyte Distribution Predict Overall Survival and Response to Immunotherapy in Non-Small Cell Lung Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 108-119.	3.4	187
4	Prediction of recurrence in early stage non-small cell lung cancer using computer extracted nuclear features from digital H&E images. <i>Scientific Reports</i> , 2017, 7, 13543.	3.3	85
5	Combination of Peri- and Intratumoral Radiomic Features on Baseline CT Scans Predicts Response to Chemotherapy in Lung Adenocarcinoma. <i>Radiology: Artificial Intelligence</i> , 2019, 1, 180012.	5.8	73
6	Shape Features of the Lesion Habitat to Differentiate Brain Tumor Progression from Pseudoprogression on Routine Multiparametric MRI: A Multisite Study. <i>American Journal of Neuroradiology</i> , 2018, 39, 2187-2193.	2.4	61
7	Predicting pathologic response to neoadjuvant chemoradiation in resectable stage III non-small cell lung cancer patients using computed tomography radiomic features. <i>Lung Cancer</i> , 2019, 135, 1-9.	2.0	51
8	Burnout and Sleep Quality: A Cross-Sectional Questionnaire-Based Study of Medical and Non-Medical Students in India. <i>Cureus</i> , 2015, 7, e361.	0.5	36
9	Stable and discriminating radiomic predictor of recurrence in early stage non-small cell lung cancer: Multi-site study. <i>Lung Cancer</i> , 2020, 142, 90-97.	2.0	29
10	Quality of life in patients with obsessive compulsive disorder: A longitudinal study from India. <i>Asian Journal of Psychiatry</i> , 2011, 4, 178-182.	2.0	28
11	Effect of Caffeine on Information Processing: Evidence from Stroop Task. <i>Indian Journal of Psychological Medicine</i> , 2012, 34, 218-222.	1.5	23
12	Estimation of Gestational Age, Using Neonatal Anthropometry: A Cross-sectional Study in India. <i>Journal of Health, Population and Nutrition</i> , 2014, 31, 523-30.	2.0	22
13	FRMD4A / RET : A Novel RET Oncogenic Fusion Variant in Non-Small Cell Lung Carcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, e15-e16.	1.1	21
14	Psychomotor Performance of Medical Students: Effect of 24 Hours of Sleep Deprivation. <i>Indian Journal of Psychological Medicine</i> , 2012, 34, 129-132.	1.5	20
15	Co-registration of pre-operative CT with ex vivo surgically excised ground glass nodules to define spatial extent of invasive adenocarcinoma on in vivo imaging: a proof-of-concept study. <i>European Radiology</i> , 2017, 27, 4209-4217.	4.5	20
16	Combination of computer extracted shape and texture features enables discrimination of granulomas from adenocarcinoma on chest computed tomography. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	20
17	Distinguishing granulomas from adenocarcinomas by integrating stable and discriminating radiomic features on non-contrast computed tomography scans. <i>European Journal of Cancer</i> , 2021, 148, 146-158.	2.8	18
18	Mass Effect Deformation Heterogeneity (MEDH) on Gadolinium-contrast T1-weighted MRI is associated with decreased survival in patients with right cerebral hemisphere Glioblastoma: A feasibility study. <i>Scientific Reports</i> , 2019, 9, 1145.	3.3	16

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19	Prostate shapes on pre-treatment MRI between prostate cancer patients who do and do not undergo biochemical recurrence are different: Preliminary Findings. <i>Scientific Reports</i> , 2017, 7, 15829.	3.3	11
20	Assessing the risk of thromboembolism in cancer patients receiving immunotherapy. <i>European Journal of Haematology</i> , 2022, 108, 271-277.	2.2	11
21	Oral dextrose for analgesia in neonates during nasogastric tube insertion: A randomised controlled trial. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 141-145.	0.8	10
22	Research letters. <i>Indian Pediatrics</i> , 2016, 53, 741-744.	0.4	10
23	Cause of mortality in patients with lung cancer and brain metastasis.. <i>Journal of Clinical Oncology</i> , 2020, 38, e21743-e21743.	1.6	9
24	Isolated Pulmonic Valve Endocarditis. <i>American Journal of Case Reports</i> , 2019, 20, 151-153.	0.8	8
25	Socio-economic profile of patients with community-acquired skin and soft tissue infections in Delhi. <i>Pathogens and Global Health</i> , 2014, 108, 279-282.	2.3	7
26	The future of radiomics in lung cancer. <i>The Lancet Digital Health</i> , 2020, 2, e103.	12.3	7
27	Primary renal cell lymphoma: Case report, diagnosis, and management. <i>Indian Journal of Medical and Paediatric Oncology</i> , 2017, 38, 545.	0.2	7
28	Tracheomediastinal Fistula: Rare Complication of Treatment with Bevacizumab. <i>Cureus</i> , 2018, 10, e2419.	0.5	7
29	Sa2018 - Radiomic Texture Analysis Shows Differential Expression within Visceral Adipose Tissue Regions on MRI Reflecting Severity of Pediatric Crohn's Disease. <i>Gastroenterology</i> , 2018, 154, S-448-S-449.	1.3	6
30	Porphyria cutanea tarda in a child with acute lymphoblastic leukemia. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2016, 109, 191-192.	0.5	5
31	Changes in computer extracted features of vessel tortuosity on CT scans post-treatment in responders compared to non-responders for non-small cell lung cancer on immunotherapy.. <i>Journal of Clinical Oncology</i> , 2017, 35, 11518-11518.	1.6	5
32	Changes in Computer Extracted Features of Vessel Tortuosity on CT Scans Post-Treatment in Responders Compared to Non-Responders for Non-“Small Cell Lung Cancer on Immunotherapy. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1547.	1.1	4
33	Evolution of radiomic features on serial CT scans as an imaging based biomarker for evaluating response in patients with non-small cell lung cancer treated with nivolumab.. <i>Journal of Clinical Oncology</i> , 2017, 35, e14534-e14534.	1.6	4
34	Case Reports. <i>Indian Pediatrics</i> , 2014, 51, 145-149.	0.4	3
35	Crack cocaine-“induced laryngeal injury. <i>American Journal of Emergency Medicine</i> , 2017, 35, 381.e5-381.e7.	1.6	3
36	Hypertension, diabetes, and corresponding annual clinical testing utilization: Comparison between Asian Indians and other races/ethnicities. <i>Preventive Medicine</i> , 2021, 153, 106761.	3.4	3

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37	From the editors of a Student journal. Education for Health: Change in Learning and Practice, 2013, 26, 115.	0.3	3
38	Leprosy and psoriasis co-existence. Indian Journal of Medical Sciences, 2012, 66, 241.	0.1	2
39	Infective Gangrene in Extremity Trauma—Are We Targeting the Right Organisms?. Indian Journal of Surgery, 2015, 77, 10-12.	0.3	1
40	MEDU-48. MRI TEXTURAL FEATURES CAN DIFFERENTIATE PEDIATRIC POSTERIOR FOSSA TUMORS. Neuro-Oncology, 2017, 19, iv47-iv47.	1.2	1
41	Prediction of Heparin Induced Thrombocytopenia (HIT) Using a Combination of 4Ts Score and Screening Immune Assays. Clinical and Applied Thrombosis/Hemostasis, 2020, 26, 107602962096285.	1.7	1
42	Can Tumor Location on Pre-treatment MRI Predict Likelihood of Pseudo-Progression vs. Tumor Recurrence in Glioblastoma?—A Feasibility Study. Frontiers in Computational Neuroscience, 2020, 14, 563439.	2.1	1
43	PD-L1 and Tumor Mutational Burden Are Not Predictive of Thrombosis in a Cohort of 1,221 Patients with Solid Organ Malignancies. Blood, 2021, 138, 1055-1055.	1.4	1
44	Costs of End-of-Life Care. Journal of Pain and Palliative Care Pharmacotherapy, 2012, 26, 296-297.	0.8	0
45	Congenital anomaly. Journal of Paediatrics and Child Health, 2015, 51, 739-739.	0.8	0
46	Objective, Structured Proforma to Score the Merit of Scientific Presentations. Indian Journal of Surgery, 2015, 77, 1001-1004.	0.3	0
47	Two Cases of NK/T Cell Lymphoma Presenting as Chronic Rhinosinusitis. Indian Journal of Hematology and Blood Transfusion, 2017, 33, 148-150.	0.6	0
48	NIMG-80. SHAPE ATTRIBUTES OF ENHANCING LESION BOUNDARIES CAN DIFFERENTIATE TUMOR RECURRENCE FROM PSEUDO-PROGRESSION ON ROUTINE BRAIN MRI SCANS: PRELIMINARY FINDINGS. Neuro-Oncology, 2017, 19, vi160-vi160.	1.2	0
49	NIMG-54. SPATIAL DISTRIBUTION ATLASES OF POST-TREATMENT MRI SCANS REVEAL DISTINCT HEMISPHERIC DISTRIBUTION OF GLIOBLASTOMA RECURRENCE FROM PSEUDO-PROGRESSION. Neuro-Oncology, 2018, 20, vi188-vi188.	1.2	0
50	Compulsory attendance. BMJ, The, 0, , d4414.	6.0	0
51	Prepare and deliver an effective presentation. BMJ, The, 0, , f7372.	6.0	0
52	Computer extracted measurements of intra-tumoral heterogeneity on H&E stained tissue images to distinguish short term and long term survivors in patients with non-small cell lung carcinoma.. Journal of Clinical Oncology, 2017, 35, e20052-e20052.	1.6	0
53	Computer extracted shape features of prostate capsule from MRI to predict biochemical recurrence of prostate cancer post-treatment.. Journal of Clinical Oncology, 2017, 35, e16579-e16579.	1.6	0
54	Computer extracted measurements of vessel tortuosity on baseline CT scans to predict response to nivolumab immunotherapy for non-small cell lung cancer.. Journal of Clinical Oncology, 2017, 35, 11566-11566.	1.6	0

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55	Computer extracted features of gland morphology on H&E surgically resected tissue images as predictive of biochemical recurrence and rate of expression in African American compared to Caucasian American men.. Journal of Clinical Oncology, 2017, 35, e16559-e16559.	1.6	0
56	Automated segmentation and radiomic characterization of visceral fat on bowel MRIs for Crohn's disease. , 2018, , .		0
57	Mortality Data in Mechanically Ventilated COVID-19 patients admitted to ICU: A Retrospective Study in Brooklyn. Anesthesia and Critical Care, 2021, 03, .	0.2	0