

# Amit Gupta

## List of Publications by Year in descending order

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104  
papers

1,835  
citations

430874

18  
h-index

330143

37  
g-index

104  
all docs

104  
docs citations

104  
times ranked

2136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Empowerment and Interpersonal Relations in Reducing Cynicism and Politics Among Indian IT Workers. <i>Vision</i> , 2024, 28, 67-75.	2.4	1
2	Predicting cancer outcomes with radiomics and artificial intelligence in radiology. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 132-146.	27.6	221
3	Factors Associated with Inability to Perform Delayed Primary Fascial Closure of Open Abdomen in Trauma Patients: a Retrospective Observational Study. <i>Indian Journal of Surgery</i> , 2022, 84, 983-989.	0.3	1
4	CT findings in renovascular injuries following abdominal trauma: a pictorial review. <i>Emergency Radiology</i> , 2022, , 1.	1.8	0
5	Novel imaging biomarkers predict outcomes in stage III unresectable non-small cell lung cancer treated with chemoradiation and durvalumab. , 2022, 10, e003778.		26
6	Assessing the clinical utility of volumetric HRCT in pediatric enlarged vestibular aqueduct related hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2022, 155, 111067.	1.0	1
7	Effect of No-Charge Coronary Artery Calcium Scoring on Cardiovascular Prevention. <i>American Journal of Cardiology</i> , 2022, 174, 40-47.	1.6	6
8	Coronary Artery Calcium Scoring: Current Status and Future Directions. <i>Radiographics</i> , 2022, 42, 947-967.	3.3	13
9	Novel Imaging Biomarkers to Assess Oncologic Treatmentâ€“Related Changes. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2022, , 687-699.	3.8	1
10	Novel Radiomic Measurements of Tumor-Associated Vasculature Morphology on Clinical Imaging as a Biomarker of Treatment Response in Multiple Cancers. <i>Clinical Cancer Research</i> , 2022, 28, 4410-4424.	7.0	6
11	Incidental Finding of Secondary Tumoral Calcinosis Following Cardiothoracic Surgery: The Role of Multimodality Imaging Including Spectral Detector Computed Tomography. <i>Cureus</i> , 2022, , .	0.5	0
12	CT Coronary Angiography Fractional Flow Reserve: New Advances in the Diagnosis and Treatment of Coronary Artery Disease. <i>Current Problems in Diagnostic Radiology</i> , 2021, 50, 925-936.	1.4	3
13	Evaluation of equivocal small cystic pancreatic lesions with spectral-detector computed tomography. <i>Acta Radiologica</i> , 2021, 62, 172-181.	1.1	3
14	Early Surgery in Trauma Patients Is a Key Performance Indicator of Outcomeâ€“A Case Series Analysis. <i>Indian Journal of Surgery</i> , 2021, 83, 183-187.	0.3	2
15	Indeterminate pulmonary nodule in lung allograft characterized using dual-energy computed tomography. <i>Radiology Case Reports</i> , 2021, 16, 132-135.	0.6	0
16	Severe acute respiratory syndrome (SARS), Middle East respiratory syndrome (MERS), influenza, and COVID-19, beyond the lungs: a review article. <i>Radiologia Medica</i> , 2021, 126, 561-569.	7.7	42
17	CT artifacts after contrast media injection in chest imaging: evaluation of post-processing algorithms, virtual monoenergetic images and their combination for artifact reduction. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 226-239.	2.0	7
18	Right atrial cardiac angiosarcoma treated with concurrent proton beam therapy and paclitaxel: A novel approach to a rare disease. <i>Thoracic Cancer</i> , 2021, 12, 1131-1133.	1.9	7

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19	Reduction of CT artifacts from cardiac implantable electronic devices using a combination of virtual monoenergetic images and post-processing algorithms. <i>European Radiology</i> , 2021, 31, 7151-7161.	4.5	13
20	Traumatic Arterio-Enteric Fistulaâ€”A Report of 2 Cases With Review of Literature. <i>Vascular and Endovascular Surgery</i> , 2021, 55, 631-637.	0.7	0
21	Abdominal vessel depiction on virtual triphasic spectral detector CT: initial clinical experience. <i>Abdominal Radiology</i> , 2021, 46, 3501-3511.	2.1	6
22	Magnitude and outcomes of complex perineal injury â€” A retrospective analysis of five yearsâ€™ data from a Level 1 trauma centre. <i>Tropical Doctor</i> , 2021, 51, 344-349.	0.5	0
23	LOWERING CUTOFF FOR HYPERTENSION IS RAISING THREE TIMES HEALTH EXPENDITURE IN INDIA. <i>Journal of Hypertension</i> , 2021, 39, e272.	0.5	0
24	IMPACT OF COVID 19 PANDEMIC ON BLOOD PRESSURE OF HEALTHCARE PROFESSIONALS DURING LOCKDOWN - AN INDIAN STUDY. <i>Journal of Hypertension</i> , 2021, 39, e203.	0.5	3
25	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
26	A Novel Nodule Edge Sharpness Radiomic Biomarker Improves Performance of Lung-RADS for Distinguishing Adenocarcinomas from Granulomas on Non-Contrast CT Scans. <i>Cancers</i> , 2021, 13, 2781.	3.7	4
27	Seamless Integration of Artificial Intelligence Into the Clinical Environment: Our Experience With a Novel Pneumothorax Detection Artificial Intelligence Algorithm. <i>Journal of the American College of Radiology</i> , 2021, 18, 1497-1505.	1.8	17
28	Computational Fluid Dynamics in Cardiovascular Imaging. <i>Advances in Clinical Radiology</i> , 2021, 3, 153-168.	0.2	0
29	COVID-19 pandemic revisited: lessons the radiology community has learned a year later. <i>Emergency Radiology</i> , 2021, 28, 1083-1086.	1.8	6
30	Predicting Mechanical Ventilation and Mortality in COVID-19 Using Radiomics and Deep Learning on Chest Radiographs: A Multi-Institutional Study. <i>Diagnostics</i> , 2021, 11, 1812.	2.6	26
31	COVID-19 infection complicated by acute ST-elevation myocardial infarction. <i>Clinical Imaging</i> , 2021, 78, 117-120.	1.5	1
32	â€œMultimodality imaging of the extrapleural space lesionsâ€• <i>Clinical Imaging</i> , 2021, 79, 64-84.	1.5	4
33	Improved characterization of focal airway lesions using spectral detector dual energy CT. <i>Clinical Imaging</i> , 2021, 79, 326-329.	1.5	0
34	Virtual Noncontrast Images From Portal Venous Phase Spectral-Detector CT Acquisitions for Adrenal Lesion Characterization. <i>Journal of Computer Assisted Tomography</i> , 2021, 45, 24-28.	0.9	11
35	Dual energy imaging in cardiothoracic pathologies: A primer for radiologists and clinicians. <i>European Journal of Radiology Open</i> , 2021, 8, 100324.	1.6	18
36	Novel Non-Invasive Radiomic Signature on CT Scans Predicts Response to Platinum-Based Chemotherapy and Is Prognostic of Overall Survival in Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 744724.	2.8	15

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37	The role of imaging techniques in understanding and evaluating the long-term pulmonary effects of COVID-19. Expert Review of Respiratory Medicine, 2021, 15, 1525-1537.	2.5	1
38	Role of spectral-detector CT in reduction of artifacts from contrast media in axillary and subclavian veins: single institution study in 50 patients. Acta Radiologica, 2020, 61, 450-460.	1.1	8
39	Changes in CT Radiomic Features Associated with Lymphocyte Distribution Predict Overall Survival and Response to Immunotherapy in Non-Small Cell Lung Cancer. Cancer Immunology Research, 2020, 8, 108-119.	3.4	187
40	Safety climate: Systematic literature network analysis of 38 years (1980-2018) of research. Accident Analysis and Prevention, 2020, 135, 105387.	5.7	62
41	Evaluation of the liver with virtual non-contrast: single institution study in 149 patients undergoing TAVR planning. British Journal of Radiology, 2020, 93, 20190701.	2.2	11
42	Virtual non-contrast for evaluation of liver parenchyma and vessels: results from 25 patients using multi-phase spectral-detector CT. Acta Radiologica, 2020, 61, 1143-1152.	1.1	21
43	Novel, non-invasive imaging approach to identify patients with advanced non-small cell lung cancer at risk of hyperprogressive disease with immune checkpoint blockade. , 2020, 8, e001343.		64
44	May Measurement Month 2018: an analysis of blood pressure screening campaign results in India. European Heart Journal Supplements, 2020, 22, H62-H65.	0.1	2
45	Identifying Cross-Scale Associations between Radiomic and Pathomic Signatures of Non-Small Cell Lung Cancer Subtypes: Preliminary Results. Cancers, 2020, 12, 3663.	3.7	33
46	Management of Complex Traumatic Renal Artery-Inferior Vena Cava Fistula: A Case Report and Review of the Literature. Vascular and Endovascular Surgery, 2020, 54, 449-454.	0.7	2
47	Preoperative assessment of lung nodules and lobar function by spectral detector computed tomography. Radiology Case Reports, 2020, 15, 966-969.	0.6	1
48	Conventional Computed Tomographic Calcium Scoring vs full chest CTCS for lung cancer screening: a cost-effectiveness analysis. BMC Pulmonary Medicine, 2020, 20, 187.	2.0	5
49	Hypoxic Vasoconstriction Depicted Using Iodine Density Maps Derived from Dual-Energy Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2020, 201, e22-e23.	5.6	2
50	Chemotherapy-associated nonbacterial thrombotic endocarditis: A radiological mimicker of cardiac amyloidosis requiring histopathologic examination for definitive diagnosis. Cardiovascular Pathology, 2020, 47, 107210.	1.6	3
51	CT derived radiomic score for predicting the added benefit of adjuvant chemotherapy following surgery in stage I, II resectable non-small cell lung cancer: a retrospective multicohort study for outcome prediction. The Lancet Digital Health, 2020, 2, e116-e128.	12.3	85
52	Suspicious Right Heart Mass. JACC: Case Reports, 2020, 2, 51-54.	0.6	6
53	Metal artifacts from sternal wires: evaluation of virtual monoenergetic images from spectral-detector CT for artifact reduction. Clinical Imaging, 2020, 60, 249-256.	1.5	5
54	Iodine accumulation of the liver in patients treated with amiodarone can be unmasked using material decomposition from multiphase spectral-detector CT. Scientific Reports, 2020, 10, 6994.	3.3	2

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55	Utility of Iodine Density Perfusion Maps From Dual-Energy Spectral Detector CT in Evaluating Cardiothoracic Conditions: A Primer for the Radiologist. American Journal of Roentgenology, 2020, 214, 775-785.	2.2	10
56	COVID-19 or non-COVID viral pneumonia: How to differentiate based on the radiologic findings?. World Journal of Radiology, 2020, 12, 289-301.	1.1	8
57	Pulmonary Embolism Versus Mimics on Dual-energy Spectral Computed Tomography: An Algorithmic Approach. Journal of Computer Assisted Tomography, 2020, 44, 833-840.	0.9	1
58	Primary Mediastinal Large B-Cell Lymphoma: A Review for Radiologists. American Journal of Roentgenology, 2019, 213, W194-W210.	2.2	9
59	Sarcoid-like Phenomenon - ustekinumab induced granulomatous reaction mimicking diffuse metastatic disease: a case report and review of the literature. Journal of Medical Case Reports, 2019, 13, 257.	0.8	13
60	A Radiologist's Guide to the Changing Treatment Paradigm of Advanced Non-Small Cell Lung Cancer: The ASCO 2018 Molecular Testing Guidelines and Targeted Therapies. American Journal of Roentgenology, 2019, 213, 1047-1058.	2.2	6
61	An Examination of Attributions, Performance Rating and Reward Allocation Patterns: A Comparative Study of China, India, Tanzania and the United States. South Asian Journal of Human Resources Management, 2019, 6, 202-221.	1.3	2
62	Immune Checkpoint Inhibitor Therapy-related Pneumonitis: Patterns and Management. Radiographics, 2019, 39, 1923-1937.	3.3	109
63	Utility of virtual monoenergetic images from spectral detector computed tomography in improving image segmentation for purposes of 3D printing and modeling. 3D Printing in Medicine, 2019, 5, 1.	3.1	20
64	Sustainable Primary Aluminium Production: Technology Status and Future Opportunities. Transactions of the Indian Institute of Metals, 2019, 72, 2135-2150.	1.5	35
65	Primary cardiac epithelioid angiosarcoma with frond-like features: a rare and ominous radiological mimicker of benign cardiac tumors. Cardiovascular Pathology, 2019, 41, 18-20.	1.6	2
66	Sex-specific enlarged vestibular aqueduct morphology and audiometry. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2019, 40, 473-477.	1.3	11
67	Novel electric field effects on Landau levels in multi-Weyl semimetals. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2339-2345.	2.1	2
68	Disorder in Pixel-Level Edge Directions on T1WI Is Associated with the Degree of Radiation Necrosis in Primary and Metastatic Brain Tumors: Preliminary Findings. American Journal of Neuroradiology, 2019, 40, 412-417.	2.4	10
69	Metal Artifact Reduction in Routine Chest and Abdominal Examinations Using Virtual Monoenergetic Images From Spectral Detector Computed Tomography. Journal of Computer Assisted Tomography, 2019, 43, 713-717.	0.9	3
70	Diabetes and respiratory system including tuberculosis - challenges. Indian Journal of Tuberculosis, 2019, 66, 533-538.	0.7	6
71	Stratification of Pulmonary Nodules Using Quantitative Iodine Maps from Dual-Energy Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2019, 199, e3-e4.	5.6	5
72	Hearing loss in unilateral and bilateral enlarged vestibular aqueduct syndrome. International Journal of Pediatric Otorhinolaryngology, 2019, 118, 147-151.	1.0	17

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73	“The Perio-Diabetes Symposium” Consensus Report of the Indian Society of Periodontology and Research Society for the Study of Diabetes in India - A joint event on Periodontitis and Diabetes. Journal of Indian Society of Periodontology, 2019, 23, 593.	0.7	5
74	Dancing sternal wires: A radiologic sign of sternal dehiscence. Cleveland Clinic Journal of Medicine, 2019, 86, 87-88.	1.3	1
75	Cross-sectional imaging utilization for EGFR, EML/ALK, and KRAS mutant non-small cell lung cancer.. Journal of Clinical Oncology, 2019, 37, e20663-e20663.	1.6	0
76	Multidisciplinary approach to immune related adverse events as a potential biomarker: Single institution experience in non-small cell lung cancer.. Journal of Clinical Oncology, 2019, 37, e14124-e14124.	1.6	0
77	Intra and perinodular CT delta radiomic features associated with early response to predict overall survival (OS) in immunotherapy-treated non-small cell lung cancer (NSCLC): A multisite multi-agent study.. Journal of Clinical Oncology, 2019, 37, 2588-2588.	1.6	0
78	Radiogenomic analysis of hypoxia pathway is predictive of overall survival in Glioblastoma. Scientific Reports, 2018, 8, 7.	3.3	113
79	Enhanced coronary calcium visualization and detection from dual energy chest x-rays with sliding organ registration. Computerized Medical Imaging and Graphics, 2018, 64, 12-21.	5.8	7
80	Effect of Virtual Monoenergetic Images From Spectral Detector Computed Tomography on Coronary Calcium Blooming. Journal of Computer Assisted Tomography, 2018, 42, 912-918.	0.9	25
81	Morphology and cochlear implantation in enlarged vestibular aqueduct. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2018, 39, 657-663.	1.3	13
82	Spectral Detector Computed Tomography Pulmonary Angiography: Improved Diagnostic Assessment and Automated Estimation of Window Settings Angiography of Pulmonary Arteries From Novel Spectral Detector Computed Tomography Provides Improved Image Quality if Settings are Adjusted. Journal of Computer Assisted Tomography, 2018, 42, 850-857.	0.9	15
83	Evaluation of lung transplant perfusion using iodine maps from novel spectral detector computed tomography. Indian Journal of Radiology and Imaging, 2018, 28, 436-438.	0.8	3
84	Visceral Adiposity Predicts Severity of Acute Pancreatitis. Pancreas, 2017, 46, 776-781.	1.1	39
85	Vestibular Aqueduct Midpoint Width and Hearing Loss in Patients With an Enlarged Vestibular Aqueduct. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 601.	2.2	20
86	Hearing loss in enlarged vestibular aqueduct and incomplete partition type II. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2017, 38, 692-697.	1.3	17
87	Synchronized navigation of current and prior studies using image registration improves radiologist’s efficiency. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 431-438.	2.8	4
88	Comparison of ISS, NISS, and RTS score as predictor of mortality in pediatric fall. Burns and Trauma, 2017, 5, 25.	4.9	12
89	NIMG-69. DISTINGUISHING RADIATION NECROSIS FROM BRAIN TUMOR RECURRENCE ON ROUTINE MRI: A PRELIMINARY HUMAN-MACHINE READER COMPARISON STUDY. Neuro-Oncology, 2016, 18, vi139-vi140.	1.2	0
90	Bilateral Sequential Cochlear Implantation in Patients With Enlarged Vestibular Aqueduct (EVA) Syndrome. Otology and Neurotology, 2016, 37, e96-e103.	1.3	22

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91	PET/MR Imaging in Cancers of the Gastrointestinal Tract. <i>PET Clinics</i> , 2016, 11, 403-423.	3.0	18
92	Computer-Extracted Texture Features to Distinguish Cerebral Radionecrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 2231-2236.	2.4	95
93	Rectal carcinoid tumor metastasis to a skull base meningioma. <i>Neuroradiology Journal</i> , 2016, 29, 49-51.	1.2	8
94	To Bribe or Not to Bribe? Determinants in the Indian Context. <i>European Management Review</i> , 2015, 12, 247-259.	3.7	5
95	Novel topological phase due to coexistence of superconductivity and spin-density wave: Application to high T <sub>c</sub> superconductors. <i>Solid State Communications</i> , 2015, 203, 41-45.	1.9	5
96	Images in Medicine: Giant Cell Tumour of the Talus in a 7-Year-old Boy. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014, 8, RJ03.	0.8	0
97	Non Traumatic Spinal Epidural Haematoma in a Woman with HELLP Syndrome: A Case Report. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014, 8, RD06-7.	0.8	3
98	Individualism–collectivism and tenure intent among knowledge workers in India and Bulgaria: Moderating effects of equity perceptions and task interdependence. <i>Journal of High Technology Management Research</i> , 2014, 25, 201-209.	4.9	11
99	Emic and Etic: Different Lenses for Research in Culture. <i>Management and Labour Studies</i> , 2012, 37, 45-60.	1.6	5
100	Effect of service climate on service quality: an integrative model. <i>International Journal of Services, Technology and Management</i> , 2007, 8, 174.	0.1	2
101	Individualism–collectivism orientation and employee attitudes: A comparison of employees from the high-technology sector in India and Ireland. <i>Journal of International Management</i> , 2007, 13, 187-203.	4.2	70
102	Cultural Metaphors as Frames of Reference for Nations: A Six-Country Study. <i>International Studies of Management and Organization</i> , 2005, 35, 37-47.	0.6	14
103	Individualism/collectivism and attitudes towards human resource systems: a comparative study of American, Irish and Indian MBA students. <i>International Journal of Human Resource Management</i> , 2005, 16, 852-869.	5.3	51
104	Imaging of the Left Atrial Appendage Before Occluder Device Placement: Evaluation of Virtual Monoenergetic Images in a Single-Bolus Dual-Phase Protocol. <i>Journal of Computer Assisted Tomography</i> , 0, Publish Ahead of Print, .	0.9	1