

# Michael H Rosenthal

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

724  
citations

686830

13  
h-index

580395

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered exocrine function can drive adipose wasting in early pancreatic cancer. <i>Nature</i> , 2018, 558, 600-604.	13.7	114
2	Population-Scale CT-based Body Composition Analysis of a Large Outpatient Population Using Deep Learning to Derive Age-, Sex-, and Race-specific Reference Curves. <i>Radiology</i> , 2021, 298, 319-329.	3.6	80
3	Artificial Intelligence and Early Detection of Pancreatic Cancer. <i>Pancreas</i> , 2021, 50, 251-279.	0.5	71
4	Intrinsic Resistance to Immune Checkpoint Blockade in a Mismatch Repair-Deficient Colorectal Cancer. <i>Cancer Immunology Research</i> , 2019, 7, 1230-1236.	1.6	59
5	Anorectal Cancer: Critical Anatomic and Staging Distinctions That Affect Use of Radiation Therapy. <i>Radiographics</i> , 2015, 35, 2090-2107.	1.4	42
6	Esophageal Carcinoma: Current Concepts in the Role of Imaging in Staging and Management. <i>Canadian Association of Radiologists Journal</i> , 2015, 66, 130-139.	1.1	41
7	Preparing Radiologists to Lead in the Era of Artificial Intelligence: Designing and Implementing a Focused Data Science Pathway for Senior Radiology Residents. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200057.	3.0	31
8	Spatial signatures identify immune escape via PD-1 as a defining feature of T-cell/histiocyte-rich large B-cell lymphoma. <i>Blood</i> , 2021, 137, 1353-1364.	0.6	31
9	Fully-Automated Analysis of Body Composition from CT in Cancer Patients Using Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018, , 204-213.	1.0	28
10	Postdiagnosis Loss of Skeletal Muscle, but Not Adipose Tissue, Is Associated with Shorter Survival of Patients with Advanced Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 2062-2069.	1.1	26
11	Accuracy and feasibility of estimated tumour volumetry in primary gastric gastrointestinal stromal tumours: validation using semiautomated technique in 127 patients. <i>European Radiology</i> , 2016, 26, 286-295.	2.3	24
12	Rectal cancer lexicon: consensus statement from the society of abdominal radiology rectal & anal cancer disease-focused panel. <i>Abdominal Radiology</i> , 2019, 44, 3508-3517.	1.0	22
13	5-Fluorouracil induced liver toxicity in patients with colorectal cancer: role of computed tomography texture analysis as a potential biomarker. <i>Abdominal Radiology</i> , 2019, 44, 3099-3106.	1.0	14
14	Teratoma with malignant transformation: report of three cases and review of the literature. <i>Clinical Imaging</i> , 2014, 38, 589-593.	0.8	13
15	An Aggressive Presentation of Colorectal Cancer With an Atypical Lymphoproliferative Pattern of Metastatic Disease: A Case Report and Review of the Literature. <i>Clinical Colorectal Cancer</i> , 2014, 13, e5-e11.	1.0	12
16	Radiation Therapy for Soft-Tissue Sarcomas: A Primer for Radiologists. <i>Radiographics</i> , 2016, 36, 554-572.	1.4	12
17	Malignant Tenosynovial Giant Cell Tumor of the Leg: A Radiologic-Pathologic Correlation and Review of the Literature. <i>Journal of Clinical Imaging Science</i> , 2015, 5, 13.	0.4	11
18	Relationship Between the Pathologic Subtype/Initial Stage and Microliths in Testicular Germ Cell Tumors. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1977-1982.	0.8	10

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19	Imaging-Based Subtypes of Pancreatic Ductal Adenocarcinoma Exhibit Differential Growth and Metabolic Patterns in the Pre-Diagnostic Period: Implications for Early Detection. <i>Frontiers in Oncology</i> , 2020, 10, 596931.	1.3	10
20	Associations of Skeletal Muscle With Symptom Burden and Clinical Outcomes in Hospitalized Patients With Advanced Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021, 19, 319-327.	2.3	10
21	When, What, and Why of Perioperative Treatment of Potentially Curable Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 485-489.	0.8	9
22	The Trials and Tribulations of Assembling Large Medical Imaging Datasets for Machine Learning Applications. <i>Journal of Digital Imaging</i> , 2021, 34, 1424-1429.	1.6	9
23	Imaging of Fluid in Cancer Patients Treated With Systemic Therapy: Chemotherapy, Molecular Targeted Therapy, and Hematopoietic Stem Cell Transplantation. <i>American Journal of Roentgenology</i> , 2015, 205, 709-719.	1.0	8
24	Effect of High-Dose vs Standard-Dose Vitamin D3 Supplementation on Body Composition among Patients with Advanced or Metastatic Colorectal Cancer: A Randomized Trial. <i>Cancers</i> , 2020, 12, 3451.	1.7	6
25	A Conference-Friendly, Hands-on Introduction to Deep Learning for Radiology Trainees. <i>Journal of Digital Imaging</i> , 2021, 34, 1026-1033.	1.6	5
26	Computed tomography-based body composition profile as a screening tool for geriatric frailty detection. <i>Skeletal Radiology</i> , 2022, 51, 1371-1380.	1.2	5
27	Surveillance Imaging in Individuals at High Risk for Pancreatic Cancer: Not a Ceiling, but Rather a Floor Upon Which to Build. <i>Gastroenterology</i> , 2022, 162, 700-702.	0.6	5
28	Imaging and Endoscopic Approaches to Pancreatic Cancer. <i>Hematology/Oncology Clinics of North America</i> , 2015, 29, 675-699.	0.9	4
29	Evaluating frailty, mortality, and complications associated with metastatic spine tumor surgery using machine learning-derived body composition analysis. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 263-273.	0.9	4
30	The management of retroperitoneal lymphadenopathy in spermatocytic seminoma of the testicle. <i>Clinical Imaging</i> , 2014, 38, 202-204.	0.8	3
31	Implications of the replaced right hepatic artery originating from the gastroduodenal artery in the setting of a pancreatic head mass. <i>Clinical Imaging</i> , 2018, 52, 189-192.	0.8	2
32	Infundibulum of the common origin of fourth lumbar arteries and median sacral artery. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 528-529.	0.9	1
33	Abstract 761: Body composition and overall survival in esophageal cancer patients. <i>Cancer Research</i> , 2021, 81, 761-761.	0.4	1
34	G-CSF-induced carotid inflammation. <i>Lancet Oncology</i> , The, 2022, 23, e235.	5.1	1
35	Computed tomographic assessment of lean body mass in patients on selective androgen receptor modulator. <i>Clinical Imaging</i> , 2020, 59, 100-103.	0.8	0
36	Abstract 5934: Weight loss and subsequent cancer diagnosis: A prospective cohort study. <i>Cancer Research</i> , 2022, 82, 5934-5934.	0.4	0