

# Sibo Tian

## List of Publications by Year in descending order

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91  
papers

1,459  
citations

361413

20  
h-index

345221

36  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Metastasectomy and Aggressive Local Therapy in Newly Diagnosed Metastatic Soft Tissue Sarcoma: An Analysis of the NCDB. <i>Annals of Surgical Oncology</i> , 2022, 29, 649-659.	1.5	5
2	Bone Marrow Suppression during Postoperative Radiation for Bladder Cancer and Comparative Benefit of Proton Therapy—Phase 2 Trial Secondary Analysis. <i>International Journal of Particle Therapy</i> , 2022, 8, 1-10.	1.8	4
3	Dosimetric Uncertainties in Dominant Intraprostatic Lesion Simultaneous Boost Using Intensity Modulated Proton Therapy. <i>Advances in Radiation Oncology</i> , 2022, 7, 100826.	1.2	5
4	Association of Operability With Post-Treatment Mortality in Early-Stage Non-Small Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2022, , .	2.6	0
5	Artificial intelligence in imaging of coronary artery disease: current applications and future perspective. <i>Chinese Journal of Academic Radiology</i> , 2022, 5, 10-19.	0.6	0
6	Neurovascular bundles segmentation on MRI via hierarchical object activation network. , 2022, , .		0
7	Mutual enhancing learning-based automatic segmentation of CT cardiac substructure. <i>Physics in Medicine and Biology</i> , 2022, 67, 105008.	3.0	9
8	MRI classification using semantic random forest with auto-context model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4753-4766.	2.0	1
9	Thyroid gland delineation in noncontrast-enhanced CTs using deep convolutional neural networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 055007.	3.0	3
10	Daily cone-beam CT multi-organ segmentation for prostate adaptive radiotherapy. , 2021, , .		2
11	Multi-organ segmentation of male pelvic CT using dual attention networks. , 2021, , .		1
12	Lung tumor segmentation of PET/CT using dual pyramid mask R-CNN. , 2021, , .		1
13	Male pelvic CT multi-organ segmentation using synthetic MRI-aided dual pyramid networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 085007.	3.0	9
14	Automatic delineation of cardiac substructures using a region-based fully convolutional network. <i>Medical Physics</i> , 2021, 48, 2867-2876.	3.0	20
15	Multidisciplinary Management of Brain Metastases from Non-Small Cell Lung Cancer in the Era of Immunotherapy. <i>Current Treatment Options in Oncology</i> , 2021, 22, 77.	3.0	6
16	ASO Visual Abstract: Impact of Metastasectomy and Aggressive Local Therapy in Newly Diagnosed Metastatic Soft Tissue Sarcoma: An Analysis of the NCDB. <i>Annals of Surgical Oncology</i> , 2021, 28, 579-580.	1.5	0
17	Implementation of a Knowledge-Based Treatment Planning Model for Cardiac-Sparing Lung Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100745.	1.2	4
18	Whole-lung low-dose radiation therapy (LD-RT) for non-intubated oxygen-dependent patients with COVID-19-related pneumonia receiving dexamethasone and/or remdesivir. <i>Radiotherapy and Oncology</i> , 2021, 165, 20-31.	0.6	13

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19	Dosimetric Comparison of Single-Isocenter and Multiple-Isocenter Techniques for Two-Lesion Lung SBRT Using the RefleXion High-Speed Ring-Gantry System. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e139-e140.	0.8	0
20	Rapid Comparative Planning to Predict Oropharyngeal Toxicity Reduction for Proton Therapy vs. VMAT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e396-e397.	0.8	1
21	Reduced Intubation Rates Following Whole-Lung Low-Dose Radiation Therapy (LD-RT) in Patients With COVID-19-Related Pneumonia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e41-e42.	0.8	1
22	The omission of intentional primary site radiation following transoral robotic surgery in 59 patients: No local/regional failures. <i>Head and Neck</i> , 2021, 44, 382.	2.0	6
23	Strain elastography as an early predictor of long-term prognosis in patients with locally advanced cervical cancers treated with concurrent chemoradiotherapy. <i>European Radiology</i> , 2020, 30, 471-481.	4.5	6
24	Survival outcomes in patients with gastric and gastroesophageal junction adenocarcinomas treated with perioperative chemotherapy with or without preoperative radiotherapy. <i>Cancer</i> , 2020, 126, 37-45.	4.1	11
25	Reduced volume tumor bed boost is not associated with inferior local control and survival outcomes in high-risk medulloblastoma. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28027.	1.5	3
26	A planning study of focal dose escalations to multiparametric MRI-defined dominant intraprostatic lesions in prostate proton radiation therapy. <i>British Journal of Radiology</i> , 2020, 93, 20190845.	2.2	15
27	Male pelvic multi-organ segmentation aided by CBCT-based synthetic MRI. <i>Physics in Medicine and Biology</i> , 2020, 65, 035013.	3.0	58
28	Survival advantage of chemoradiotherapy in anaplastic thyroid carcinoma: Propensity score matched analysis with multiple subgroups. <i>Head and Neck</i> , 2020, 42, 678-687.	2.0	8
29	CT prostate segmentation based on synthetic MRI-aided deep attention fully convolution network. <i>Medical Physics</i> , 2020, 47, 530-540.	3.0	66
30	Statistical and Texture Descriptors of Symptomatic Plantar Fasciitis Using Ultrasound Shear Wave Elastography. <i>IEEE Access</i> , 2020, 8, 120146-120159.	4.2	1
31	Increased 18F-FDG Metabolic Activity during Lung SBRT Predicts Risk of Disease Progression: Results from a Prospective Study of Serial Inter-Fraction PET/CTs. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, S59-S60.	0.8	1
32	Moderately Hypofractionated Radiation for Benign Meningiomas and Schwannomas: A Report of 70 Patients Treated Between 2008 and 2018. <i>Advances in Radiation Oncology</i> , 2020, 5, 1147-1151.	1.2	1
33	Online Prediction of Dosimetric Changes in Dominant Intraprostatic Lesion Simultaneous Boost Using Intensity Modulated Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, S170-S171.	0.8	0
34	Lung Stereotactic Body Radiation Therapy and Concurrent Immunotherapy: A Multicenter Safety and Toxicity Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 304-313.	0.8	42
35	Examining the use of preoperative radiation therapy in addition to perioperative chemotherapy: National Cancer Data Base vs. Surveillance, Epidemiology, and End Results. <i>Cancer</i> , 2020, 126, 2037-2038.	4.1	0
36	Optimal timing of chemoradiotherapy after surgical resection of glioblastoma: Stratification by validated prognostic classification. <i>Cancer</i> , 2020, 126, 3255-3264.	4.1	19

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37	Genomic copy number variation correlates with survival outcomes in WHO grade IV glioma. Scientific Reports, 2020, 10, 7355.	3.3	6
38	Pelvic multi-organ segmentation on cone-beam CT for prostate adaptive radiotherapy. Medical Physics, 2020, 47, 3415-3422.	3.0	37
39	Multi-organ segmentation in pelvic CT images with CT-based synthetic MRI. , 2020, , .		2
40	CT-based pancreatic multi-organ segmentation by a 3D deep attention U-net network. , 2020, , .		0
41	Synthetic MRI-aided pelvic multi-organ segmentation in cone-beam computed tomography. , 2020, , .		0
42	Prospective International Pilot Study Evaluating the Efficacy of a Self-Guided Contouring Teaching Module With Integrated Feedback for Transitioning From 2D to 3D Treatment Planning. Journal of Global Oncology, 2019, 5, 1-16.	0.5	3
43	MRI-based treatment planning for liver stereotactic body radiotherapy: validation of a deep learning-based synthetic CT generation method. British Journal of Radiology, 2019, 92, 20190067.	2.2	52
44	Synthetic MRI-aided multi-organ segmentation on male pelvic CT using cycle consistent deep attention network. Radiotherapy and Oncology, 2019, 141, 192-199.	0.6	97
45	Evaluation of a deep learning-based pelvic synthetic CT generation technique for MRI-based prostate proton treatment planning. Physics in Medicine and Biology, 2019, 64, 205022.	3.0	45
46	PO-0776 Neutrophil-to-lymphocyte ratio dynamics predict for survival in lung cancer treated with SBRT. Radiotherapy and Oncology, 2019, 133, S400-S401.	0.6	0
47	A Prospective International Pilot Study Evaluating the Efficacy of a Self-Guided Contouring Teaching Module with Integrated Feedback for Transitioning from 2D to 3D Treatment Planning. International Journal of Radiation Oncology Biology Physics, 2019, 103, E6.	0.8	1
48	Radiomic Analysis of Radiation Induced Fibrosis Following Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, E505-E506.	0.8	1
49	Survival Outcomes With Thoracic Radiotherapy in Extensive-Stage Small-Cell Lung Cancer: A Propensity Score-Matched Analysis of the National Cancer Database. Clinical Lung Cancer, 2019, 20, 484-493.e6.	2.6	16
50	Learning-based automatic segmentation of arteriovenous malformations on contrast CT images in brain stereotactic radiosurgery. Medical Physics, 2019, 46, 3133-3141.	3.0	39
51	Ultrasound prostate segmentation based on multidirectional deeply supervised V-Net. Medical Physics, 2019, 46, 3194-3206.	3.0	96
52	Survival outcomes by high-risk human papillomavirus status in nonoropharyngeal head and neck squamous cell carcinomas: A propensity-scored analysis of the National Cancer Data Base. Cancer, 2019, 125, 2782-2793.	4.1	40
53	Dosimetric study on learning-based cone-beam CT correction in adaptive radiation therapy. Medical Dosimetry, 2019, 44, e71-e79.	0.9	20
54	Prognostic value of radiographically defined extranodal extension in human papillomavirus-associated locally advanced oropharyngeal carcinoma. Head and Neck, 2019, 41, 3056-3063.	2.0	14

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55	Dose evaluation of MRI-based synthetic CT generated using a machine learning method for prostate cancer radiotherapy. <i>Medical Dosimetry</i> , 2019, 44, e64-e70.	0.9	30
56	MRI-based synthetic CT generation using semantic random forest with iterative refinement. <i>Physics in Medicine and Biology</i> , 2019, 64, 085001.	3.0	31
57	Deeply supervised 3D fully convolutional networks with group dilated convolution for automatic MRI prostate segmentation. <i>Medical Physics</i> , 2019, 46, 1707-1718.	3.0	151
58	Automated prostate segmentation of volumetric CT images using 3D deeply supervised dilated FCN. , 2019, , .		12
59	MRI-based synthetic CT generation using deep convolutional neural network. , 2019, , .		8
60	Automatic MRI prostate segmentation using 3D deeply supervised FCN with concatenated atrous convolution. , 2019, , .		7
61	Ultrasound prostate segmentation based on 3D V-Net with deep supervision. , 2019, , .		5
62	MRI-based pseudo CT generation using classification and regression random forest. , 2019, , .		0
63	Brain MRI classification based on machine learning framework with auto-context model. , 2019, , .		0
64	Automatic multi-organ segmentation in thorax CT images using U-Net-GAN. , 2019, , .		2
65	The timing of chemoradiotherapy after surgical resection and its impact on overall survival in glioblastoma.. <i>Journal of Clinical Oncology</i> , 2019, 37, 2051-2051.	1.6	2
66	Health care disparities among octogenarians and nonagenarians with stage III lung cancer. <i>Cancer</i> , 2018, 124, 775-784.	4.1	24
67	Musculoskeletal outcomes and the effect of radiation to the vertebral bodies on growth trajectories for long-term survivors of high-risk neuroblastoma. <i>Journal of Radiation Oncology</i> , 2018, 7, 187-193.	0.7	5
68	Reproducibility in contouring the neurovascular bundle for prostate cancer radiation therapy. <i>Practical Radiation Oncology</i> , 2018, 8, e125-e131.	2.1	10
69	Impact of intensity modulated radiation therapy on survival in anal cancer. <i>Journal of Gastrointestinal Oncology</i> , 2018, 9, 618-630.	1.4	12
70	Stereotactic body radiation therapy vs. surgery in early-stage non-small cell lung cancer: lessons learned, current recommendations, future directions. <i>Journal of Thoracic Disease</i> , 2018, 10, 1201-1204.	1.4	12
71	Predictors of pneumonitis-free survival following lung stereotactic body radiation therapy. <i>Translational Lung Cancer Research</i> , 2018, 8, 15-23.	2.8	5
72	Angiotensin-Converting Enzyme Inhibitors or Angiotensin Receptor Blocker use During Stereotactic Body Radiation Therapy Associated with Decreased Pneumonitis: A Multi-center Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e680-e681.	0.8	0

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73	Medulla Dose is Positively Associated with Sensation of Thirst & Midbrain Dose is Inversely Associated with Pain: Prospectively-Collected Patient-Reported Toxicities and Brainstem Dose in Head and Neck Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e198.	0.8	0
74	HIV-Positive Anal Cancer Patients Treated with Definitive Chemoradiation: Factors Impacting Clinical Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e16.	0.8	0
75	P2.03-07 Radiomic Signatures Linked to Genetic Alterations as Detected by Next-Generation Sequencing: A Radiogenomics Analysis of Early-Stage NSCLC. <i>Journal of Thoracic Oncology</i> , 2018, 13, S718-S719.	1.1	0
76	Pre- vs Post-Operative Radiation Therapy, and Time to Surgery: An Exploratory Analysis of Predictors of Survival in Soft Tissue Sarcoma Stratified by Histological Subtype. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e206.	0.8	0
77	Proton vs. Photon Radiation Therapy for Primary Gliomas: An Analysis of the National Cancer Data Base. <i>Frontiers in Oncology</i> , 2018, 8, 440.	2.8	34
78	Magnetic resonance imaging-based pseudo computed tomography using anatomic signature and joint dictionary learning. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	15
79	MRI-based pseudo CT synthesis using anatomical signature and alternating random forest with iterative refinement model. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	33
80	Automated delineation of organs-at-risk in head and neck CT images using multi-output support vector regression. , 2018, , .		16
81	Survival outcomes by HPV status in non-oro-pharyngeal head and neck cancers: A propensity score matched analysis of population level data.. <i>Journal of Clinical Oncology</i> , 2018, 36, 6005-6005.	1.6	2
82	Adherence to Childrenâ€™s Oncology Group (COG) long-term follow-up guidelines for echocardiogram screening in young adult survivors of childhood cancer.. <i>Journal of Clinical Oncology</i> , 2018, 36, e22513-e22513.	1.6	4
83	More effective systemic therapies are needed for chondrosarcoma: A National Cancer Data Base (NCDB) analysis.. <i>Journal of Clinical Oncology</i> , 2018, 36, e23508-e23508.	1.6	3
84	Survival outcomes in gastric and gastroesophageal junction adenocarcinoma treated with peri-operative chemotherapy with or without pre-operative radiotherapy.. <i>Journal of Clinical Oncology</i> , 2018, 36, 4026-4026.	1.6	0
85	Correlation of genomic copy number variation with survival outcomes in high-grade glioma patients.. <i>Journal of Clinical Oncology</i> , 2018, 36, e14091-e14091.	1.6	0
86	Concomitant Chemotherapy and Radiotherapy with SBRT Boost for Unresectable Stage III Nonâ€™Small Cell Lung Cancer: A Phase I Study. <i>Journal of Thoracic Oncology</i> , 2017, 12, 1687-1695.	1.1	47
87	Health care disparities among octogenarians and nonagenarians with stage III lung cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, e18075-e18075.	1.6	1
88	Clinical Management of Multiple Melanoma Brain Metastases. <i>JAMA Oncology</i> , 2015, 1, 668.	7.1	70
89	Serum Biomarkers for the Detection of Cardiac Toxicity after Chemotherapy and Radiation Therapy in Breast Cancer Patients. <i>Frontiers in Oncology</i> , 2014, 4, 277.	2.8	79
90	Regorafenib-induced transverse myelopathy after stereotactic body radiation therapy. <i>Journal of Gastrointestinal Oncology</i> , 2014, 5, E128-31.	1.4	8

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91	Phylogeny Disambiguates the Evolution of Heat-Shock cis-Regulatory Elements in Drosophila. PLoS ONE, 2010, 5, e10669.	2.5	39