

# Roger Sun

## List of Publications by Year in descending order

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53  
papers

2,211  
citations

566801  
15  
h-index

344852  
36  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3952  
citing authors

#	ARTICLE	IF	CITATIONS
1	A radiomics approach to assess tumour-infiltrating CD8 cells and response to anti-PD-1 or anti-PD-L1 immunotherapy: an imaging biomarker, retrospective multicohort study. <i>Lancet Oncology</i> , The, 2018, 19, 1180-1191.	5.1	811
2	Promises and challenges for the implementation of computational medical imaging (radiomics) in oncology. <i>Annals of Oncology</i> , 2017, 28, 1191-1206.	0.6	520
3	Standardization of brain MR images across machines and protocols: bridging the gap for MRI-based radiomics. <i>Scientific Reports</i> , 2020, 10, 12340.	1.6	138
4	Determinants of the outcomes of patients with cancer infected with SARS-CoV-2: results from the Gustave Roussy cohort. <i>Nature Cancer</i> , 2020, 1, 965-975.	5.7	98
5	Radiomics in Nuclear Medicine Applied to Radiation Therapy: Methods, Pitfalls, and Challenges. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1117-1142.	0.4	86
6	The complexity of tumor shape, spiculatedness, correlates with tumor radiomic shape features. <i>Scientific Reports</i> , 2019, 9, 4329.	1.6	80
7	Radiomics to predict outcomes and abscopal response of patients with cancer treated with immunotherapy combined with radiotherapy using a validated signature of CD8 cells. , 2020, 8, e001429.		46
8	Prospective development and validation of a liquid immune profile-based signature (LIPS) to predict response of patients with recurrent/metastatic cancer to immune checkpoint inhibitors. , 2021, 9, e001845.		36
9	U-ReSNet: Ultimate Coupling of Registration and Segmentation with Deep Nets. <i>Lecture Notes in Computer Science</i> , 2019, , 310-319.	1.0	33
10	Deep Learning-Based Concurrent Brain Registration and Tumor Segmentation. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 17.	1.2	31
11	Baseline lymphopenia should not be used as exclusion criteria in early clinical trials investigating immune checkpoint blockers (PD-1/PD-L1 inhibitors). <i>European Journal of Cancer</i> , 2017, 84, 202-211.	1.3	29
12	Does smoking alter the mutation profile of human papillomavirus-driven head and neck cancers?. <i>European Journal of Cancer</i> , 2018, 94, 61-69.	1.3	29
13	A score combining baseline neutrophilia and primary tumor SUVpeak measured from FDG PET is associated with outcome in locally advanced cervical cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 187-195.	3.3	25
14	Abstract CT403: Outcome of cancer patients infected with COVID-19, including toxicity of cancer treatments. <i>Cancer Research</i> , 2020, 80, CT403-CT403.	0.4	25
15	Locally advanced cervical cancer with bladder invasion: clinical outcomes and predictive factors for vesicovaginal fistulae. <i>Oncotarget</i> , 2018, 9, 9299-9310.	0.8	21
16	Dosimetry-Driven Quality Measure of Brain Pseudo Computed Tomography Generated From Deep Learning for MRI-Only Radiation Therapy Treatment Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 813-823.	0.4	18
17	In Regard to Mattonen et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1544-1545.	0.4	17
18	Increased bone marrow SUVmax on 18F-FDG PET is associated with higher pelvic treatment failure in patients with cervical cancer treated by chemoradiotherapy and brachytherapy. <i>Oncotarget</i> , 2019, 8, e1574197.	2.1	16

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19	First French experiences of total body irradiations using helical TomoTherapy Â®. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2017, 21, 365-372.	0.6	15
20	Role of image-guided biopsy and radiomics in the age of precision medicine. Chinese Clinical Oncology, 2019, 8, 57-57.	0.4	15
21	Analysis of Systemic Inflammatory Factors and Survival Outcomes in Endometrial Cancer Patients Staged I-III FIGO and Treated with Postoperative External Radiotherapy. Journal of Clinical Medicine, 2020, 9, 1441.	1.0	14
22	Dose escalation phase 1 study of radiotherapy in combination with anti-cytotoxic-T-lymphocyte-associated antigen 4 monoclonal antibody ipilimumab in patients with metastatic melanoma. , 2020, 8, e000627.		13
23	Image-Guided Brachytherapy for Salvage Reirradiation: A Systematic Review. Cancers, 2021, 13, 1226.	1.7	13
24	CTV to PTV in cervical cancer: From static margins to adaptive radiotherapy. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2016, 20, 622-628.	0.6	11
25	Systematic Screening of COVID-19 Disease Based on Chest CT and RT-PCR for Cancer Patients Undergoing Radiation Therapy in a Coronavirus French Hotspot. International Journal of Radiation Oncology Biology Physics, 2021, 110, 947-956.	0.4	9
26	Anti-PD-1 Vasculitis of the central nervous system or radionecrosis?. , 2017, 5, 96.		6
27	Preliminary report on harmonization of features extraction process using the ComBat tool in the multi-center â€œBlue Sky Radiomicsâ€ study on stage III unresectable NSCLC. Insights Into Imaging, 2022, 13, 38.	1.6	6
28	Radiotherapy for papillary tumor of the pineal region: A systematic review of the literature. Clinical Neurology and Neurosurgery, 2020, 190, 105646.	0.6	5
29	Analysis of rare periparotid recurrence after parotid gland-sparing intensity-modulated radiotherapy for nasopharyngeal carcinoma. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2016, 20, 377-383.	0.6	3
30	PV-0528: An innovative MRI harmonization method allowing large scale radiomics analysis in glioblastoma. Radiotherapy and Oncology, 2018, 127, S280-S281.	0.3	2
31	Enhanced performance of prognostic estimation from TCGA RNAseq data using transfer learning. Annals of Oncology, 2019, 30, v52.	0.6	2
32	1675MO Screening of COVID-19 disease based on chest CT and PCR for cancer patients undergoing radiotherapy in a French coronavirus hotspot. Annals of Oncology, 2020, 31, S994.	0.6	2
33	Pulsed Dose Rate Brachytherapy of Lip Carcinoma: Clinical Outcome and Quality of Life Analysis. Cancers, 2021, 13, 1387.	1.7	2
34	Radiomics to predict response to immunotherapy: an imminent reality?. Future Oncology, 2020, 16, 1673-1676.	1.1	2
35	A Score Combining SUV peak of the Primary Tumor Computed on Pretreatment FDG-PET Scans and Neutrophilia Predicts Outcome in Locally Advanced Cervical Cancer. International Journal of Radiation Oncology Biology Physics, 2017, 99, E310-E311.	0.4	1
36	OC-0366: Cervical cancer with bladder invasion: outcomes and vesicovaginal fistula prognostic factors. Radiotherapy and Oncology, 2017, 123, S196-S197.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Imagerie médicale computationnelle (radiomique) : principes et potentiel en onco-pneumologie. Revue Des Maladies Respiratoires Actualites, 2020, 12, 2S307-2S313.	0.0	1
38	Prophylactic Scrotal And Contralateral Testicular Radiation Therapy Prevents Local Relapses in Primary Testicular Lymphomas. International Journal of Radiation Oncology Biology Physics, 2016, 96, E501.	0.4	0
39	OC-0319: Cervix cancer: dose-volume effects in pathologic lymph nodes. Radiotherapy and Oncology, 2017, 123, S166.	0.3	0
40	PO-0938: Should we use point A dose for image-guided adaptive brachytherapy reporting in cervix cancer?. Radiotherapy and Oncology, 2017, 123, S519.	0.3	0
41	PV-0044: Is involved-node radiotherapy for Hodgkin lymphoma safe in routine?. Radiotherapy and Oncology, 2017, 123, S19.	0.3	0
42	A novel radiomic based imaging tool to monitor tumor lymphocyte infiltration and outcome of patients treated by anti-PD-1/PD-L1. Annals of Oncology, 2017, 28, v574.	0.6	0
43	Precision medicine for patients with advanced biliary tract cancers: Updated results from the prospective MOSCATO trial. Annals of Oncology, 2017, 28, v247.	0.6	0
44	28 An MRI radiomic signature for predicting brachytherapy outcomes in locally advanced cervical cancer. Physica Medica, 2018, 56, 17.	0.4	0
45	EP-1993: Evaluation of the pertinence of CT-based radiomics shape features with 3D printed phantoms. Radiotherapy and Oncology, 2018, 127, S1084-S1085.	0.3	0
46	Ancillary evaluation of systemic immune antitumour response (SIAR) and tumour growth rate (TGR) of patients (pts) with metastatic melanoma (MM) treated with radiotherapy (RT) combined with ipilimumab (ipi) in the phase I study Mel-Ipi-Rx. Annals of Oncology, 2019, 30, v558-v559.	0.6	0
47	1050P Does immunotherapy impact the outcomes of future anti-tumour therapies?. Annals of Oncology, 2020, 31, S718-S719.	0.6	0
48	Abstract A051: Prediction of clinical outcomes of cancer patients treated with anti-PD-1/PD-L1 using a radiomics-based imaging score of immune infiltrate. , 2018, , .		0
49	Medical image computing to assess tumor infiltrating CD8 T cells, tumor immune phenotype and response to anti-PD-1/PD-L1 immunotherapy in prospective phase 1 trials.. Journal of Clinical Oncology, 2018, 36, 3016-3016.	0.8	0
50	Assessment of clinical, radiological and radiomic predictive factors of bevacizumab efficacy in brain metastases radionecrosis treatment.. Journal of Clinical Oncology, 2018, 36, e14003-e14003.	0.8	0
51	Assessment of efficacy and safety of bevacizumab in the treatment of brain metastases radionecrosis: A retrospective cohort analysis.. Journal of Clinical Oncology, 2018, 36, e14014-e14014.	0.8	0
52	COMBING: Clustering in Oncology for Mathematical and Biological Identification of Novel Gene Signatures. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1.	1.9	0
53	Brachytherapy for the Conservative Treatment of Female Peri-Urethral Carcinoma. Cancers, 2022, 14, 845.	1.7	0