Jean Emmanuel Bibault

List of Publications by Year
in descending order

83	2,132	257101 24	253896 43
papers	citations	h-index	g-index

119	119	119	3325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Big Data and machine learning in radiation oncology: State of the art and future prospects. Cancer Letters, 2016, 382, 110-117.	3.2	240
2	Deep Learning and Radiomics predict complete response after neo-adjuvant chemoradiation for locally advanced rectal cancer. Scientific Reports, 2018, 8, 12611.	1.6	142
3	When Chatbots Meet Patients: One-Year Prospective Study of Conversations Between Patients With Breast Cancer and a Chatbot. JMIR Cancer, 2019, 5, e12856.	0.9	127
4	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: Prognostic Factors of Local Control, Overall Survival, and Toxicity. PLoS ONE, 2013, 8, e77472.	1.1	104
5	Deep Learning: A Review for the Radiation Oncologist. Frontiers in Oncology, 2019, 9, 977.	1.3	99
6	A Chatbot Versus Physicians to Provide Information for Patients With Breast Cancer: Blind, Randomized Controlled Noninferiority Trial. Journal of Medical Internet Research, 2019, 21, e15787.	2.1	98
7	Radiomics and Machine Learning for Radiotherapy in Head and Neck Cancers. Frontiers in Oncology, 2019, 9, 174.	1.3	85
8	Image-Guided Robotic Stereotactic Radiation Therapy with Fiducial-Free Tumor Tracking for Lung Cancer. Radiation Oncology, 2012, 7, 102.	1.2	77
9	Prognostic factors affecting local control of hepatic tumors treated by stereotactic body radiation therapy. Radiation Oncology, 2012, 7, 166.	1.2	60
10	Healthcare ex Machina: Are conversational agents ready for prime time in oncology?. Clinical and Translational Radiation Oncology, 2019, 16, 55-59.	0.9	58
11	Psychological distress during the COVID-19 pandemic in France: a national assessment of at-risk populations. Annals of General Psychiatry, 2020, 33, e100349.	1.1	51
12	Radiomics: A primer for the radiation oncologist. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2020, 24, 403-410.	0.6	51
13	A single-institution study of stereotactic body radiotherapy for patients with unresectable visceral pulmonary or hepatic oligometastases. Radiation Oncology, 2012, 7, 164.	1.2	48
14	Personalized radiation therapy and biomarker-driven treatment strategies: a systematic review. Cancer and Metastasis Reviews, 2013, 32, 479-492.	2.7	46
15	Next-generation sequencing of FLT3 internal tandem duplications for minimal residual disease monitoring in acute myeloid leukemia. Oncotarget, 2015, 6, 22812-22821.	0.8	45
16	Robotic image-guided reirradiation of lateral pelvic recurrences: preliminary results. Radiation Oncology, 2011, 6, 77.	1.2	44
17	Recommended ESTRO Core Curriculum for Radiation Oncology/Radiotherapy 4th edition. Radiotherapy and Oncology, 2019, 141, 1-4.	0.3	41
18	IGF-1R Targeting Increases the Antitumor Effects of DNA-Damaging Agents in SCLC Model: An Opportunity to Increase the Efficacy of Standard Therapy. Molecular Cancer Therapeutics, 2013, 12, 1213-1222.	1.9	40

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19	Delineation in thoracic oncology: a prospective study of the effect of training on contour variability and dosimetric consequences. Radiation Oncology, 2011, 6, 118.	1.2	36
20	Enhance the Immune Checkpoint Inhibitors Efficacy with Radiotherapy Induced Immunogenic Cell Death: A Comprehensive Review and Latest Developments. Cancers, 2021, 13, 678.	1.7	31
21	Development and validation of a model to predict survival in colorectal cancer using a gradient-boosted machine. Gut, 2021, 70, 884-889.	6.1	30
22	Learning radiation oncology in Europe: Results of the ESTRO multidisciplinary survey. Clinical and Translational Radiation Oncology, 2018, 9, 61-67.	0.9	26
23	Labeling for Big Data in radiation oncology: The Radiation Oncology Structures ontology. PLoS ONE, 2018, 13, e0191263.	1.1	26
24	Mobile Technology and Social Media in the Clinical Practice of Young Radiation Oncologists: Results of a Comprehensive Nationwide Cross-sectional Study. International Journal of Radiation Oncology Biology Physics, 2014, 90, 231-237.	0.4	25
25	Clinical Outcomes of Several IMRT Techniques for Patients With Head and Neck Cancer: A Propensity Scoreâ€“Weighted Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 99, 929-937.	0.4	23
26	The Role of Radiomics in Lung Cancer: From Screening to Treatment and Follow-Up. Frontiers in Oncology, 2021, 11, 603595.	1.3	23
27	Professional quality of life and burnout among medical physicists working in radiation oncology: The role of alexithymia and empathy. Physics and Imaging in Radiation Oncology, 2020, 15, 38-43.	1.2	22
28	Professional quality of life and burnout amongst radiation oncologists: The impact of alexithymia and empathy. Radiotherapy and Oncology, 2020, 147, 162-168.	0.3	22
29	Adapted Prescription Dose for Monte Carlo Algorithm in Lung SBRT: Clinical Outcome on 205 Patients. PLoS ONE, 2015, 10, e0133617.	1.1	22
30	Automated contour propagation of the prostate from pCT to CBCT images via deep unsupervised learning. Medical Physics, 2021, 48, 1764-1770.	1.6	20
31	Social media for radiation oncologists: A practical primer. Advances in Radiation Oncology, 2017, 2, 277-280.	0.6	18
32	CT appearance of pulmonary carcinomas after stereotactic radiation therapy. Diagnostic and Interventional Imaging, 2013, 94, 255-262.	1.8	16
33	Cytotoxic effect of lapatinib is restricted to human papillomavirus-positive head and neck squamous cell carcinoma cell lines. OncoTargets and Therapy, 2015, 8, 335.	1.0	16
34	Radiotherapy in Patients With a Cardiac Implantable Electronic Device. American Journal of Cardiology, 2020, 128, 196-201.	0.7	15
35	Interpretable Machine Learning Model for Locoregional Relapse Prediction in Oropharyngeal Cancers. Cancers, 2021, 13, 57.	1.7	13
36	Acute Myocarditis Induced by Hypomethylating Agents. Journal of Clinical Oncology, 2011, 29, e411-e412.	0.8	12

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37	Automatic Intracranial Segmentation: Is the Clinician Still Needed?. Technology in Cancer Research and Treatment, 2018, 17, 153303461774883.	0.8	11
38	The role of alexithymia and empathy on radiation therapistsâ€™ professional quality of life. Technical Innovations and Patient Support in Radiation Oncology, 2020, 15, 29-36.	0.6	11
39	Screening for chronic obstructive pulmonary disease with artificial intelligence. The Lancet Digital Health, 2020, 2, e216-e217.	5.9	11
40	The role of Next-Generation Sequencing in tumoral radiosensitivity prediction. Clinical and Translational Radiation Oncology, 2017, 3, 16-20.	0.9	10
41	Toxicity and efficacy of cetuximab associated with several modalities of IMRT for locally advanced head and neck cancer. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2016, 20, 357-361.	0.6	9
42	The French Society of Young Radiation Oncologists: History, goals and perspective. Reports of Practical Oncology and Radiotherapy, 2012, 17, 255-258.	0.3	8
43	Empowering patients for radiation therapy safety: Results of the EMPATHY study. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2016, 20, 790-793.	0.6	8
44	Development and Validation of an Interpretable Artificial Intelligence Model to Predict 10-Year Prostate Cancer Mortality. Cancers, 2021, 13, 3064.	1.7	8
45	Integrating Multimodal Radiation Therapy Data into i2b2. Applied Clinical Informatics, 2018, 09, 377-390.	0.8	6
46	Delegation of medical tasks in French radiation oncology departments: Current situation and impact on residentsâ€™ training. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2013, 17, 370-377.	0.6	5
47	RE: The Rise of Radiomics and Implications for Oncologic Management. Journal of the National Cancer Institute, 2018, 110, 1275-1276.	3.0	5
48	Evaluation of the Theoretical Teaching of Postgraduate Radiation Oncology Medical Residents in France: a Cross-Sectional Study. Journal of Cancer Education, 2018, 33, 383-390.	0.6	5
49	Alexithymia and professional quality of life in radiation oncology: The moderator effect of the professional profile. Radiotherapy and Oncology, 2021, 158, 48-54.	0.3	5
50	Outcomes of endoscopic submucosal dissection for early esophageal and gastric cardia adenocarcinomas. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101700.	0.7	5
51	Evaluation of patientsâ€™ engagement in radiation therapy safety. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2016, 20, 765-767.	0.6	4
52	Effective delivery of palliative radiotherapy: A prospective study. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2019, 23, 365-369.	0.6	4
53	Deep Learning Prediction of Cancer Prevalence from Satellite Imagery. Cancers, 2020, 12, 3844.	1.7	4
54	Organ Preservation after Endoscopic Resection of Early Esophageal Cancer with a High Risk of Lymph Node Involvement. Cancers, 2020, 12, 3598.	1.7	4

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55	Artificial intelligence in oncology. , 2021, , 361-381.		4
56	Long-term outcomes after bladder-preserving tri-modality therapy for patients with muscle-invasive bladder cancer. Acta OncolÃ³gica, 2021, 60, 794-802.	0.8	4
57	Feasibility Study of Pelvic Helical IMRT for Elderly Patients with Endometrial Cancer. PLoS ONE, 2014, 9, e113279.	1.1	3
58	Impact of a dedicated multidisciplinary meeting on the management of superficial cancers of the digestive tract. Endoscopy International Open, 2018, 06, E1470-E1476.	0.9	3
59	National societies' needs as assessed by the ESTRO National Societies Committee survey: A European perspective. Radiotherapy and Oncology, 2020, 151, 176-181.	0.3	3
60	Treating Metastatic Prostate Cancer With Local Therapies: Is It Still Wishful Thinking?. Journal of Clinical Oncology, 2018, 36, 2348-2349.	0.8	2
61	Real-life clinical data mining: generating hypotheses for evidence-based medicine. Annals of Translational Medicine, 2020, 8, 69-69.	0.7	2
62	Assessing the performances of a chatbot to collect real-life data of patients suffering from primary headache disorders. Digital Health, 2022, 8, 205520762210977.	0.9	2
63	eLQ : A biologically-equivalent dose calculator available on iPhone, Android, and the web. Practical Radiation Oncology, 2011, 1, 212-213.	1.1	1
64	Le chatbot, outil dâ€™accompagnement thÃ©rapeutique de la dÃ©pression chez les patientes atteintes dâ€™un cancer du sein. Psycho-oncologie, 2020, 14, 17-21.	0.0	1
65	PELVIC TOMOTHERAPY FOR ELDERLY PATIENTS:FEASIBILITY AND EARLY TOXICITY. Radiotherapy and Oncology, 2011, 98, S23-S24.	0.3	0
66	STEREOTACTIC RADIOTHERAPY AND ELDERLY PATIENTS. Radiotherapy and Oncology, 2011, 98, S24-S25.	0.3	0
67	PO-50: Role of The Cxcl12 Axis in The Resistance of Hpv-Related Tumors to Therapy. Radiotherapy and Oncology, 2012, 104, 37.	0.3	0
68	Robotic Stereotactic Body Radiation Therapy for Patients With Pulmonary and Hepatic Oligometastases. International Journal of Radiation Oncology Biology Physics, 2012, 84, S819.	0.4	0
69	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: A Prognostic Factors Analysis. International Journal of Radiation Oncology Biology Physics, 2012, 84, S329-S330.	0.4	0
70	P-0090 Stereotactic Body Radiation Therapy with Real-Time Tracking for Hepatocellular Carcinoma. Annals of Oncology, 2012, 23, iv57.	0.6	0
71	RadiothÃ©rapie en conditions stÃ©rÃ©otaxiques des patients inopÃ©rables. Revue Des Maladies Respiratoires Actualites, 2015, 7, 361-366.	0.0	0
72	PO-0795: Implementing the Monte Carlo algorithm in lung SBRT: clinical outcome on 205 patients. Radiotherapy and Oncology, 2015, 115, S399.	0.3	0

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73	Complications cardiaques de la radiothÃ©rapie. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2016, 2016, 9-12.	0.0	0
74	SP-0317: What is the Young ESTRO Committee and what can it do for young radiation oncology professionnals?. Radiotherapy and Oncology, 2016, 119, S146-S147.	0.3	0
75	EP-1204: Predicting toxicity after lung stereotactic radiation therapy. Radiotherapy and Oncology, 2016, 119, S571.	0.3	0
76	In Reply to Daisne etÂal. International Journal of Radiation Oncology Biology Physics, 2018, 100, 808-809.	0.4	0
77	In Reply to Tallet etÂal. International Journal of Radiation Oncology Biology Physics, 2018, 100, 529-530.	0.4	0
78	PO-0800: Deep Neural Network predicts complete response in rectal cancer after neo-adjuvant chemoradiation. Radiotherapy and Oncology, 2018, 127, S415-S416.	0.3	0
79	PO-0860: Learning radiation oncology in Europe: results of the ESTRO multidisciplinary survey. Radiotherapy and Oncology, 2018, 127, S450-S451.	0.3	0
80	Alexithymia, Empathy and Burn-out Amongst Radiation Oncologists. the Pro Bono Survey. International Journal of Radiation Oncology Biology Physics, 2019, 105, S21-S22.	0.4	0
81	Organ Preservation in Early Esophageal Cancer. Gastroenterology, 2020, 158, 280.	0.6	0
82	Abstract 2866: Exploring the basis for platinum and ionizing radiation combination with R1507 (an) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 and genomic approaches on both short- and long-term drug exposure reveals adaptive mechanisms. , 2012, , .		0
83	PH-0368: Alexithymia, empathy and burn-out amongst medical physicists: the PRO BONO survey. Radiotherapy and Oncology, 2020, 152, S199.	0.3	0