

Jean Emmanuel Bibault

List of Publications by Year in descending order

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83
papers

2,132
citations

257450

24
h-index

254184

43
g-index

119
all docs

119
docs citations

119
times ranked

3325
citing authors

#	ARTICLE	IF	CITATIONS
1	Big Data and machine learning in radiation oncology: State of the art and future prospects. <i>Cancer Letters</i> , 2016, 382, 110-117.	7.2	240
2	Deep Learning and Radiomics predict complete response after neo-adjuvant chemoradiation for locally advanced rectal cancer. <i>Scientific Reports</i> , 2018, 8, 12611.	3.3	142
3	When Chatbots Meet Patients: One-Year Prospective Study of Conversations Between Patients With Breast Cancer and a Chatbot. <i>JMIR Cancer</i> , 2019, 5, e12856.	2.4	127
4	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: Prognostic Factors of Local Control, Overall Survival, and Toxicity. <i>PLoS ONE</i> , 2013, 8, e77472.	2.5	104
5	Deep Learning: A Review for the Radiation Oncologist. <i>Frontiers in Oncology</i> , 2019, 9, 977.	2.8	99
6	A Chatbot Versus Physicians to Provide Information for Patients With Breast Cancer: Blind, Randomized Controlled Noninferiority Trial. <i>Journal of Medical Internet Research</i> , 2019, 21, e15787.	4.3	98
7	Radiomics and Machine Learning for Radiotherapy in Head and Neck Cancers. <i>Frontiers in Oncology</i> , 2019, 9, 174.	2.8	85
8	Image-Guided Robotic Stereotactic Radiation Therapy with Fiducial-Free Tumor Tracking for Lung Cancer. <i>Radiation Oncology</i> , 2012, 7, 102.	2.7	77
9	Prognostic factors affecting local control of hepatic tumors treated by stereotactic body radiation therapy. <i>Radiation Oncology</i> , 2012, 7, 166.	2.7	60
10	Healthcare ex Machina: Are conversational agents ready for prime time in oncology?. <i>Clinical and Translational Radiation Oncology</i> , 2019, 16, 55-59.	1.7	58
11	Psychological distress during the COVID-19 pandemic in France: a national assessment of at-risk populations. <i>Annals of General Psychiatry</i> , 2020, 33, e100349.	3.1	51
12	Radiomics: A primer for the radiation oncologist. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 403-410.	1.4	51
13	A single-institution study of stereotactic body radiotherapy for patients with unresectable visceral pulmonary or hepatic oligometastases. <i>Radiation Oncology</i> , 2012, 7, 164.	2.7	48
14	Personalized radiation therapy and biomarker-driven treatment strategies: a systematic review. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 479-492.	5.9	46
15	Next-generation sequencing of FLT3 internal tandem duplications for minimal residual disease monitoring in acute myeloid leukemia. <i>Oncotarget</i> , 2015, 6, 22812-22821.	1.8	45
16	Robotic image-guided reirradiation of lateral pelvic recurrences: preliminary results. <i>Radiation Oncology</i> , 2011, 6, 77.	2.7	44
17	Recommended ESTRO Core Curriculum for Radiation Oncology/Radiotherapy 4th edition. <i>Radiotherapy and Oncology</i> , 2019, 141, 1-4.	0.6	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. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1213-1222.	4.1	40

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19	Delineation in thoracic oncology: a prospective study of the effect of training on contour variability and dosimetric consequences. <i>Radiation Oncology</i> , 2011, 6, 118.	2.7	36
20	Enhance the Immune Checkpoint Inhibitors Efficacy with Radiotherapy Induced Immunogenic Cell Death: A Comprehensive Review and Latest Developments. <i>Cancers</i> , 2021, 13, 678.	3.7	31
21	Development and validation of a model to predict survival in colorectal cancer using a gradient-boosted machine. <i>Gut</i> , 2021, 70, 884-889.	12.1	30
22	Learning radiation oncology in Europe: Results of the ESTRO multidisciplinary survey. <i>Clinical and Translational Radiation Oncology</i> , 2018, 9, 61-67.	1.7	26
23	Labeling for Big Data in radiation oncology: The Radiation Oncology Structures ontology. <i>PLoS ONE</i> , 2018, 13, e0191263.	2.5	26
24	Mobile Technology and Social Media in the Clinical Practice of Young Radiation Oncologists: Results of a Comprehensive Nationwide Cross-sectional Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 231-237.	0.8	25
25	Clinical Outcomes of Several IMRT Techniques for Patients With Head and Neck Cancer: A Propensity Scoreâ€“Weighted Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 929-937.	0.8	23
26	The Role of Radiomics in Lung Cancer: From Screening to Treatment and Follow-Up. <i>Frontiers in Oncology</i> , 2021, 11, 603595.	2.8	23
27	Professional quality of life and burnout among medical physicists working in radiation oncology: The role of alexithymia and empathy. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 15, 38-43.	2.9	22
28	Professional quality of life and burnout amongst radiation oncologists: The impact of alexithymia and empathy. <i>Radiotherapy and Oncology</i> , 2020, 147, 162-168.	0.6	22
29	Adapted Prescription Dose for Monte Carlo Algorithm in Lung SBRT: Clinical Outcome on 205 Patients. <i>PLoS ONE</i> , 2015, 10, e0133617.	2.5	22
30	Automated contour propagation of the prostate from pCT to CBCT images via deep unsupervised learning. <i>Medical Physics</i> , 2021, 48, 1764-1770.	3.0	20
31	Social media for radiation oncologists: A practical primer. <i>Advances in Radiation Oncology</i> , 2017, 2, 277-280.	1.2	18
32	CT appearance of pulmonary carcinomas after stereotactic radiation therapy. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 255-262.	3.2	16
33	Cytotoxic effect of lapatinib is restricted to human papillomavirus-positive head and neck squamous cell carcinoma cell lines. <i>OncoTargets and Therapy</i> , 2015, 8, 335.	2.0	16
34	Radiotherapy in Patients With a Cardiac Implantable Electronic Device. <i>American Journal of Cardiology</i> , 2020, 128, 196-201.	1.6	15
35	Interpretable Machine Learning Model for Locoregional Relapse Prediction in Oropharyngeal Cancers. <i>Cancers</i> , 2021, 13, 57.	3.7	13
36	Acute Myocarditis Induced by Hypomethylating Agents. <i>Journal of Clinical Oncology</i> , 2011, 29, e411-e412.	1.6	12

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37	Automatic Intracranial Segmentation: Is the Clinician Still Needed?. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303461774883.	1.9	11
38	The role of alexithymia and empathy on radiation therapists's professional quality of life. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020, 15, 29-36.	1.9	11
39	Screening for chronic obstructive pulmonary disease with artificial intelligence. <i>The Lancet Digital Health</i> , 2020, 2, e216-e217.	12.3	11
40	The role of Next-Generation Sequencing in tumoral radiosensitivity prediction. <i>Clinical and Translational Radiation Oncology</i> , 2017, 3, 16-20.	1.7	10
41	Toxicity and efficacy of cetuximab associated with several modalities of IMRT for locally advanced head and neck cancer. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2016, 20, 357-361.	1.4	9
42	The French Society of Young Radiation Oncologists: History, goals and perspective. <i>Reports of Practical Oncology and Radiotherapy</i> , 2012, 17, 255-258.	0.6	8
43	Empowering patients for radiation therapy safety: Results of the EMPATHY study. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2016, 20, 790-793.	1.4	8
44	Development and Validation of an Interpretable Artificial Intelligence Model to Predict 10-Year Prostate Cancer Mortality. <i>Cancers</i> , 2021, 13, 3064.	3.7	8
45	Integrating Multimodal Radiation Therapy Data into i2b2. <i>Applied Clinical Informatics</i> , 2018, 09, 377-390.	1.7	6
46	Delegation of medical tasks in French radiation oncology departments: Current situation and impact on residents' training. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2013, 17, 370-377.	1.4	5
47	RE: The Rise of Radiomics and Implications for Oncologic Management. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1275-1276.	6.3	5
48	Evaluation of the Theoretical Teaching of Postgraduate Radiation Oncology Medical Residents in France: a Cross-Sectional Study. <i>Journal of Cancer Education</i> , 2018, 33, 383-390.	1.3	5
49	Alexithymia and professional quality of life in radiation oncology: The moderator effect of the professional profile. <i>Radiotherapy and Oncology</i> , 2021, 158, 48-54.	0.6	5
50	Outcomes of endoscopic submucosal dissection for early esophageal and gastric cardia adenocarcinomas. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 45, 101700.	1.5	5
51	Evaluation of patients' engagement in radiation therapy safety. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2016, 20, 765-767.	1.4	4
52	Effective delivery of palliative radiotherapy: A prospective study. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2019, 23, 365-369.	1.4	4
53	Deep Learning Prediction of Cancer Prevalence from Satellite Imagery. <i>Cancers</i> , 2020, 12, 3844.	3.7	4
54	Organ Preservation after Endoscopic Resection of Early Esophageal Cancer with a High Risk of Lymph Node Involvement. <i>Cancers</i> , 2020, 12, 3598.	3.7	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 Oncol ³ gica, 2021, 60, 794-802.	1.8	4
57	Feasibility Study of Pelvic Helical IMRT for Elderly Patients with Endometrial Cancer. PLoS ONE, 2014, 9, e113279.	2.5	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.	1.8	3
59	National societies' needs as assessed by the ESTRO National Societies Committee survey: A European perspective. Radiotherapy and Oncology, 2020, 151, 176-181.	0.6	3
60	Treating Metastatic Prostate Cancer With Local Therapies: Is It Still Wishful Thinking?. Journal of Clinical Oncology, 2018, 36, 2348-2349.	1.6	2
61	Real-life clinical data mining: generating hypotheses for evidence-based medicine. Annals of Translational Medicine, 2020, 8, 69-69.	1.7	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.	1.8	2
63	eLQ : A biologically-equivalent dose calculator available on iPhone, Android, and the web. Practical Radiation Oncology, 2011, 1, 212-213.	2.1	1
64	Le chatbot, outil d'accompagnement thérapeutique de la dépression chez les patientes atteintes d'un cancer du sein. Psycho-oncologie, 2020, 14, 17-21.	0.1	1
65	PELVIC TOMOTHERAPY FOR ELDERLY PATIENTS:FEASIBILITY AND EARLY TOXICITY. Radiotherapy and Oncology, 2011, 98, S23-S24.	0.6	0
66	STEREOTACTIC RADIOTHERAPY AND ELDERLY PATIENTS. Radiotherapy and Oncology, 2011, 98, S24-S25.	0.6	0
67	PO-50: Role of The Cxcl12 Axis in The Resistance of Hpv-Related Tumors to Therapy. Radiotherapy and Oncology, 2012, 104, 37.	0.6	0
68	Robotic Stereotactic Body Radiation Therapy for Patients With Pulmonary and Hepatic Oligometastases. International Journal of Radiation Oncology Biology Physics, 2012, 84, S819.	0.8	0
69	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: A Prognostic Factors Analysis. International Journal of Radiation Oncology Biology Physics, 2012, 84, S329-S330.	0.8	0
70	P-0090 Stereotactic Body Radiation Therapy with Real-Time Tracking for Hepatocellular Carcinoma. Annals of Oncology, 2012, 23, iv57.	1.2	0
71	Radiothérapie en conditions stériles des patients inopérables. 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.	0.6	0

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73	Complications cardiaques de la radiothérapie. 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 professionals?. Radiotherapy and Oncology, 2016, 119, S146-S147.	0.6	0
75	EP-1204: Predicting toxicity after lung stereotactic radiation therapy. Radiotherapy and Oncology, 2016, 119, S571.	0.6	0
76	In Reply to Daisne et al. International Journal of Radiation Oncology Biology Physics, 2018, 100, 808-809.	0.8	0
77	In Reply to Tallet et al. International Journal of Radiation Oncology Biology Physics, 2018, 100, 529-530.	0.8	0
78	PO-0800: Deep Neural Network predicts complete response in rectal cancer after neo-adjuvant chemoradiation. Radiotherapy and Oncology, 2018, 127, S415-S416.	0.6	0
79	PO-0860: Learning radiation oncology in Europe: results of the ESTRO multidisciplinary survey. Radiotherapy and Oncology, 2018, 127, S450-S451.	0.6	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.	0.8	0
81	Organ Preservation in Early Esophageal Cancer. Gastroenterology, 2020, 158, 280.	1.3	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.	0.6	0