Eric Deutsch

List of Publications by Year
in descending order

286	21,379	25014	11601
papers	citations	57 h-index	135 g-index

340	340	340	36567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Gut microbiome influences efficacy of PD-1â€“based immunotherapy against epithelial tumors. Science, 2018, 359, 91-97.	6.0	3,689
3	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. Lancet Oncology, The, 2018, 19, 1180-1191.	5.1	811
4	Adaptation to ischemia during percutaneous transluminal coronary angioplasty. Clinical, hemodynamic, and metabolic features.. Circulation, 1990, 82, 2044-2051.	1.6	567
5	High-Throughput Genomics and Clinical Outcome in Hard-to-Treat Advanced Cancers: Results of the MOSCATO 01 Trial. Cancer Discovery, 2017, 7, 586-595.	7.7	554
6	Promises and challenges for the implementation of computational medical imaging (radiomics) in oncology. Annals of Oncology, 2017, 28, 1191-1206.	0.6	520
7	Nanoscale radiotherapy with hafnium oxide nanoparticles. Future Oncology, 2012, 8, 1167-1181.	1.1	277
8	Intestinal Akkermansia muciniphila predicts clinical response to PD-1 blockade in patients with advanced non-small-cell lung cancer. Nature Medicine, 2022, 28, 315-324.	15.2	225
9	Mechanisms of Disease: signaling of the insulin-like growth factor 1 receptor pathwayâ€”therapeutic perspectives in cancer. Nature Clinical Practice Oncology, 2007, 4, 591-602.	4.3	217
10	Autophagy inhibition radiosensitizes in vitro, yet reduces radioresponses in vivo due to deficient immunogenic signalling. Cell Death and Differentiation, 2014, 21, 92-99.	5.0	181
11	The use of theranostic gadolinium-based nanoprobes to improve radiotherapy efficacy. British Journal of Radiology, 2014, 87, 20140134.	1.0	167
12	BCR-ABL down-regulates the DNA repair protein DNA-PKcs. Blood, 2001, 97, 2084-2090.	0.6	155
13	Tumour stem cell-targeted treatment: elimination or differentiation. Annals of Oncology, 2006, 17, 1620-1624.	0.6	150
14	Optimising efficacy and reducing toxicity of anticancer radioimmunotherapy. Lancet Oncology, The, 2019, 20, e452-e463.	5.1	150
15	Brachytherapy: An overview for clinicians. Ca-A Cancer Journal for Clinicians, 2019, 69, 386-401.	157.7	150
16	First-in-Human Study Testing a New Radioenhancer Using Nanoparticles (NBTXR3) Activated by Radiation Therapy in Patients with Locally Advanced Soft Tissue Sarcomas. Clinical Cancer Research, 2017, 23, 908-917.	3.2	149
17	Standardization of brain MR images across machines and protocols: bridging the gap for MRI-based radiomics. Scientific Reports, 2020, 10, 12340.	1.6	138
18	Influence of Endothelial Cells on Vascular Smooth Muscle Cells Phenotype after Irradiation. American Journal of Pathology, 2006, 169, 1484-1495.	1.9	125

#	Article	IF	Citations
19	Class I PI3 Kinase Inhibition by the Pyridinylfuranopyrimidine Inhibitor PI-103 Enhances Tumor Radiosensitivity. Cancer Research, 2008, 68, 5915-5923.	0.4	124
20	Antiviral agent Cidofovir restores p53 function and enhances the radiosensitivity in HPV-associated cancers. Oncogene, 2002, 21, 2334-2346.	2.6	121
21	CSF1R inhibition prevents radiation pulmonary fibrosis by depletion of interstitial macrophages. European Respiratory Journal, 2018, 51, 1702120.	3.1	114
22	Concurrent irradiation with the anti-programmed cell death ligand-1 immune checkpoint blocker durvalumab: Single centre subset analysis from a phase 1/2 trial. European Journal of Cancer, 2016, 68, 156-162.	1.3	113
23	AI-driven quantification, staging and outcome prediction of COVID-19 pneumonia. Medical Image Analysis, 2021, 67, 101860.	7.0	111
24	Increased radiosensitivity of HPV-positive head and neck cancers: Molecular basis and therapeutic perspectives. Cancer Treatment Reviews, 2015, 41, 844-852.	3.4	110
25	Can immunostimulatory agents enhance the abscopal effect of radiotherapy?. European Journal of Cancer, 2016, 62, 36-45.	1.3	105
26	Baseline metabolic tumor burden on FDG PET/CT scans predicts outcome in advanced NSCLC patients treated with immune checkpoint inhibitors. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1147-1157.	3.3	103
27	Anal cancer: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-upâ˜†. Annals of Oncology, 2021, 32, 1087-1100.	0.6	100
28	Prediction of cervical cancer recurrence using textural features extracted from 18F-FDG PET images acquired with different scanners. Oncotarget, 2017, 8, 43169-43179.	0.8	100
29	Tyrphostin AG 1024 modulates radiosensitivity in human breast cancer cells. British Journal of Cancer, 2001, 85, 2017-2021.	2.9	97
30	Drug Insight: gastrointestinal and hepatic adverse effects of molecular-targeted agents in cancer therapy. Nature Clinical Practice Oncology, 2008, 5, 268-278.	4.3	96
31	Treatment outcome and survival in participants of phase I oncology trials carried out from 2003 to 2006 at Institut Gustave Roussy. Annals of Oncology, 2008, 19, 787-792.	0.6	95
32	Down-regulation of BRCA1 in BCR-ABLâ€“expressing hematopoietic cells. Blood, 2003, 101, 4583-4588.	0.6	94
33	Radiotherapyâ€“immunotherapy combinations â€“ perspectives and challenges. Molecular Oncology, 2020, 14, 1529-1537.	2.1	94
34	Predictive and prognostic value of CT based radiomics signature in locally advanced head and neck cancers patients treated with concurrent chemoradiotherapy or bioradiotherapy and its added value to Human Papillomavirus status. Oral Oncology, 2017, 71, 150-155.	0.8	92
35	A randomized study of very accelerated radiotherapy with and without amifostine in head and neck squamous cell carcinoma. International Journal of Radiation Oncology Biology Physics, 2000, 46, 1105-1108.	0.4	90
36	Angiogenesis and tumor growth inhibition by a matrix metalloproteinase inhibitor targeting radiation-induced invasion. Molecular Cancer Therapeutics, 2005, 4, 1717-1728.	1.9	89

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37	Cardiac Diseases Following Childhood Cancer Treatment. Circulation, 2016, 133, 31-38.	1.6	87
38	AGuIX^{Â®} from bench to bedsideâ€"Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. British Journal of Radiology, 2019, 92, 20180365.	1.0	86
39	Radiomics in Nuclear Medicine Applied to Radiation Therapy: Methods, Pitfalls, and Challenges. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1117-1142.	0.4	86
40	â€œRadiobiology of Proton Therapyâ€• Results of an international expert workshop. Radiotherapy and Oncology, 2018, 128, 56-67.	0.3	85
41	Vemurafenib and Radiosensitization. JAMA Dermatology, 2013, 149, 855.	2.0	83
42	The complexity of tumor shape, spiculatedness, correlates with tumor radiomic shape features. Scientific Reports, 2019, 9, 4329.	1.6	80
43	Enhancement of radiation response in p53-deficient cancer cells by the Aurora-B kinase inhibitor AZD1152. Oncogene, 2008, 27, 3244-3255.	2.6	79
44	Are RAS mutations predictive markers of resistance to standard chemotherapy?. Nature Reviews Clinical Oncology, 2009, 6, 528-534.	12.5	79
45	CCR2-Dependent Recruitment of Tregs and Monocytes Following Radiotherapy Is Associated with TNFÎ±-Mediated Resistance. Cancer Immunology Research, 2019, 7, 376-387.	1.6	79
46	Unexpected toxicity of cetuximab combined with conventional chemoradiotherapy in patients with locally advanced anal cancer: results of the UNICANCER ACCORD 16 phase II trial. Annals of Oncology, 2013, 24, 2834-2838.	0.6	78
47	Synergy of Radiotherapy and a Cancer Vaccine for the Treatment of HPV-Associated Head and Neck Cancer. Molecular Cancer Therapeutics, 2015, 14, 1336-1345.	1.9	77
48	Nanoparticles in radiation oncology: From bench-side to bedside. Cancer Letters, 2016, 375, 256-262.	3.2	76
49	Phase I Study of Lapatinib in Combination With Chemoradiation in Patients With Locally Advanced Squamous Cell Carcinoma of the Head and Neck. Journal of Clinical Oncology, 2009, 27, 1100-1107.	0.8	71
50	Limits of radiomic-based entropy as a surrogate of tumor heterogeneity: ROI-area, acquisition protocol and tissue site exert substantial influence. Scientific Reports, 2017, 7, 7952.	1.6	71
51	Macrophage biology plays a central role during ionizing radiation-elicited tumor response. Biomedical Journal, 2017, 40, 200-211.	1.4	71
52	Environmental, genetic, and molecular features of prostate cancer. Lancet Oncology, The, 2004, 5, 303-313.	5.1	67
53	Low- and high-grade esthesioneuroblastomas display a distinct natural history and outcome. European Journal of Cancer, 2013, 49, 1324-1334.	1.3	67
54	Theranostic AGuIX nanoparticles as radiosensitizer: A phase I, dose-escalation study in patients with multiple brain metastases (NANO-RAD trial). Radiotherapy and Oncology, 2021, 160, 159-165.	0.3	67

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55	Enhancement of radiation response by inhibition of Aurora-A kinase using siRNA or a selective Aurora kinase inhibitor PHA680632 in p53-deficient cancer cells. British Journal of Cancer, 2007, 97, 1664-1672.	2.9	66
56	PBRM1 Deficiency Confers Synthetic Lethality to DNA Repair Inhibitors in Cancer. Cancer Research, 2021, 81, 2888-2902.	0.4	66
57	Gene Expression Profile in Human Late Radiation Enteritis Obtained by High-Density cDNA Array Hybridization. Radiation Research, 2004, 161, 299-311.	0.7	65
58	Innate immune receptor NOD2 mediates LGR5 ⁺ intestinal stem cell protection against ROS cytotoxicity via mitophagy stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1994-2003.	3.3	63
59	Radiation therapy and immunotherapy: Implications for a combined cancer treatment. Critical Reviews in Oncology/Hematology, 2013, 85, 278-287.	2.0	61
60	Optimize and refine therapeutic index in radiation therapy: Overview of a century. Cancer Treatment Reviews, 2016, 45, 58-67.	3.4	60
61	Modulating Both Tumor Cell Death and Innate Immunity Is Essential for Improving Radiation Therapy Effectiveness. Frontiers in Immunology, 2017, 8, 613.	2.2	60
62	Hemodynamic and respiratory changes following dexmedetomidine administration during general anesthesia: sevoflurane vs desflurane. Paediatric Anaesthesia, 2007, 17, 438-444.	0.6	57
63	Targeted therapy-induced radiation recall. European Journal of Cancer, 2013, 49, 1662-1668.	1.3	55
64	Decreased DNA-PK activity in human cancer cells exhibiting hypersensitivity to low-dose irradiation. British Journal of Cancer, 2000, 83, 514-518.	2.9	54
65	Radiosensitization by Chir-124, a selective Chk1 inhibitor: Effects of p53 and cell cycle checkpoints. Cell Cycle, 2009, 8, 1196-1205.	1.3	54
66	Abscopal effect in a Hodgkin lymphoma patient treated by an anti-programmed death 1 antibody. European Journal of Cancer, 2016, 66, 91-94.	1.3	54
67	Chemoprevention of lung cancer. Lancet Oncology, The, 2003, 4, 659-669.	5.1	52
68	Coronary stenosis risk analysis following Hodgkin lymphoma radiotherapy: A study based on patient specific artery segments dose calculation. Radiotherapy and Oncology, 2015, 117, 467-472.	0.3	51
69	Enhancement of radiation response by roscovitine in human breast carcinoma in vitro and in vivo. Cancer Research, 2003, 63, 2513-7.	0.4	51
70	Antiviral agent Cidofovir decreases Epsteinâ€“Barr virus (EBV) oncoproteins and enhances the radiosensitivity in EBV-related malignancies. Oncogene, 2003, 22, 2260-2271.	2.6	50
71	NOX2-dependent ATM kinase activation dictates pro-inflammatory macrophage phenotype and improves effectiveness to radiation therapy. Cell Death and Differentiation, 2017, 24, 1632-1644.	5.0	50
72	Leukocytosis and neutrophilia predicts outcome in anal cancer. Radiotherapy and Oncology, 2017, 122, 137-145.	0.3	50

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73	Neutrophils, a candidate biomarker and target for radiation therapy?. Acta OncolÃ³gica, 2017, 56, 1522-1530.	0.8	50
74	The Aurora B kinase inhibitor AZD1152 sensitizes cancer cells to fractionated irradiation and induces mitotic catastrophe. Cell Cycle, 2009, 8, 3172-3181.	1.3	49
75	Macrophages in radiation injury: a new therapeutic target. OncoImmunology, 2018, 7, e1494488.	2.1	48
76	Tumor Shrinkage During Chemoradiation in Locally Advanced Cervical Cancer Patients: Prognostic Significance, and Impact for Image-Guided Adaptive Brachytherapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, 362-372.	0.4	48
77	Fast dose fractionation using ultra-short laser accelerated proton pulses can increase cancer cell mortality, which relies on functional PARP1 protein. Scientific Reports, 2019, 9, 10132.	1.6	48
78	Essential Role of Plasminogen Activator Inhibitor Type-1 in Radiation Enteropathy. American Journal of Pathology, 2008, 172, 691-701.	1.9	47
79	Brachytherapy Combined With Surgery for Conservative Treatment of Children With Bladder Neck and/or Prostate Rhabdomyosarcoma. International Journal of Radiation Oncology Biology Physics, 2017, 98, 352-359.	0.4	47
80	Personalized radiation therapy and biomarker-driven treatment strategies: a systematic review. Cancer and Metastasis Reviews, 2013, 32, 479-492.	2.7	46
81	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
82	n-3 Polyunsaturated fatty acids decrease mucosal/epidermal reactions and enhance antitumour effect of ionising radiation with inhibition of tumour angiogenesis. British Journal of Cancer, 2003, 89, 1102-1107.	2.9	45
83	Complications of thoracic radiotherapy. Presse Medicale, 2013, 42, e342-e351.	0.8	45
84	Phase I trial of everolimus in combination with thoracic radiotherapy in non-small-cell lung cancer. Annals of Oncology, 2015, 26, 1223-1229.	0.6	45
85	Dependence on Phosphoinositide 3-Kinase and RAS-RAF Pathways Drive the Activity of RAF265, a Novel RAF/VEGFR2 Inhibitor, and RAD001 (Everolimus) in Combination. Molecular Cancer Therapeutics, 2010, 9, 358-368.	1.9	44
86	Concurrent use of cisplatin or cetuximab with definitive radiotherapy for locally advanced head and neck squamous cell carcinomas. Strahlentherapie Und Onkologie, 2014, 190, 823-831.	1.0	44
87	Multiple molecular mechanisms contribute to radiation sensitivity in mantle cell lymphoma. Oncogene, 2003, 22, 7905-7912.	2.6	43
88	Induction chemotherapy with docetaxel, cisplatin and fluorouracil followed by concurrent chemoradiotherapy or chemoradiotherapy alone in locally advanced non-endemic nasopharyngeal carcinoma. Oral Oncology, 2016, 62, 114-121.	0.8	43
89	Entosis: The emerging face of non-cell-autonomous type IV programmed death. Biomedical Journal, 2017, 40, 133-140.	1.4	42
90	Novel Anti-Metastatic Action of Cidofovir Mediated by Inhibition of E6/E7, CXCR4 and Rho/ROCK Signaling in HPV+ Tumor Cells. PLoS ONE, 2009, 4, e5018.	1.1	42

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91	Pharmacological strategies to spare normal tissues from radiation damage: useless or overlooked therapeutics?. Cancer and Metastasis Reviews, 2012, 31, 699-712.	2.7	41
92	Bioluminescent Orthotopic Mouse Models of Human Localized Non-Small Cell Lung Cancer: Feasibility and Identification of Circulating Tumour Cells. PLoS ONE, 2011, 6, e26073.	1.1	41
93	Preclinical assessment of JNJ-26854165 (Serdemetan), a novel tryptamine compound with radiosensitizing activity in vitro and in tumor xenografts. Cancer Letters, 2011, 312, 209-218.	3.2	40
94	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
95	Combination of vascular disrupting agents and ionizing radiation. Critical Reviews in Oncology/Hematology, 2013, 86, 143-160.	2.0	39
96	Controversies and challenges regarding the impact of radiation therapy on survival. Annals of Oncology, 2013, 24, 38-46.	0.6	39
97	Brachytherapy for Conservative Treatment of Invasive Penile Carcinoma: Prognostic Factors and Long-Term Analysis of Outcome. International Journal of Radiation Oncology Biology Physics, 2017, 99, 563-570.	0.4	39
98	Melanoma: Last call for radiotherapy. Critical Reviews in Oncology/Hematology, 2017, 110, 13-19.	2.0	39
99	Brain Tumor Segmentation with Self-ensembled, Deeply-Supervised 3D U-Net Neural Networks: A BraTS 2020 Challenge Solution. Lecture Notes in Computer Science, 2021, , 327-339.	1.0	39
100	Normal tissues toxicities triggered by combined anti-angiogenic and radiation therapies: hurdles might be ahead. British Journal of Cancer, 2012, 107, 308-314.	2.9	38
101	Sequential research-related biopsies in phase I trials: acceptance, feasibility and safety. Annals of Oncology, 2012, 23, 1301-1306.	0.6	37
102	Clinical and genetic landscape of treatment naive cervical cancer: Alterations in PIK3CA and in epigenetic modulators associated with sub-optimal outcome. EBioMedicine, 2019, 43, 253-260.	2.7	37
103	Understanding the functions of tumor stroma in resistance to ionizing radiation: Emerging targets for pharmacological modulation. Drug Resistance Updates, 2013, 16, 10-21.	6.5	36
104	Radiosensitization by a novel Bcl-2 and Bcl-XL inhibitor S44563 in small-cell lung cancer. Cell Death and Disease, 2014, 5, e1423-e1423.	2.7	36
105	Clinical relevance of tumor infiltrating lymphocytes, PD-L1 expression and correlation with HPV/p16 in head and neck cancer treated with bio- or chemo-radiotherapy. OncoImmunology, 2017, 6, e1341030.	2.1	36
106	Neutrophilia as a biomarker for overall survival in newly diagnosed high-grade glioma patients undergoing chemoradiation. Clinical and Translational Radiation Oncology, 2018, 10, 47-52.	0.9	36
107	Neutrophilia in locally advanced cervical cancer: A novel biomarker for image-guided adaptive brachytherapy?. Oncotarget, 2016, 7, 74886-74894.	0.8	36
108	Leukocytosis and neutrophilia predict outcome in locally advanced esophageal cancer treated with definitive chemoradiation. Oncotarget, 2017, 8, 11579-11588.	0.8	36

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109	Tyrosine kinase inhibitor AG1024 exerts antileukaemic effects on STI571-resistant Bcr-Abl expressing cells and decreases AKT phosphorylation. British Journal of Cancer, 2004, 91, 1735-1741.	2.9	35
110	Low response rate after cetuximab combined with conventional chemoradiotherapy in patients with locally advanced anal cancer: Long-term results of the UNICANCER ACCORD 16 phase II trial. Radiotherapy and Oncology, 2015, 114, 415-416.	0.3	35
111	Risk of second cancers in the era of modern radiation therapy: does the risk/benefit analysis overcome theoretical models?. Cancer and Metastasis Reviews, 2016, 35, 277-288.	2.7	35
112	Spectral and spatial shaping of a laser-produced ion beam for radiation-biology experiments. Physical Review Accelerators and Beams, 2017, 20, .	0.6	35
113	Risk of Late Urinary Complications Following Image Guided Adaptive Brachytherapy for Locally Advanced Cervical Cancer: Refining Bladder Dose-Volume Parameters. International Journal of Radiation Oncology Biology Physics, 2018, 101, 411-420.	0.4	34
114	Trametinib radiosensitises RAS- and BRAF-mutated melanoma by perturbing cell cycle and inducing senescence. Radiotherapy and Oncology, 2015, 117, 364-375.	0.3	33
115	Thyroid Radiation Dose and Other Risk Factors of Thyroid Carcinoma Following Childhood Cancer. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4282-4290.	1.8	33
116	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. Cell Death and Disease, 2018, 9, 716.	2.7	33
117	Immunotherapy and pulmonary toxicities: can concomitant immune-checkpoint inhibitors with radiotherapy increase the risk of radiation pneumonitis?. European Respiratory Journal, 2018, 51, 1701737.	3.1	32
118	Lung Cancer Stem Cell: Fancy Conceptual Model of Tumor Biology or Cornerstone of a Forthcoming Therapeutic Breakthrough?. Journal of Thoracic Oncology, 2014, 9, 7-17.	0.5	31
119	In vivo biodistribution and oxygenation potential of a new generation of oxygen carrier. Journal of Biotechnology, 2014, 187, 1-9.	1.9	31
120	Prolonged SARS-CoV-2 RNA virus shedding and lymphopenia are hallmarks of COVID-19 in cancer patients with poor prognosis. Cell Death and Differentiation, 2021, 28, 3297-3315.	5.0	31
121	Oncologic and Functional Results After Abdominoperineal Resection Plus Pseudocontinent Perineal Colostomy for Epidermoid Carcinoma of the Anus. Diseases of the Colon and Rectum, 2009, 52, 958-963.	0.7	30
122	Lung Cancer Stem Cell: New Insights on Experimental Models and Preclinical Data. Journal of Oncology, 2011, 2011, 1-10.	0.6	30
123	Complications of chemotherapy, a basic science update. Presse Medicale, 2013, 42, e352-e361.	0.8	30
124	NADPH oxidase DUOX1 sustains TGF-Î²1 signalling and promotes lung fibrosis. European Respiratory Journal, 2021, 57, 1901949.	3.1	30
125	Current state of knowledge regarding the use of antiangiogenic agents with radiation therapy. Cancer Treatment Reviews, 2011, 37, 476-86.	3.4	29
126	Baseline lymphopenia should not be used as exclusion criteria in early clinical trials investigating immune checkpointÂblockers (PD-1/PD-L1 inhibitors). European Journal of Cancer, 2017, 84, 202-211.	1.3	29

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127	Reinventing radiation therapy with machine learning and imaging bio-markers (radiomics): State-of-the-art, challenges and perspectives. Methods, 2021, 188, 44-60.	1.9	29
128	Cyclooxygenase-2 Inhibitor NS398 Enhances Antitumor Effect of Irradiation on Hormone Refractory Human Prostate Carcinoma Cells. Journal of Urology, 2003, 170, 2036-2039.	0.2	28
129	Caspase independence of radio-induced cell death. Oncogene, 2006, 25, 7758-7770.	2.6	27
130	BMS-690514, a VEGFR and EGFR tyrosine kinase inhibitor, shows anti-tumoural activity on non-small-cell lung cancer xenografts and induces sequence-dependent synergistic effect with radiation. British Journal of Cancer, 2010, 103, 347-353.	2.9	27
131	Epac contributes to cardiac hypertrophy and amyloidosis induced by radiotherapy but not fibrosis. Radiotherapy and Oncology, 2014, 111, 63-71.	0.3	26
132	External validation of leukocytosis and neutrophilia as a prognostic marker in anal carcinoma treated with definitive chemoradiation. Radiotherapy and Oncology, 2017, 124, 110-117.	0.3	26
133	Brain Radiation Necrosis: Current Management With a Focus on Non-small Cell Lung Cancer Patients. Frontiers in Oncology, 2018, 8, 336.	1.3	26
134	Pravastatin Reverses Established Radiation-Induced Cutaneous and Subcutaneous Fibrosis in Patients With Head and Neck Cancer: Results of the Biology-Driven Phase 2 Clinical Trial Pravacur. International Journal of Radiation Oncology Biology Physics, 2019, 104, 365-373.	0.4	26
135	A score combining baseline neutrophilia and primary tumor SUVpeak measured from FDG PET is associated with outcome in locally advanced cervical cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 187-195.	3.3	25
136	The efficacy and toxicity of EGFR in the settings of radiotherapy: Focus on published clinical trials. European Journal of Cancer, 2008, 44, 2133-2143.	1.3	24
137	Combining radiation therapy and cancer immune therapies: From preclinical findings to clinical applications. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2018, 22, 567-580.	0.6	24
138	Concurrent chemoradiotherapy with cisplatin or cetuximab for locally advanced head and neck squamous cell carcinomas: Does human papilloma virus play a role?. Oral Oncology, 2016, 59, 50-57.	0.8	23
139	The MET/AXL/FGFR Inhibitor S49076 Impairs Aurora B Activity and Improves the Antitumor Efficacy of Radiotherapy. Molecular Cancer Therapeutics, 2017, 16, 2107-2119.	1.9	23
140	Influence of tumor-associated macrophages and HLA class I expression according to HPV status in head and neck cancer patients receiving chemo/bioradiotherapy. Radiotherapy and Oncology, 2019, 130, 89-96.	0.3	23
141	Methodological Development of Combination Drug and Radiotherapy in Basic and Clinical Research. Clinical Cancer Research, 2020, 26, 4723-4736.	3.2	23
142	Low Doses of Radiation Increase the Immunosuppressive Profile of Lung Macrophages During Viral Infection and Pneumonia. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1283-1294.	0.4	23
143	Spontaneous Spinal Epidural Hematoma With Spinal Cord Compression Complicating Plasma Cell Myeloma. Spine, 1998, 23, 2432-2435.	1.0	22
144	New concepts for phase I trials: evaluating new drugs combined with radiation therapy. Nature Clinical Practice Oncology, 2005, 2, 456-465.	4.3	22

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145	A phase I, dose-escalation study of the Eg5-inhibitor EMD 534085 in patients with advanced solid tumors or lymphoma. Investigational New Drugs, 2013, 31, 1530-1538.	1.2	22
146	The vascular disrupting agent ombrabulin (AVE8062) enhances the efficacy of standard therapies in head and neck squamous cell carcinoma xenograft models. Investigational New Drugs, 2013, 31, 273-284.	1.2	22
147	A review of uncertainties in radiotherapy dose reconstruction and their impacts on doseâ€“response relationships. Journal of Radiological Protection, 2017, 37, R1-R18.	0.6	22
148	Outcome of early stage cervical cancer patients treated according to a radiosurgical approach: Clinical results and prognostic factors. Gynecologic Oncology, 2017, 144, 541-546.	0.6	22
149	Transcriptional response to hypoxic stress in melanoma and prognostic potential of GBE1 and BNIP3. Oncotarget, 2017, 8, 108786-108801.	0.8	22
150	Unravelling the biology of human papillomavirus (HPV) related tumours to enhance their radiosensitivity. Cancer Treatment Reviews, 2010, 36, 629-636.	3.4	21
151	Locally advanced cervical cancer with bladder invasion: clinical outcomes and predictive factors for vesicovaginal fistulae. Oncotarget, 2018, 9, 9299-9310.	0.8	21
152	Differential Effect Triggered by a Heparan Mimetic of the RGTA Family Preventing Oral Mucositis Without Tumor Protection. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1242-1250.	0.4	20
153	Total recall of radiotherapy with mTOR inhibitors: a novel and potentially frequent side-effect?. Annals of Oncology, 2011, 22, 485-486.	0.6	20
154	Phase I dose-escalating study of ES-285 given as a three-hour intravenous infusion every three weeks in patients with advanced malignant solid tumors. Investigational New Drugs, 2012, 30, 2318-2326.	1.2	20
155	Editorial: Pannexin-1-the hidden gatekeeper for HIV-1. Journal of Leukocyte Biology, 2013, 94, 390-392.	1.5	20
156	Pulsed-dose rate brachytherapy for pediatric bladder prostate rhabdomyosarcoma: Compliance and early clinical results. Radiotherapy and Oncology, 2017, 124, 285-290.	0.3	20
157	Relationships between Regional Radiation Doses and Cognitive Decline in Children Treated with Cranio-Spinal Irradiation for Posterior Fossa Tumors. Frontiers in Oncology, 2017, 7, 166.	1.3	20
158	Minimal residual disease in solid neoplasia: New frontier or red-herring?. Cancer Treatment Reviews, 2012, 38, 101-110.	3.4	19
159	Functional Data Analysis in NTCP Modeling: A New Method to Explore the Radiation Dose-Volume Effects. International Journal of Radiation Oncology Biology Physics, 2014, 90, 654-663.	0.4	18
160	Phase I study of afatinib combined with nintedanib in patients with advanced solid tumours. British Journal of Cancer, 2015, 113, 1413-1420.	2.9	18
161	Pharmacological modulation of radiation-induced oral mucosal complications. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2018, 22, 429-437.	0.6	18
162	Radiobiology of brachytherapy: The historical view based on linear quadratic model and perspectives for optimization. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2018, 22, 312-318.	0.6	18

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163	Dosimetry-Driven Quality Measure of Brain Pseudo Computed Tomography Generated From Deep Learning for MRI-Only Radiation Therapy Treatment Planning. International Journal of Radiation Oncology Biology Physics, 2020, 108, 813-823.	0.4	18
164	Comprehensive analysis of patient outcome after local recurrence of locally advanced cervical cancer treated with concomitant chemoradiation and image-guided adaptive brachytherapy. Gynecologic Oncology, 2020, 157, 644-648.	0.6	18
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