Amir Abdollahi

List of Publications by Year
in descending order

133 papers	5,804 citations	81839 39 h-index	82499 72 g-index
138 all docs	138 docs citations	138 times ranked	8410 citing authors

#	Article	IF	Citations
1	Endostatin's Antiangiogenic Signaling Network. Molecular Cell, 2004, 13, 649-663.	4.5	375
2	Inhibition of platelet-derived growth factor signaling attenuates pulmonary fibrosis. Journal of Experimental Medicine, 2005, 201, 925-935.	4.2	345
3	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	5.8	237
4	Transcriptional Switch of Dormant Tumors to Fast-Growing Angiogenic Phenotype. Cancer Research, 2009, 69, 836-844.	0.4	223
5	Inhibition of αvβ3 Integrin Survival Signaling Enhances Antiangiogenic and Antitumor Effects of Radiotherapy. Clinical Cancer Research, 2005, 11, 6270-6279.	3.2	210
6	Evading tumor evasion: Current concepts and perspectives of anti-angiogenic cancer therapy. Drug Resistance Updates, 2010, 13, 16-28.	6.5	208
7	Transcriptional network governing the angiogenic switch in human pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12890-12895.	3.3	198
8	Trimodal Cancer Treatment: Beneficial Effects of Combined Antiangiogenesis, Radiation, and Chemotherapy. Cancer Research, 2005, 65, 3643-3655.	0.4	171
9	HPV16 DNA status is a strong prognosticator of loco-regional control after postoperative radiochemotherapy of locally advanced oropharyngeal carcinoma: Results from a multicentre explorative study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). Radiotherapy and Oncology, 2014, 113, 317-323.	0.3	141
10	MicroRNA expression after ionizing radiation in human endothelial cells. Radiation Oncology, 2010, 5, 25.	1.2	130
11	HPV status, cancer stem cell marker expression, hypoxia gene signatures and tumour volume identify good prognosis subgroups in patients with HNSCC after primary radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). Radiotherapy and Oncology, 2016, 121, 364-373.	0.3	130
12	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(−) HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DKTK-ROG. Clinical Cancer Research, 2016, 22, 2639-2649.	3.2	127
13	Combination of Vascular Endothelial Growth Factor Receptor/Platelet-Derived Growth Factor Receptor Inhibition Markedly Improves Radiation Tumor Therapy. Clinical Cancer Research, 2008, 14, 2210-2219.	3.2	125
14	Combined therapy with direct and indirect angiogenesis inhibition results in enhanced antiangiogenic and antitumor effects. Cancer Research, 2003, 63, 8890-8.	0.4	125
15	SU5416 and SU6668 attenuate the angiogenic effects of radiation-induced tumor cell growth factor production and amplify the direct anti-endothelial action of radiation in vitro. Cancer Research, 2003, 63, 3755-63.	0.4	124
16	Endostatin: The logic of antiangiogenic therapy. Drug Resistance Updates, 2005, 8, 59-74.	6.5	100
17	Tumor growth and angiogenesis are dependent on the presence of immature dendritic cells. FASEB Journal, 2010, 24, 1411-1418.	0.2	96
18	Simultaneous targeting of TGF-β/PD-L1 synergizes with radiotherapy by reprogramming the tumor microenvironment to overcome immune evasion. Cancer Cell, 2021, 39, 1388-1403.e10.	7.7	92

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19	Consensus transcriptome signature of perineural invasion in pancreatic carcinoma. Molecular Cancer Therapeutics, 2009, 8, 1494-1504.	1.9	91
20	Inhibition of Tumor Growth and Metastasis in Pancreatic Cancer Models by Interference With CD44v6 Signaling. Gastroenterology, 2016, 150, 513-525.e10.	0.6	78
21	Overcoming hypoxia-induced tumor radioresistance in non-small cell lung cancer by targeting DNA-dependent protein kinase in combination with carbon ion irradiation. Radiation Oncology, 2017, 12, 208.	1.2	75
22	Molecular profiling of long-term survivors identifies a subgroup of glioblastoma characterized by chromosome 19/20 co-gain. Acta Neuropathologica, 2015, 130, 419-434.	3.9	74
23	Oncogene addiction and radiation oncology: effect of radiotherapy with photons and carbon ions in ALK-EML4 translocated NSCLC. Radiation Oncology, 2018, 13, 1.	1.2	73
24	Next generation multi-scale biophysical characterization of high precision cancer particle radiotherapy using clinical proton, helium-, carbon- and oxygen ion beams. Oncotarget, 2016, 7, 56676-56689.	0.8	72
25	Computed Tomography Monitoring of Radiation-Induced Lung Fibrosis in Mice. Investigative Radiology, 2004, 39, 600-609.	3.5	64
26	Carbon irradiation overcomes glioma radioresistance by eradicating stem cells and forming an antiangiogenic and immunopermissive niche. JCI Insight, 2019, 4, .	2.3	63
27	Comparative analysis of transcriptomics based hypoxia signatures in head- and neck squamous cell carcinoma. Radiotherapy and Oncology, 2016, 118, 350-358.	0.3	62
28	Targeted next-generation sequencing of locally advanced squamous cell carcinomas of the head and neck reveals druggable targets for improving adjuvant chemoradiation. European Journal of Cancer, 2016, 57, 78-86.	1.3	62
29	Randomized phase II â€" study evaluating EGFR targeting therapy with Cetuximab in combination with radiotherapy and chemotherapy for patients with locally advanced pancreatic cancer â€" PARC: study protocol [ISRCTN56652283]. BMC Cancer, 2005, 5, 131.	1.1	61
30	Apoptosis signals in lymphoblasts induced by focused ultrasound. FASEB Journal, 2004, 18, 1413-1414.	0.2	58
31	Triple combination of irradiation, chemotherapy (pemetrexed), and VEGFR inhibition (SU5416) in human endothelial and tumor cells. International Journal of Radiation Oncology Biology Physics, 2004, 60, 1220-1232.	0.4	58
32	Interference of tumour mutational burden with outcome of patients with head and neck cancer treated with definitive chemoradiation: a multicentreÂretrospective study of the German Cancer Consortium Radiation Oncology Group. European Journal of Cancer, 2019, 116, 67-76.	1.3	58
33	Consensus Micro RNAs Governing the Switch of Dormant Tumors to the Fast-Growing Angiogenic Phenotype. PLoS ONE, 2012, 7, e44001.	1.1	53
34	The CD98 Heavy Chain Is a Marker and Regulator of Head and Neck Squamous Cell Carcinoma Radiosensitivity. Clinical Cancer Research, 2019, 25, 3152-3163.	3.2	53
35	Stem Cell-Specific Mechanisms Ensure Genomic Fidelity within HSCs and upon Aging of HSCs. Cell Reports, 2015, 13, 2412-2424.	2.9	48
36	Radiosensitivity of Patient-Derived Glioma Stem Cell 3-Dimensional Cultures to Photon, Proton, and Carbon Irradiation. International Journal of Radiation Oncology Biology Physics, 2016, 95, 112-119.	0.4	46

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37	Synergistic effects of crizotinib and radiotherapy in experimental EML4–ALK fusion positive lung cancer. Radiotherapy and Oncology, 2015, 114, 173-181.	0.3	43
38	Development and Validation of Single Field Multi-Ion Particle Therapy Treatments. International Journal of Radiation Oncology Biology Physics, 2020, 106, 194-205.	0.4	43
39	Fast robust dose calculation on GPU for high-precision 1H, 4He, 12C and 16O ion therapy: the FRoG platform. Scientific Reports, 2018, 8, 14829.	1.6	41
40	An R package for an integrated evaluation of statistical approaches to cancer incidence projection. BMC Medical Research Methodology, 2020, 20, 257.	1.4	41
41	Angiostatin regulates the expression of antiangiogenic and proapoptotic pathways via targeted inhibition of mitochondrial proteins. Blood, 2009, 114, 1987-1998.	0.6	39
42	Intensity-modulated proton therapy, volumetric-modulated arc therapy, and 3D conformal radiotherapy in anaplastic astrocytoma and glioblastoma. Strahlentherapie Und Onkologie, 2016, 192, 770-779.	1.0	39
43	Assessment of RBE-Weighted Dose Models for Carbon Ion Therapy Toward Modernization of Clinical Practice at HIT: In Vitro, in Vivo, and in Patients. International Journal of Radiation Oncology Biology Physics, 2020, 108, 779-791.	0.4	39
44	Ultra-High Dose Rate (FLASH) Carbon Ion Irradiation: Dosimetry and First Cell Experiments. International Journal of Radiation Oncology Biology Physics, 2022, 112, 1012-1022.	0.4	39
45	Biophysical modeling and experimental validation of relative biological effectiveness (RBE) for 4He ion beam therapy. Radiation Oncology, 2019, 14, 123.	1.2	37
46	FLASH with carbon ions: Tumor control, normal tissue sparing, and distal metastasis in a mouse osteosarcoma model. Radiotherapy and Oncology, 2022, 175, 185-190.	0.3	36
47	Somatic mutations and promotor methylation of the ryanodine receptor 2 is a common event in the pathogenesis of head and neck cancer. International Journal of Cancer, 2019, 145, 3299-3310.	2.3	34
48	FLASH Dose Rate Helium Ion Beams: First In Vitro Investigations. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1011-1022.	0.4	34
49	Impact of 18F-FET PET on Target Volume Definition and Tumor Progression of Recurrent High Grade Glioma Treated with Carbon-Ion Radiotherapy. Scientific Reports, 2018, 8, 7201.	1.6	33
50	A scalable CRISPR/Cas9-based fluorescent reporter assay to study DNA double-strand break repair choice. Nature Communications, 2020, 11, 4077.	5.8	33
51	Whole Blood Transcriptomics in Cardiac Surgery Identifies a Gene Regulatory Network Connecting Ischemia Reperfusion with Systemic Inflammation. PLoS ONE, 2010, 5, e13658.	1.1	33
52	Spatial transcriptome analysis reveals Notch pathway-associated prognostic markers in IDH1 wild-type glioblastoma involving the subventricular zone. BMC Medicine, 2016, 14, 170.	2.3	31
53	Identification of KIF11 As a Novel Target in Meningioma. Cancers, 2019, 11, 545.	1.7	31
54	Cellular Barcoding Identifies Clonal Substitution as a Hallmark of Local Recurrence in a Surgical Model of Head and Neck Squamous Cell Carcinoma. Cell Reports, 2018, 25, 2208-2222.e7.	2.9	30

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55	Stereotactic ablative body radiotherapy (SABR) combined with immunotherapy (L19-IL2) versus standard of care in stage IV NSCLC patients, ImmunoSABR: a multicentre, randomised controlled open-label phase II trial. BMC Cancer, 2020, 20, 557.	1.1	29
56	Subcellular Spatial Correlation of Particle Traversal and Biological Response in Clinical Ion Beams. International Journal of Radiation Oncology Biology Physics, 2013, 87, 1141-1147.	0.4	28
57	Deciphering the Acute Cellular Phosphoproteome Response to Irradiation with X-rays, Protons and Carbon Ions. Molecular and Cellular Proteomics, 2017, 16, 855-872.	2.5	27
58	Location-Dependent Patient Outcome and Recurrence Patterns in IDH1-Wildtype Glioblastoma. Cancers, 2019, 11, 122.	1.7	25
59	Engineering cell-fluorescent ion track hybrid detectors. Radiation Oncology, 2013, 8, 141.	1.2	24
60	SDF-1/CXCR4 expression is an independent negative prognostic biomarker in patients with head and neck cancer after primary radiochemotherapy. Radiotherapy and Oncology, 2018, 126, 125-131.	0.3	24
61	Charged Particle and Conventional Radiotherapy: Current Implications as Partner for Immunotherapy. Cancers, 2021, 13, 1468.	1.7	24
62	For the Next Trick: New Discoveries in Radiobiology Applied to Glioblastoma. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2014, , e95-e99.	1.8	22
63	Surfactant Expression Defines an Inflamed Subtype of Lung Adenocarcinoma Brain Metastases that Correlates with Prolonged Survival. Clinical Cancer Research, 2020, 26, 2231-2243.	3.2	21
64	Optimization of Monte Carlo particle transport parameters and validation of a novel high throughput experimental setup to measure the biological effects of particle beams. Medical Physics, 2017, 44, 6061-6073.	1.6	20
65	Identification of stable endogenous control genes for transcriptional profiling of photon, proton and carbon-ion irradiated cells. Radiation Oncology, 2012, 7, 70.	1.2	19
66	Deep abscopal response to radiotherapy and anti-PD-1 in an oligometastatic melanoma patient with unfavorable pretreatment immune signature. Cancer Immunology, Immunotherapy, 2020, 69, 1823-1832.	2.0	19
67	Deciphering Time-Dependent DNA Damage Complexity, Repair, and Oxygen Tension: A Mechanistic Model for FLASH-Dose-Rate Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 110, 574-586.	0.4	19
68	<i>LOC283731</i> promoter hypermethylation prognosticates survival after radiochemotherapy in IDH1 wildâ€type glioblastoma patients. International Journal of Cancer, 2016, 139, 424-432.	2.3	18
69	Dosimetric validation of Monte Carlo and analytical dose engines with raster-scanning 1H, 4He, 12C, and 16O ion-beams using an anthropomorphic phantom. Physica Medica, 2019, 64, 123-131.	0.4	18
70	Comparison of detection methods for HPV status as a prognostic marker for loco-regional control after radiochemotherapy in patients with HNSCC. Radiotherapy and Oncology, 2018, 127, 27-35.	0.3	17
71	KIF11 inhibitors filanesib and ispinesib inhibit meningioma growth in vitro and in vivo. Cancer Letters, 2021, 506, 1-10.	3.2	17
72	Quantitative assessment of radiation dose and fractionation effects on normal tissue by utilizing a novel lung fibrosis index model. Radiation Oncology, 2017, 12, 172.	1.2	16

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73	Spot-Scanning Hadron Arc (SHArc) Therapy: A Study With Light and Heavy Ions. Advances in Radiation Oncology, 2021, 6, 100661.	0.6	16
74	Genetic changes of non-small cell lung cancer under neoadjuvant therapy. Oncotarget, 2016, 7, 29761-29769.	0.8	16
75	Feasibility and robustness of dynamic 18F-FET PET based tracer kinetic models applied to patients with recurrent high-grade glioma prior to carbon ion irradiation. Scientific Reports, 2018, 8, 14760.	1.6	15
76	Deciphering the Systems Biology of mTOR Inhibition by Integrative Transcriptome Analysis. Current Pharmaceutical Design, 2014, 20, 88-100.	0.9	15
77	Application of fluorescent nuclear track detectors for cellular dosimetry. Physics in Medicine and Biology, 2017, 62, 2719-2740.	1.6	14
78	Isolation of time‐dependent DNA damage induced by energetic carbon ions and their fragments using fluorescent nuclear track detectors. Medical Physics, 2020, 47, 272-281.	1.6	14
79	FRoG: An independent dose and LET_d prediction tool for proton therapy at ProBeam® facilities. Medical Physics, 2020, 47, 5274-5286.	1.6	14
80	Modeling and multiscale characterization of the quantitative imaging based fibrosis index reveals pathophysiological, transcriptome and proteomic correlates of lung fibrosis induced by fractionated irradiation. International Journal of Cancer, 2019, 144, 3160-3173.	2.3	13
81	Mapping the Relative Biological Effectiveness of Proton, Helium and Carbon Ions with High-Throughput Techniques. Cancers, 2020, 12, 3658.	1.7	13
82	Neuroprotective Effects of Ultra-High Dose Rate FLASH Bragg Peak Proton Irradiation. International Journal of Radiation Oncology Biology Physics, 2022, 113, 614-623.	0.4	13
83	Comparative analysis of the effects of a sphingosine kinase inhibitor to temozolomide and radiation treatment on glioblastoma cell lines. Cancer Biology and Therapy, 2017, 18, 400-406.	1.5	12
84	Modeling the Effect of Hypoxia and DNA Repair Inhibition on Cell Survival After Photon Irradiation. International Journal of Molecular Sciences, 2019, 20, 6054.	1.8	12
85	Registration procedure for spatial correlation of physical energy deposition of particle irradiation and cellular response utilizing cell-fluorescent ion track hybrid detectors. Physics in Medicine and Biology, 2016, 61, N441-N460.	1.6	11
86	Combined external beam radiotherapy with carbon ions and tumor targeting endoradiotherapy. Oncotarget, 2018, 9, 29985-30004.	0.8	11
87	STED microscopy visualizes energy deposition of single ions in a solid-state detector beyond diffraction limit. Physics in Medicine and Biology, 2017, 62, N180-N190.	1.6	10
88	Comparison of GeneChip, nCounter, and Real-Time PCR–Based Gene Expressions Predicting Locoregional Tumor Control after Primary and Postoperative Radiochemotherapy in Head and Neck Squamous Cell Carcinoma. Journal of Molecular Diagnostics, 2020, 22, 801-810.	1.2	10
89	Uncovering cancer vulnerabilities by machine learning prediction of synthetic lethality. Molecular Cancer, 2021, 20, 111.	7.9	10
90	Radioresistance and Transcriptional Reprograming of Invasive Glioblastoma Cells. International Journal of Radiation Oncology Biology Physics, 2022, 112, 499-513.	0.4	10

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91	Rapid effective dose calculation for raster-scanning 4He ion therapy with the modified microdosimetric kinetic model (mMKM). Physica Medica, 2021, 81, 273-284.	0.4	10
92	Evolution of a Paradigm Switch in Diagnosis and Treatment of HPV-Driven Head and Neck Cancerâ€"Striking the Balance Between Toxicity and Cure. Frontiers in Pharmacology, 2021, 12, 753387.	1.6	10
93	Correlation of Particle Traversals with Clonogenic Survival Using Cell-Fluorescent Ion Track Hybrid Detector. Frontiers in Oncology, 2015, 5, 275.	1.3	9
94	Impact of post-surgical freezing delay on brain tumor metabolomics. Metabolomics, 2019, 15, 78.	1.4	9
95	Study of the intracellular nanoparticle-based radiosensitization mechanisms in F98 glioma cells treated with charged particle therapy through synchrotron-based infrared microspectroscopy. Analyst, The, 2020, 145, 2345-2356.	1.7	9
96	Personalized Assessment of Normal Tissue Radiosensitivity via Transcriptome Response to Photon, Proton and Carbon Irradiation in Patient-Derived Human Intestinal Organoids. Cancers, 2020, 12, 469.	1.7	9
97	Large scale <i>in vivo</i> microâ€RNA loss of function screen identified miRâ€29a, miRâ€100 and miRâ€155 as modulators of radioresistance and tumorâ€stroma communication. International Journal of Cancer, 2019, 144, 2774-2781.	2.3	8
98	Increased Radiation-Associated T-Cell Infiltration in Recurrent IDH-Mutant Glioma. International Journal of Molecular Sciences, 2020, 21, 7801.	1.8	8
99	A solidâ€phase transfection platform for arrayed CRISPR screens. Molecular Systems Biology, 2019, 15, e8983.	3.2	8
100	Gene Expression Signatures in the Peripheral Blood After Radiosurgery of Human Cerebral Arteriovenous Malformations. Strahlentherapie Und Onkologie, 2010, 186, 91-98.	1.0	7
101	Determining RBE for development of lung fibrosis induced by fractionated irradiation with carbon ions utilizing fibrosis index and high-LET BED model. Clinical and Translational Radiation Oncology, 2019, 14, 25-32.	0.9	7
102	Receptor-Tyrosine Kinase Inhibitor Ponatinib Inhibits Meningioma Growth In Vitro and In Vivo. Cancers, 2021, 13, 5898.	1.7	7
103	TableButler â€" a Windows based tool for processing large data tables generated with high-throughput methods. BMC Bioinformatics, 2009, 10, 235.	1.2	6
104	K-Ras and cyclooxygenase-2 coactivation augments intraductal papillary mucinous neoplasm and Notch1 mimicking human pancreas lesions. Scientific Reports, 2016, 6, 29455.	1.6	6
105	ERCC2 gene single-nucleotide polymorphism as a prognostic factor for locally advanced head and neck carcinomas after definitive cisplatin-based radiochemotherapy. Pharmacogenomics Journal, 2021, 21, 37-46.	0.9	6
106	Combined DNA Damage Repair Interference and Ion Beam Therapy: Development, Benchmark, and Clinical Implications of a Mechanistic Biological Model. International Journal of Radiation Oncology Biology Physics, 2022, 112, 802-817.	0.4	6
107	C-MORE: A high-content single-cell morphology recognition methodology for liquid biopsies toward personalized cardiovascular medicine. Cell Reports Medicine, 2021, 2, 100436.	3.3	6
108	Deep Learningâ€"based Automatic Lung Segmentation on Multiresolution CT Scans from Healthy and Fibrotic Lungs in Mice. Radiology: Artificial Intelligence, 2022, 4, e210095.	3.0	6

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109	The Impact of Sub-Millisecond Damage Fixation Kinetics on the In Vitro Sparing Effect at Ultra-High Dose Rate in UNIVERSE. International Journal of Molecular Sciences, 2022, 23, 2954.	1.8	6
110	Cetuximab, gemcitabine and radiotherapy in locally advanced pancreatic cancer: Long-term results of the randomized controlled phase II PARC trial. Clinical and Translational Radiation Oncology, 2022, 34, 15-22.	0.9	6
111	Biological Dose Optimization for Particle Arc Therapy Using Helium and Carbon Ions. International Journal of Radiation Oncology Biology Physics, 2022, 114, 334-348.	0.4	6
112	Differential transcriptome response to proton versus X-ray radiation reveals novel candidate targets for combinatorial PT therapy in lymphoma. Radiotherapy and Oncology, 2021, 155, 293-303.	0.3	5
113	Carbon ion dosimetry on a fluorescent nuclear track detector using widefield microscopy. Physics in Medicine and Biology, 2020, 65, 21NT02.	1.6	5
114	Analyses of molecular subtypes and their association to mechanisms of radioresistance in patients with HPV-negative HNSCC treated by postoperative radiochemotherapy. Radiotherapy and Oncology, 2022, 167, 300-307.	0.3	5
115	DNA-methylome-assisted classification of patients with poor prognostic subventricular zone associated IDH-wildtype glioblastoma. Acta Neuropathologica, 2022, 144, 129-142.	3.9	5
116	Prognostic Value of microRNA-221/2 and 17-92 Families in Primary Glioblastoma Patients Treated with Postoperative Radiotherapy. International Journal of Molecular Sciences, 2021, 22, 2960.	1.8	4
117	How can we consider variable RBE and LETd prediction during clinical practice? A pediatric case report at the Normandy Proton Therapy Centre using an independent dose engine. Radiation Oncology, 2022, 17, 23.	1.2	4
118	Development and validation of a 6-gene signature for the prognosis of loco-regional control in patients with HPV-negative locally advanced HNSCC treated by postoperative radio(chemo)therapy. Radiotherapy and Oncology, 2022, 171, 91-100.	0.3	4
119	AAMP is a binding partner of costimulatory human B7-H3. Neuro-Oncology Advances, 2022, 4, .	0.4	4
120	modelBuildR: an R package for model building and feature selection with erroneous classifications. PeerJ, 2021, 9, e10849.	0.9	3
121	Glioblastoma evolution pattern under surgery and radio(chemo)therapy (RCHT) to identify novel methylome based glioma subtypes.. Journal of Clinical Oncology, 2019, 37, 2012-2012.	0.8	3
122	Highâ€Complexity cellular barcoding and clonal tracing reveals stochastic and deterministic parameters of radiation resistance. International Journal of Cancer, 2022, 150, 663-677.	2.3	3
123	Assessment of Normal Tissue Radiosensitivity by Evaluating DNA Damage and Repair Kinetics in Human Brain Organoids. International Journal of Molecular Sciences, 2021, 22, 13195.	1.8	3
124	Tumor DNAâ€Methylome derived Epigenetic Fingerprint Identifies HPV â€negative Head and Neck Patients at Risk for Locoregional Recurrence after Postoperative Radiochemotherapy. International Journal of Cancer, 2021, 150, 603.	2.3	2
125	Efficacy of re-irradiation with carbon ions (RiCi) in patients with recurrent high-grade glioma (rHGG) compared to the standard re-irradiation with photons (RiP): The reference multicenter cohort of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG).. Journal of Clinical Oncology, 2019, 37, 2057-2057.	0.8	2
126	Whole Blood Transcriptional Fingerprints of High-Grade Glioma and Longitudinal Tumor Evolution under Carbon Ion Radiotherapy. Cancers, 2022, 14, 684.	1.7	2

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127	Impact of DNA Repair Kinetics and Dose Rate on RBE Predictions in the UNIVERSE. International Journal of Molecular Sciences, 2022, 23, 6268.	1.8	2
128	Biosensor for deconvolution of individual cell fate in response to ion beam irradiation. Cell Reports Methods, 2022, 2, 100169.	1.4	1
129	Systems Biology of Pancreatic Cancer: The Role of Tumor-Microenvironment Communication in Development, Progression and Therapy Resistance. , 2012, , 135-164.		0
130	Multimodal Therapies for Pancreatic Cancer. , 2014, , 39-73.		0
131	P11.07 LAPTM5 functions as a tumor suppressor via CD40 - NFÃªB pathway inhibition and represents a potential biomarker for temozolomide sensitivity in CD40 proficient glioblastoma. Neuro-Oncology, 2019, 21, iii43-iii43.	0.6	0
132	Synthetic phosphopeptides: From spike-in standards to affinity tools for protein-protein interaction studies. Analytical Biochemistry, 2019, 568, 73-77.	1.1	0
133	Clonal tumor evolution under induction chemotherapy and concurrent radiochemotherapy (RCHT) in patients with resectable stage IIIA (N2) and selected IIIb non-small cell lung cancer (NSCLC): Molecular analysis of the ESPATUE randomized phase III trial.. Journal of Clinical Oncology, 2019, 37, 8543-8543.	0.8	0