Constantinos Koumenis

List of Publications by Year
in descending order

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133 papers	16,421 citations	23544 58 h-index	15716 125 g-index
136 all docs	136 docs citations	136 times ranked	27630 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	ER stress-regulated translation increases tolerance to extreme hypoxia and promotes tumor growth. EMBO Journal, 2005, 24, 3470-3481.	3.5	634
3	Regulation of Protein Synthesis by Hypoxia via Activation of the Endoplasmic Reticulum Kinase PERK and Phosphorylation of the Translation Initiation Factor eIF2Î±. Molecular and Cellular Biology, 2002, 22, 7405-7416.	1.1	606
4	The GCN2-ATF4 pathway is critical for tumour cell survival and proliferation in response to nutrient deprivation. EMBO Journal, 2010, 29, 2082-2096.	3.5	535
5	Activating Transcription Factor 4 Is Translationally Regulated by Hypoxic Stress. Molecular and Cellular Biology, 2004, 24, 7469-7482.	1.1	381
6	Targeting ER stressâ€“induced autophagy overcomes BRAF inhibitor resistance in melanoma. Journal of Clinical Investigation, 2014, 124, 1406-1417.	3.9	352
7	ER stressâ€“mediated autophagy promotes Myc-dependent transformation and tumor growth. Journal of Clinical Investigation, 2012, 122, 4621-4634.	3.9	336
8	Gene expression during acute and prolonged hypoxia is regulated by distinct mechanisms of translational control. EMBO Journal, 2006, 25, 1114-1125.	3.5	328
9	Regulation of p53 by Hypoxia: Dissociation of Transcriptional Repression and Apoptosis from p53-Dependent Transactivation. Molecular and Cellular Biology, 2001, 21, 1297-1310.	1.1	326
10	The PERK/eIF2Î±/ATF4 module of the UPR in hypoxia resistance and tumor growth. Cancer Biology and Therapy, 2006, 5, 723-728.	1.5	307
11	Design, Implementation, and inÂVivo Validation of a Novel Proton FLASH Radiation Therapy System. International Journal of Radiation Oncology Biology Physics, 2020, 106, 440-448.	0.4	274
12	Perk-Dependent Translational Regulation Promotes Tumor Cell Adaptation and Angiogenesis in Response to Hypoxic Stress. Molecular and Cellular Biology, 2006, 26, 9517-9532.	1.1	264
13	PERK promotes cancer cell proliferation and tumor growth by limiting oxidative DNA damage. Oncogene, 2010, 29, 3881-3895.	2.6	252
14	Endoplasmic reticulum stress induces p53 cytoplasmic localization and prevents p53-dependent apoptosis by a pathway involving glycogen synthase kinase-3Â. Genes and Development, 2004, 18, 261-277.	2.7	232
15	GCN2 sustains mTORC1 suppression upon amino acid deprivation by inducing Sestrin2. Genes and Development, 2015, 29, 2331-2336.	2.7	211
16	ER Stress, Hypoxia Tolerance and Tumor Progression. Current Molecular Medicine, 2006, 6, 55-69.	0.6	210
17	ATF4-dependent induction of heme oxygenase 1 prevents anoikis and promotes metastasis. Journal of Clinical Investigation, 2015, 125, 2592-2608.	3.9	210
18	â€œTranslatingâ€•Tumor Hypoxia: Unfolded Protein Response (UPR)â€“Dependent and UPR-Independent Pathways. Molecular Cancer Research, 2006, 4, 423-436.	1.5	205

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19	miR-211 Is a Prosurvival MicroRNA that Regulates chop Expression in a PERK-Dependent Manner. Molecular Cell, 2012, 48, 353-364.	4.5	192
20	Inactivation of Interferon Receptor Promotes the Establishment of Immune Privileged Tumor Microenvironment. Cancer Cell, 2017, 31, 194-207.	7.7	179
21	Acid Suspends the Circadian Clock in Hypoxia through Inhibition of mTOR. Cell, 2018, 174, 72-87.e32.	13.5	172
22	Effects of Radiation Quality and Oxygen on Clustered DNA Lesions and Cell Death. Radiation Research, 2011, 176, 587-602.	0.7	171
23	Gut microbiota modulate dendritic cell antigen presentation and radiotherapy-induced antitumor immune response. Journal of Clinical Investigation, 2019, 130, 466-479.	3.9	159
24	ATF4 couples MYC-dependent translational activity to bioenergetic demands during tumour progression. Nature Cell Biology, 2019, 21, 889-899.	4.6	157
25	The Chemopreventive Agent Curcumin Is a Potent Radiosensitizer of Human Cervical Tumor Cells via Increased Reactive Oxygen Species Production and Overactivation of the Mitogen-Activated Protein Kinase Pathway. Molecular Pharmacology, 2008, 73, 1491-1501.	1.0	150
26	Inhibition of Fatty Acid Synthase Induces Endoplasmic Reticulum Stress in Tumor Cells. Cancer Research, 2007, 67, 1262-1269.	0.4	148
27	Control of the hypoxic response through regulation of mRNA translation. Seminars in Cell and Developmental Biology, 2005, 16, 487-501.	2.3	141
28	Dietary Curcumin Increases Antioxidant Defenses in Lung, Ameliorates Radiation-Induced Pulmonary Fibrosis, and Improves Survival in Mice. Radiation Research, 2010, 173, 590-601.	0.7	134
29	Preferential Cytotoxicity of Bortezomib toward Hypoxic Tumor Cells via Overactivation of Endoplasmic Reticulum Stress Pathways. Cancer Research, 2008, 68, 9323-9330.	0.4	126
30	An Interferon-Driven Oxysterol-Based Defense against Tumor-Derived Extracellular Vesicles. Cancer Cell, 2019, 35, 33-45.e6.	7.7	125
31	Development of a stress response therapy targeting aggressive prostate cancer. Science Translational Medicine, 2018, 10, .	5.8	124
32	Regulation of autophagy by canonical and non-canonical ER stress responses. Seminars in Cancer Biology, 2020, 66, 116-128.	4.3	120
33	ATF4, an ER Stress and Hypoxia-Inducible Transcription Factor and its Potential Role in Hypoxia Tolerance and Tumorigenesis. Current Molecular Medicine, 2009, 9, 411-416.	0.6	105
34	The DNA damage response in DNA-dependent protein kinase-deficient SCID mouse cells: Replication protein A hyperphosphorylation and p53 induction. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13825-13830.	3.3	93
35	Pancreatic cancer cells express 25-hydroxyvitamin D-1Â-hydroxylase and their proliferation is inhibited by the prohormone 25-hydroxyvitamin D3. Carcinogenesis, 2004, 25, 1015-1026.	1.3	93
36	Functional Interaction between Responses to Lactic Acidosis and Hypoxia Regulates Genomic Transcriptional Outputs. Cancer Research, 2012, 72, 491-502.	0.4	93

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37	c-Metâ€“mediated endothelial plasticity drives aberrant vascularization and chemoresistance in glioblastoma. Journal of Clinical Investigation, 2016, 126, 1801-1814.	3.9	92
38	Cell intrinsic and extrinsic activators of the unfolded protein response in cancer: Mechanisms and targets for therapy. Seminars in Cancer Biology, 2015, 33, 3-15.	4.3	90
39	A PERKâ€“miR-211 axis suppresses circadian regulators and protein synthesis to promote cancer cell survival. Nature Cell Biology, 2018, 20, 104-115.	4.6	86
40	Wnt-mediated endothelial transformation into mesenchymal stem cellâ€“like cells induces chemoresistance in glioblastoma. Science Translational Medicine, 2020, 12, .	5.8	86
41	Thioredoxin Reductase-1 Mediates Curcumin-Induced Radiosensitization of Squamous Carcinoma Cells. Cancer Research, 2010, 70, 1941-1950.	0.4	85
42	Transformed Cells Require Continuous Activity Of RNA Polymerase II To Resist Oncogene-Induced Apoptosis. Molecular and Cellular Biology, 1997, 17, 7306-7316.	1.1	83
43	Suppression of Type I Interferon Signaling Overcomes Oncogene-Induced Senescence and Mediates Melanoma Development and Progression. Cell Reports, 2016, 15, 171-180.	2.9	83
44	Targeting hypoxia tolerance in cancer. Drug Resistance Updates, 2004, 7, 25-40.	6.5	81
45	OSU-03012 Promotes Caspase-Independent but PERK-, Cathepsin B-, BID-, and AIF-Dependent Killing of Transformed Cells. Molecular Pharmacology, 2006, 70, 589-603.	1.0	80
46	Inhibition of Autophagy as a Strategy to Augment Radiosensitization by the Dual Phosphatidylinositol 3-Kinase/Mammalian Target of Rapamycin Inhibitor NVP-BEZ235. Molecular Pharmacology, 2012, 82, 1230-1240.	1.0	78
47	FLASH Proton Radiotherapy Spares Normal Epithelial and Mesenchymal Tissues While Preserving Sarcoma Response. Cancer Research, 2021, 81, 4808-4821.	0.4	77
48	Tachpyridine, a metal chelator, induces G2 cell-cycle arrest, activates checkpoint kinases, and sensitizes cells to ionizing radiation. Blood, 2005, 106, 3191-3199.	0.6	72
49	OSU-03012 Stimulates PKR-Like Endoplasmic Reticulum-Dependent Increases in 70-kDa Heat Shock Protein Expression, Attenuating Its Lethal Actions in Transformed Cells. Molecular Pharmacology, 2008, 73, 1168-1184.	1.0	72
50	Caspase-, cathepsin-, and PERK-dependent regulation of MDA-7/IL-24-induced cell killing in primary human glioma cells. Molecular Cancer Therapeutics, 2008, 7, 297-313.	1.9	71
51	miR-216b regulation of c-Jun mediates GADD153/CHOP-dependent apoptosis. Nature Communications, 2016, 7, 11422.	5.8	71
52	ER Translocation of the MAPK Pathway Drives Therapy Resistance in BRAF-Mutant Melanoma. Cancer Discovery, 2019, 9, 396-415.	7.7	71
53	AMPK Activation and Metabolic Reprogramming by Tamoxifen through Estrogen Receptorâ€“Independent Mechanisms Suggests New Uses for This Therapeutic Modality in Cancer Treatment. Cancer Research, 2016, 76, 3295-3306.	0.4	69
54	1Î±,25-Dihydroxyvitamin D3 (calcitriol) and its analogue, 19-nor-1Î±,25(OH)2D2, potentiate the effects of ionising radiation on human prostate cancer cells. British Journal of Cancer, 2003, 89, 746-753.	2.9	64

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55	Identification and Biological Evaluation of a Novel and Potent Small Molecule Radiation Sensitizer via an Unbiased Screen of a Chemical Library. Cancer Research, 2007, 67, 8791-8799.	0.4	64
56	Targeting ACLY sensitizes castration-resistant prostate cancer cells to AR antagonism by impinging on an ACLY-AMPK-AR feedback mechanism. Oncotarget, 2016, 7, 43713-43730.	0.8	62
57	Replication and Cytopathic Effect of Oncolytic Vesicular Stomatitis Virus in Hypoxic Tumor Cells In Vitro and In Vivo. Journal of Virology, 2004, 78, 8960-8970.	1.5	61
58	Vitamin D Receptor and p21/WAF1 Are Targets of Genistein and 1,25-Dihydroxyvitamin D3 in Human Prostate Cancer Cells. Cancer Research, 2004, 64, 2143-2147.	0.4	60
59	HIF-1Î± and p53: the ODD couple?. Trends in Biochemical Sciences, 2005, 30, 426-429.	3.7	60
60	Circadian rhythms. Brain Research Reviews, 1993, 18, 315-333.	9.1	59
61	Anti-tumorigenic effects of Type 1 interferon are subdued by integrated stress responses. Oncogene, 2013, 32, 4214-4221.	2.6	59
62	19-nor-1Î±,25-Dihydroxyvitamin D₂(Paricalcitol) inhibits the proliferation of human pancreatic cancer cells in vitro and in vivo. Cancer Biology and Therapy, 2008, 7, 430-436.	1.5	55
63	Modulation of CCAAT/Enhancer Binding Protein Homologous Protein (CHOP)-dependent DR5 Expression by Nelfinavir Sensitizes Glioblastoma Multiforme Cells to Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL). Journal of Biological Chemistry, 2011, 286, 29408-29416.	1.6	55
64	Human colon cancer stem cells are enriched by insulin-like growth factor-1 and are sensitive to figitumumab. Cell Cycle, 2011, 10, 2331-2338.	1.3	54
65	The PI3K/Akt Pathway Regulates Oxygen Metabolism via Pyruvate Dehydrogenase (PDH)-E1Î± Phosphorylation. Molecular Cancer Therapeutics, 2015, 14, 1928-1938.	1.9	54
66	PERK-dependent regulation of MDA-7/IL-24-induced autophagy in primary human glioma cells. Autophagy, 2008, 4, 513-515.	4.3	53
67	Type I interferons mediate pancreatic toxicities of PERK inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15420-15425.	3.3	52
68	A stromal Integrated Stress Response activates perivascular cancer-associated fibroblasts to drive angiogenesis and tumour progression. Nature Cell Biology, 2022, 24, 940-953.	4.6	52
69	Arachidonic acid-induced gene expression in colon cancer cells. Carcinogenesis, 2006, 27, 1950-1960.	1.3	48
70	Comparison of FLASH Proton Entrance and the Spread-Out Bragg Peak Dose Regions in the Sparing of Mouse Intestinal Crypts and in a Pancreatic Tumor Model. Cancers, 2021, 13, 4244.	1.7	48
71	In VivoProfiling of Hypoxic Gene Expression in Gliomas Using the Hypoxia Marker EF5 and Laser-capture Microdissection. Cancer Research, 2011, 71, 779-789.	0.4	47
72	PERK-ing up autophagy during MYC-induced tumorigenesis. Autophagy, 2013, 9, 612-614.	4.3	45

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73	MDA-7/IL-24â€“induced cell killing in malignant renal carcinoma cells occurs by a ceramide/CD95/PERKâ€“dependent mechanism. Molecular Cancer Therapeutics, 2009, 8, 1280-1291.	1.9	44
74	Regulation of GST-MDA-7 toxicity in human glioblastoma cells by ERBB1, ERK1/2, PI3K, and JNK1-3 pathway signaling. Molecular Cancer Therapeutics, 2008, 7, 314-329.	1.9	42
75	The Adenovirus E4orf6 Protein Inhibits DNA Double Strand Break Repair and Radiosensitizes Human Tumor Cells in an E1B-55K-independent Manner. Journal of Biological Chemistry, 2005, 280, 1474-1481.	1.6	41
76	Inducible Priming Phosphorylation Promotes Ligand-independent Degradation of the IFNAR1 Chain of Type I Interferon Receptor. Journal of Biological Chemistry, 2010, 285, 2318-2325.	1.6	41
77	Transcriptome analysis of hypoxic cancer cells uncovers intron retention in EIF2B5 as a mechanism to inhibit translation. PLoS Biology, 2017, 15, e2002623.	2.6	41
78	Role of p38 Protein Kinase in the Ligand-independent Ubiquitination and Down-regulation of the IFNAR1 Chain of Type I Interferon Receptor. Journal of Biological Chemistry, 2011, 286, 22069-22076.	1.6	40
79	Temporal DNA-PK activation drives genomic instability and therapy resistance in glioma stem cells. JCI Insight, 2018, 3, .	2.3	40
80	Radiosensitization by the PARP inhibitor olaparib in BRCA1-proficient and deficient high-grade serous ovarian carcinomas. Gynecologic Oncology, 2018, 150, 534-544.	0.6	35
81	Current delivery limitations of proton PBS for FLASH. Radiotherapy and Oncology, 2021, 155, 212-218.	0.3	35
82	Translational Upregulation of an Individual p21Cip1 Transcript Variant by GCN2 Regulates Cell Proliferation and Survival under Nutrient Stress. PLoS Genetics, 2015, 11, e1005212.	1.5	34
83	YAP1 enhances NF-Î²B-dependent and independent effects on clock-mediated unfolded protein responses and autophagy in sarcoma. Cell Death and Disease, 2018, 9, 1108.	2.7	34
84	Dual PI3K/mTOR inhibitor NVP-BEZ235 suppresses hypoxia-inducible factor (HIF)-1Î± expression by blocking protein translation and increases cell death under hypoxia. Cancer Biology and Therapy, 2012, 13, 1102-1111.	1.5	33
85	The chemopreventive and clinically used agent curcumin sensitizes HPV⁻but not HPV⁺HNSCC to ionizing radiation, in vitro and in a mouse orthotopic model. Cancer Biology and Therapy, 2012, 13, 575-584.	1.5	33
86	Activation of p38Î± stress-activated protein kinase drives the formation of the pre-metastatic niche in the lungs. Nature Cancer, 2020, 1, 603-619.	5.7	33
87	A Novel Mouse Model to Study Image-Guided, Radiation-Induced Intestinal Injury and Preclinical Screening of Radioprotectors. Cancer Research, 2017, 77, 908-917.	0.4	28
88	A Novel Mouse Model of Radiation-Induced Cardiac Injury Reveals Biological and Radiological Biomarkers of Cardiac Dysfunction with Potential Clinical Relevance. Clinical Cancer Research, 2021, 27, 2266-2276.	3.2	28
89	Hypoxia and the Unfolded Protein Response. Methods in Enzymology, 2007, 435, 275-293.	0.4	27
90	Precision Cardio-Oncology. Journal of Nuclear Medicine, 2019, 60, 443-450.	2.8	27

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91	Inhibitors of arachidonic acid metabolism act synergistically to signal apoptosis in neoplastic cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 73, 463-474.	1.0	26
92	The Hunt for Mechanisms of Circadian Timing in the Eye of Aplysia. Chronobiology International, 1992, 9, 201-221.	0.9	25
93	Signaling through alternative Integrated Stress Response pathways compensates for GCN2 loss in a mouse model of soft tissue sarcoma. Scientific Reports, 2015, 5, 11781.	1.6	25
94	The Adenoviral E4orf6 Protein Induces Atypical Apoptosis in Response to DNA Damage. Journal of Biological Chemistry, 2007, 282, 6061-6067.	1.6	24
95	p27 Is Essential for the Antiproliferative Action of 1,25-Dihydroxyvitamin D3 in Primary, but Not Immortalized, Mouse Embryonic Fibroblasts. Journal of Biological Chemistry, 2002, 277, 37301-37306.	1.6	22
96	The heat shock proteins as targets for radiosensitization and chemosensitization in cancer. Cancer Biology and Therapy, 2011, 12, 1023-1031.	1.5	22
97	Combination of CHEK1/2 inhibition and ionizing radiation results in abscopal tumor response through increased micronuclei formation. Oncogene, 2020, 39, 4344-4357.	2.6	22
98	PERK-dependent regulation of HSP70 expression and the regulation of autophagy. Autophagy, 2008, 4, 364-367.	4.3	21
99	Key biological mechanisms involved in high-LET radiation therapies with a focus on DNA damage and repair. Expert Reviews in Molecular Medicine, 2022, 24, e15.	1.6	21
100	Targeting PARP11 to avert immunosuppression and improve CAR T therapy in solid tumors. Nature Cancer, 2022, 3, 808-820.	5.7	21
101	Clinical measures, radiomics, and genomics offer synergistic value in AI-based prediction of overall survival in patients with glioblastoma. Scientific Reports, 2022, 12, .	1.6	20
102	Disruption of crosstalk between the fatty acid synthesis and proteasome pathways enhances unfolded protein response signaling and cell death. Molecular Cancer Therapeutics, 2008, 7, 3816-3824.	1.9	18
103	HIF and MIF--a nifty way to delay senescence?. Genes and Development, 2006, 20, 3337-3341.	2.7	17
104	Inhibition of Hsp27 Radiosensitizes Head-and-Neck Cancer by Modulating Deoxyribonucleic Acid Repair. International Journal of Radiation Oncology Biology Physics, 2013, 87, 168-175.	0.4	17
105	Synthetic Secoisolariciresinol Diglucoside (LGM2605) Protects Human Lung in an Ex Vivo Model of Proton Radiation Damage. International Journal of Molecular Sciences, 2017, 18, 2525.	1.8	16
106	LGM2605 Reduces Space Radiation-Induced NLRP3 Inflammasome Activation and Damage in In Vitro Lung Vascular Networks. International Journal of Molecular Sciences, 2019, 20, 176.	1.8	16
107	Characterization of a highâ€resolution 2D transmission ion chamber for independent validation of proton pencil beam scanning of conventional and FLASH dose delivery. Medical Physics, 2021, 48, 3948-3957.	1.6	16
108	Identification of Three Proteins in the Eye of Aplysia, Whose Synthesis Is Altered by Serotonin (5-HT). POSSIBLE INVOLVEMENT OF THESE PROTEINS IN THE OCULAR CIRCADIAN SYSTEM. Journal of Biological Chemistry, 1995, 270, 14619-14627.	1.6	13

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109	Controlled Cell Killing by a Recombinant Nonsegmented Negative-Strand RNA Virus. Virology, 2002, 293, 192-203.	1.1	12
110	Identification and Characterization of a Potent Activator of p53-Independent Cellular Senescence via a Small-Molecule Screen for Modifiers of the Integrated Stress Response. Molecular Pharmacology, 2013, 83, 594-604.	1.0	12
111	Novel Double-Hit Model of Radiation and Hyperoxia-Induced Oxidative Cell Damage Relevant to Space Travel. International Journal of Molecular Sciences, 2016, 17, 953.	1.8	12
112	Radiation Mitigating Properties of Intranasally Administered KL₄Surfactant in a Murine Model of Radiation-Induced Lung Damage. Radiation Research, 2017, 188, 571-584.	0.7	12
113	Assessing the Validity of Clinician Advice That Patients Avoid Use of Topical Agents Before Daily Radiotherapy Treatments. JAMA Oncology, 2018, 4, 1742.	3.4	12
114	Interleukin 6 Signaling Blockade Exacerbates Acute and Late Injury From Focal Intestinal Irradiation. International Journal of Radiation Oncology Biology Physics, 2019, 103, 719-727.	0.4	12
115	Location, Location, Location-Makes All the Difference for Hypoxia in Lung Tumors. Clinical Cancer Research, 2010, 16, 4685-4687.	3.2	11
116	Regulation of intercellular biomolecule transferâ€“driven tumor angiogenesis and responses to anticancer therapies. Journal of Clinical Investigation, 2021, 131, .	3.9	11
117	The Use of a Reversible Transcription Inhibitor, DRB, to Investigate the Involvement of Specific Proteins in the Ocular Circadian System of Aplysia. Journal of Biological Rhythms, 1996, 11, 45-56.	1.4	10
118	Evaluation of On- and Off-Line Bioluminescence Tomography System for Focal Irradiation Guidance. Radiation Research, 2016, 186, 592.	0.7	9
119	Effects on protein synthesis produced by pairing depolarization with serotonin, an analogue of associative learning in Aplysia.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 4150-4154.	3.3	8
120	A Human Genome-Wide RNAi Screen Reveals Diverse Modulators that Mediate IRE1Î±â€“XBP1 Activation. Molecular Cancer Research, 2018, 16, 745-753.	1.5	8
121	Pro-tumorigenic AMPK in glioblastoma. Nature Cell Biology, 2018, 20, 736-737.	4.6	7
122	Estrogen Receptor Î²-Mediated Inhibition of Actin-Based Cell Migration Suppresses Metastasis of Inflammatory Breast Cancer. Cancer Research, 2021, 81, 2399-2414.	0.4	7
123	The PKR-Like Endoplasmic Reticulum Kinase Promotes the Dissemination of Myc-Induced Leukemic Cells. Molecular Cancer Research, 2019, 17, 1450-1458.	1.5	5
124	Avoiding antiperspirants during breast radiation therapy: Myth or sound advice?. Radiotherapy and Oncology, 2017, 124, 204-207.	0.3	4
125	Shining a FLASHlight on Ultrahigh Dose-Rate Radiation and Possible Late Toxicity. Clinical Cancer Research, 0, , OF1-OF3.	3.2	4
126	Phase II Trial of Flaxseed to Prevent Acute Complications After Chemoradiation for Lung Cancer. Journal of Alternative and Complementary Medicine, 2021, 27, 824-831.	2.1	3

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127	Piling up the JNK: Drug synergy through ER stress. Cancer Biology and Therapy, 2009, 8, 820-822.	1.5	2
128	The role of autophagy as a mechanism of cytotoxicity by the clinically used agent MDA-7/IL-24.. Cancer Biology and Therapy, 2010, 9, 537-538.	1.5	2
129	In Vivo Interrogation of the Hypoxic Transcriptome of Solid Tumors: Optimizing Hypoxic Probe Labeling with Laser Capture Microdissection for Isolation of High-Quality RNA for Deep Sequencing Analysis. Advances in Experimental Medicine and Biology, 2016, 899, 41-58.	0.8	1
130	Loss of p19Arf Promotes Fibroblast Survival During Leucine Deprivation. Biology Open, 2022, , .	0.6	1
131	3173 A Mouse Model to Study Image-Guided, Radiation-Induced Cardiac Injury and Potential Clinically Targetable Biologic Mediators. Journal of Clinical and Translational Science, 2019, 3, 101-101.	0.3	0
132	Abstract IA-019: Preclinical studies with proton FLASH radiotherapy in mice and canines: Biological effects, biophysical considerations and potential mechanisms. , 2021, , .		0
133	The Unfolded Protein Response and Therapeutic Opportunities. Cancer Drug Discovery and Development, 2014, , 229-251.	0.2	0