Robert Griffin

List of Publications by Year
in descending order

181 papers	8,833 citations	47006 47 h-index	49909 87 g-index
185 all docs	185 docs citations	185 times ranked	10878 citing authors

#	Article	IF	Citations
1	Enhanced photothermal heating and combination therapy of NIR dye via conversion to self-assembled ionic nanomaterials. Journal of Materials Chemistry B, 2022, 10, 806-816.	5.8	15
2	Feasibility Study of 3D-VMAT-Based GRID Therapy. Technology in Cancer Research and Treatment, 2022, 21, 153303382210864.	1.9	2
3	Identification and functional characterization of multiple inositol polyphosphate phosphatase1 (Minpp1) isoform-2 in exosomes with potential to modulate tumor microenvironment. PLoS ONE, 2022, 17, e0264451.	2.5	4
4	HIF-1Î± Inhibition Improves Anti-Tumor Immunity and Promotes the Efficacy of Stereotactic Ablative Radiotherapy (SABR). Cancers, 2022, 14, 3273.	3.7	17
5	Spectroscopic investigation of radiation-induced reoxygenation in radiation-resistant tumors. Neoplasia, 2021, 23, 49-57.	5.3	7
6	Simultaneous exposure to chronic irradiation and simulated microgravity differentially alters immune cell phenotype in mouse thymus and spleen. Life Sciences in Space Research, 2021, 28, 66-73.	2.3	12
7	Dysbiotic stress increases the sensitivity of the tumor vasculature to radiotherapy and c-Met inhibitors. Angiogenesis, 2021, 24, 597-611.	7.2	3
8	37606 Enhanced radiation therapy using chlorin-e6 conjugated gold nanoparticles. Journal of Clinical and Translational Science, 2021, 5, 42-42.	0.6	0
9	Nanoscale investigation and control of photothermal action of gold nanostructure-coated surfaces. Journal of Materials Science, 2021, 56, 10249-10263.	3.7	3
10	Cystic fibrosis improves COVID-19 survival and provides clues for treatment of SARS-CoV-2. Purinergic Signalling, 2021, 17, 399-410.	2.2	12
11	Photothermal Response Induced by Nanocage-Coated Artificial Extracellular Matrix Promotes Neural Stem Cell Differentiation. Nanomaterials, 2021, 11, 1216.	4.1	11
12	Exosome Traceability and Cell Source Dependence on Composition and Cell-Cell Cross Talk. International Journal of Molecular Sciences, 2021, 22, 5346.	4.1	28
13	Role of miR-2392 in driving SARS-CoV-2 infection. Cell Reports, 2021, 37, 109839.	6.4	52
14	Nigella sativa extract kills pre-malignant and malignant oral squamous cell carcinoma cells. Journal of Herbal Medicine, 2021, 29, 100473.	2.0	8
15	MSC exosome-mediated cardioprotection in ischemic mouse heart comparative proteomics of infarct and peri-infarct areas. Molecular and Cellular Biochemistry, 2021, 476, 1691-1704.	3.1	20
16	Reply to Flugge: the anti-metastatic potential of methionine restriction in melanoma. Carcinogenesis, 2020, 41, 390-391.	2.8	0
17	3D cultures for modeling nanomaterial-based photothermal therapy. Nanoscale Horizons, 2020, 5, 400-430.	8.0	34
18	History and current perspectives on the biological effects of high-dose spatial fractionation and high dose-rate approaches: GRID, Microbeam & FLASH radiotherapy. British Journal of Radiology, 2020, 93, 20200217.	2.2	24

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19	Enhanced response of radioresistant carcinoma cell line to heterogeneous dose distribution of grid; the role of high-dose bystander effect. International Journal of Radiation Biology, 2020, 96, 1585-1596.	1.8	2
20	Glioma-derived exosomes drive the differentiation of neural stem cells to astrocytes. PLoS ONE, 2020, 15, e0234614.	2.5	14
21	Understanding High-Dose, Ultra-High Dose Rate, and Spatially Fractionated Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2020, 107, 766-778.	0.8	70
22	Exosomes as Naturally Occurring, Abundant Nanoscale Soft Materials: Potential as Biomarkers and Delivery Vehicles for Solving Biomedical Problems. , 2020, , 247-278.		1
23	Photon GRID Radiation Therapy: A Physics and Dosimetry White Paper from the Radiosurgery Society (RSS) GRID/LATTICE, Microbeam and FLASH Radiotherapy Working Group. Radiation Research, 2020, 194, 665-677.	1.5	32
24	Evidence for Early Stage Anti-Tumor Immunity Elicited by Spatially Fractionated Radiotherapy-Immunotherapy Combinations. Radiation Research, 2020, 194, 688-697.	1.5	29
25	The Technical and Clinical Implementation of LATTICE Radiation Therapy (LRT). Radiation Research, 2020, 194, 737-746.	1.5	42
26	Radiation Research Special Issue: New Beam Delivery Modalities are Shaping the Future of Radiotherapy. Radiation Research, 2020, 194, 567-570.	1.5	9
27	A Radiation Mitigator as a Potential Treatment for COVID-19. Radiation Research, 2020, 193, 505.	1.5	4
28	Indirect cell death and the LQ model in SBRT and SRS. Journal of Radiosurgery and SBRT, 2020, 7, 1-4.	0.2	1
29	Reoxygenation and Repopulation of Tumor Cells after Ablative Hypofractionated Radiotherapy (SBRT) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	25
30	Plasmonic Nanofactors as Switchable Devices to Promote or Inhibit Neuronal Activity and Function. Nanomaterials, 2019, 9, 1029.	4.1	7
31	Gastrointestinal Tract Dysbiosis Enhances Distal Tumor Progression through Suppression of Leukocyte Trafficking. Cancer Research, 2019, 79, 5999-6009.	0.9	21
32	Three discipline collaborative radiation therapy (3DCRT) special debate: The United States needs at least one carbon ion facility. Journal of Applied Clinical Medical Physics, 2019, 20, 6-13.	1.9	5
33	Enhanced Photothermal Treatment Efficacy and Normal Tissue Protection via Vascular Targeted Gold Nanocages. Nanotheranostics, 2019, 3, 145-155.	5.2	10
34	Three discipline collaborative radiation therapy (3 DCRT) special debate: I would treat all earlyâ€stage NSCLC patients with SBRT. Journal of Applied Clinical Medical Physics, 2019, 20, 7-13.	1.9	4
35	Label-Free Raman Spectroscopy Reveals Signatures of Radiation Resistance in the Tumor Microenvironment. Cancer Research, 2019, 79, 2054-2064.	0.9	53
36	Harnessing epigenetics and metabolism to modulate tissue response to radiotherapy. International Journal of Radiation Biology, 2019, 95, 379-381.	1.8	2

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37	Molecular events in MSC exosome mediated cytoprotection in cardiomyocytes. Scientific Reports, 2019, 9, 19276.	3.3	18
38	Glutaminase inhibitor CB-839 increases radiation sensitivity of lung tumor cells and human lung tumor xenografts in mice. International Journal of Radiation Biology, 2019, 95, 436-442.	1.8	77
39	Information Seeking Among Women Aged 18 to 25 About the Risk of Sexual Aggression. Journalism and Mass Communication Quarterly, 2019, 96, 239-263.	2.7	13
40	Mild hyperthermia enhances drug accumulation and photodynamic therapy efficacy. , 2019, , .		0
41	Testing Links Among Uncertainty, Affect, and Attitude Toward a Health Behavior. Science Communication, 2018, 40, 33-62.	3.3	31
42	The Future of Radiobiology. Journal of the National Cancer Institute, 2018, 110, 329-340.	6.3	76
43	Galectin-1-based tumour-targeting for gold nanostructure-mediated photothermal therapy. International Journal of Hyperthermia, 2018, 34, 19-29.	2.5	16
44	Rapid quantification of mitochondrial fractal dimension in individual cells. Biomedical Optics Express, 2018, 9, 5269.	2.9	9
45	Sample storage conditions induce post-collection biases in microbiome profiles. BMC Microbiology, 2018, 18, 227.	3.3	23
46	Tumor-endothelial cell interaction in an experimental model of human hepatocellular carcinoma. Experimental Cell Research, 2018, 372, 16-24.	2.6	10
47	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
48	Quantitative microinjection using fluorescence calibration of streaming microdroplets on a superhydrophobic surface. Experimental Cell Research, 2018, 370, 426-433.	2.6	0
49	Modulation of dietary methionine intake elicits potent, yet distinct, anticancer effects on primary versus metastatic tumors. Carcinogenesis, 2018, 39, 1117-1126.	2.8	24
50	Galectins as Molecular Targets for Therapeutic Intervention. International Journal of Molecular Sciences, 2018, 19, 905.	4.1	83
51	Hypoxia-derived exosomes induce putative altered pathways in biosynthesis and ion regulatory channels in glioblastoma cells. Biochemistry and Biophysics Reports, 2018, 14, 104-113.	1.3	65
52	A Radiosensitizing Inhibitor of HIF-1 alters the Optical Redox State of Human Lung Cancer Cells In Vitro. Scientific Reports, 2018, 8, 8815.	3.3	18
53	Quantitative diffuse reflectance spectroscopy of short-term changes in tumor oxygenation after radiation in a matched model of radiation resistance. Biomedical Optics Express, 2018, 9, 3794.	2.9	15
54	DNA Methylation in Radiation-Induced Carcinogenesis: Experimental Evidence and Clinical Perspectives. Critical Reviews in Oncogenesis, 2018, 23, 1-11.	0.4	8

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55	Advanced Small Animal Conformal Radiation Therapy Device. Technology in Cancer Research and Treatment, 2017, 16, 45-56.	1.9	23
56	Raman spectroscopy using plasmonic and carbon-based nanoparticles for cancer detection, diagnosis, and treatment guidance.Part 1: Diagnosis. Drug Metabolism Reviews, 2017, 49, 212-252.	3.6	17
57	Raman spectroscopy using plasmonic and carbon-based nanoparticles for cancer detection, diagnosis, and treatment guidance. Part 2: Treatment. Drug Metabolism Reviews, 2017, 49, 253-283.	3.6	16
58	Study of Image Qualities From 6D Robotâ€“Based CBCT Imaging System of Small Animal Irradiator. Technology in Cancer Research and Treatment, 2017, 16, 811-818.	1.9	4
59	Real-time monitoring of circulating tumor cell (CTC) release after nanodrug or tumor radiotherapy using inÂvivo flow cytometry. Biochemical and Biophysical Research Communications, 2017, 492, 507-512.	2.1	18
60	Triple-negative breast cancer targeting and killing by EpCAM-directed, plasmonically active nanodrug systems. Npj Precision Oncology, 2017, 1, 27.	5.4	34
61	Therapeutic Implications of Angiogenesis in Cancer. , 2017, , 171-216.		0
62	Modifying Dendritic Cell Activation with Plasmonic Nano Vectors. Scientific Reports, 2017, 7, 5513.	3.3	25
63	Optical imaging of radiation-induced metabolic changes in radiation-sensitive and resistant cancer cells. Journal of Biomedical Optics, 2017, 22, 060502.	2.6	19
64	Modelling responses to spatially fractionated radiation fields using preclinical image-guided radiotherapy. British Journal of Radiology, 2017, 90, 20160485.	2.2	14
65	Galectin-1 Inhibitor OTX008 Induces Tumor Vessel Normalization and Tumor Growth Inhibition in Human Head and Neck Squamous Cell Carcinoma Models. International Journal of Molecular Sciences, 2017, 18, 2671.	4.1	37
66	Germline Genetic Variants in TEK, ANGPT1, ANGPT2, MMP9, FGF2 and VEGFA Are Associated with Pathologic Complete Response to Bevacizumab in Breast Cancer Patients. PLoS ONE, 2017, 12, e0168550.	2.5	20
67	Further rationale for optimal combined modality treatments. Oncotarget, 2017, 8, 25831-25832.	1.8	0
68	In VivoFlow Cytometry of Circulating Tumor-Associated Exosomes. Analytical Cellular Pathology, 2016, 2016, 1-12.	1.4	20
69	High-circulating Tie2 Is Associated With Pathologic Complete Response to Chemotherapy and Antiangiogenic Therapy in Breast Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2016, 39, 248-254.	1.3	11
70	Spatially fractionated radiotherapy (GRID) using helical tomotherapy. Journal of Applied Clinical Medical Physics, 2016, 17, 396-407.	1.9	17
71	Radiobiological impact of dose calculation algorithms on biologically optimized IMRT lung stereotactic body radiation therapy plans. Radiation Oncology, 2016, 11, 10.	2.7	26
72	Three-dimensional conformal planning using low-segment multi-criteria optimization for hippocampal avoidance whole brain radiotherapy. Journal of Radiation Oncology, 2016, 5, 249-255.	0.7	1

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73	Application of Spatially Fractionated Radiation (GRID) to Helical Tomotherapy using a Novel TOMOGRID Template. Technology in Cancer Research and Treatment, 2016, 15, 91-100.	1.9	25
74	Glutamine drives glutathione synthesis and contributes to radiation sensitivity of A549 and H460 lung cancer cell lines. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 836-843.	2.4	101
75	Degenerative Tissue Responses to Space-like Radiation Doses in a Rodent Model of Simulated Microgravity. Annals of Clinical and Laboratory Science, 2016, 46, 190-7.	0.2	8
76	Combined temozolomide and ionizing radiation induces galectin-1 and galectin-3 expression in a model of human glioma. Tumor Microenvironment and Therapy, 2015, 2, .	1.2	5
77	Targeting Artificial Tumor Stromal Targets for Molecular Imaging of Tumor Vascular Hypoxia. PLoS ONE, 2015, 10, e0135607.	2.5	15
78	Indirect Tumor Cell Death After High-Dose Hypofractionated Irradiation: Implications forÂStereotactic Body Radiation Therapy and Stereotactic Radiation Surgery. International Journal of Radiation Oncology Biology Physics, 2015, 93, 166-172.	0.8	124
79	Combination of Gold Nanoparticle-Conjugated Tumor Necrosis Factor-Î± and Radiation Therapy Results in a Synergistic Antitumor Response in Murine Carcinoma Models. International Journal of Radiation Oncology Biology Physics, 2015, 93, 588-596.	0.8	52
80	High dose bystander effects in spatially fractionated radiation therapy. Cancer Letters, 2015, 356, 52-57.	7.2	89
81	Is Indirect Cell Death Involved in Response of Tumors to Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy?. International Journal of Radiation Oncology Biology Physics, 2014, 89, 924-925.	0.8	35
82	Molecular changes in bone marrow, tumor and serum after conductive ablation of murine 4T1 breast carcinoma. International Journal of Oncology, 2014, 44, 600-608.	3.3	3
83	Radiation-induced galectin-1 by endothelial cells: a promising molecular target for preferential drug delivery to the tumor vasculature. Journal of Molecular Medicine, 2013, 91, 497-506.	3.9	18
84	Nanoparticle Delivered Vascular Disrupting Agents (VDAs): Use of TNF-Alpha Conjugated Gold Nanoparticles for Multimodal Cancer Therapy. Molecular Pharmaceutics, 2013, 10, 1683-1694.	4.6	67
85	Nanotheranostics of Circulating Tumor Cells, Infections and Other Pathological Features in Vivo. Molecular Pharmaceutics, 2013, 10, 813-830.	4.6	59
86	Radiobiology of Stereotactic Body Radiation Therapy/Stereotactic Radiosurgery and the Linear-Quadratic Model. International Journal of Radiation Oncology Biology Physics, 2013, 87, 18-19.	0.8	112
87	Photothermal nanodrugs: potential of TNF-gold nanospheres for cancer theranostics. Scientific Reports, 2013, 3, 1293.	3.3	121
88	Hyperthermia-enhanced indocyanine green delivery for laser-induced thermal ablation of carcinomas. International Journal of Hyperthermia, 2013, 29, 474-479.	2.5	19
89	Blood Outgrowth Endothelial Cells Increase Tumor Growth Rates and Modify Tumor Physiology: Relevance for Therapeutic Targeting. Cancers, 2013, 5, 205-217.	3.7	9
90	Conductive thermal ablation of 4T1 murine breast carcinoma reduces severe hypoxia in surviving tumour. International Journal of Hyperthermia, 2012, 28, 156-162.	2.5	4

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91	Spatially Fractionated Radiation Induces Cytotoxicity and Changes in Gene Expression in Bystander and Radiation Adjacent Murine Carcinoma Cells. Radiation Research, 2012, 177, 751-765.	1.5	64
92	Microbeam Radiation Therapy Alters Vascular Architecture and Tumor Oxygenation and is Enhanced by a Galectin-1 Targeted Anti-Angiogenic Peptide. Radiation Research, 2012, 177, 804-812.	1.5	54
93	Radiation-Induced Vascular Damage in Tumors: Implications of Vascular Damage in Ablative Hypofractionated Radiotherapy (SBRT and SRS). Radiation Research, 2012, 177, 311-327.	1.5	438
94	Vascular Disrupting Agent Arsenic Trioxide Enhances Thermoradiotherapy of Solid Tumors. Journal of Oncology, 2012, 2012, 1-7.	1.3	9
95	The irradiation of bone: Old idea, new insight. Journal of Bone and Mineral Research, 2012, 27, 747-748.	2.8	4
96	Indocyanine green enhanced nearâ€infrared laser treatment of murine mammary carcinoma. International Journal of Cancer, 2012, 130, 1208-1215.	5.1	53
97	Bone metastasis: mechanisms and therapeutic opportunities. Nature Reviews Endocrinology, 2011, 7, 208-218.	9.6	333
98	Nanoparticle preconditioning for enhanced thermal therapies in cancer. Nanomedicine, 2011, 6, 545-563.	3.3	56
99	Tumor-Endothelial Cell Three-dimensional Spheroids: New Aspects to Enhance Radiation and Drug Therapeutics. Translational Oncology, 2011, 4, 365-IN3.	3.7	78
100	Radiobiology of Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy. Medical Radiology, 2011, , 51-61.	0.1	9
101	An alternating focused ultrasound system for thermal therapy studies in small animals. Medical Physics, 2011, 38, 1877-1887.	3.0	6
102	Dual thermal ablation modality of solid tumors in a mouse model. , 2011, , .		0
103	Experimental characterization of a SonoKnife applicator. , 2011, , .		0
104	SonoKnife: Feasibility of a lineâ€focused ultrasound device for thermal ablation therapy. Medical Physics, 2011, 38, 4372-4385.	3.0	6
105	Synthesis of [¹⁸F]anginex with high specific activity [¹⁸F]fluorobenzaldehyde for targeting angiogenic activity in solid tumors. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 708-713.	1.0	3
106	Indocyanine green enhanced near infrared laser treatment of SCK tumors in a mouse model pilot study. , 2011, , .		0
107	Tumour thermotolerance, a physiological phenomenon involving vessel normalisation. International Journal of Hyperthermia, 2011, 27, 42-52.	2.5	24
108	SU-C-BRB-01: Spatially Fractionated Radiation Therapy (GRID) Using a TomoTherapy Unit. Medical Physics, 2011, 38, 3369-3369.	3.0	2

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109	Pegylated IFN-Î± sensitizes melanoma cells to chemotherapy and causes premature senescence in endothelial cells by IRF-1-mediated signaling. Cell Death and Disease, 2010, 1, e67-e67.	6.3	13
110	Quantitative Proteomics Reveals Myosin and Actin as Promising Saliva Biomarkers for Distinguishing Pre-Malignant and Malignant Oral Lesions. PLoS ONE, 2010, 5, e11148.	2.5	93
111	Prevention and Mitigation of Acute Death of Mice after Abdominal Irradiation by the Antioxidant N-Acetyl-cysteine (NAC). Radiation Research, 2010, 173, 579-589.	1.5	50
112	Repression of Multiple Myeloma Growth and Preservation of Bone with Combined Radiotherapy and Anti-angiogenic Agent. Radiation Research, 2010, 173, 809-817.	1.5	13
113	Mild temperature hyperthermia and radiation therapy: Role of tumour vascular thermotolerance and relevant physiological factors. International Journal of Hyperthermia, 2010, 26, 256-263.	2.5	65
114	Conductive interstitial thermal therapy (CITT) inhibits recurrence and metastasis in rabbit VX2 carcinoma model. International Journal of Hyperthermia, 2009, 25, 446-454.	2.5	9
115	Dead or alive? Autofluorescence distinguishes heat-fixed from viable cells. International Journal of Hyperthermia, 2009, 25, 355-363.	2.5	27
116	Multi-Angle Switched HIFU: A New Ultrasound Device for Controlled Non-Invasive Induction of Small Spherical Ablation Zonesâ€"Simulation and Ex-Vivo Results. , 2009, , .		0
117	Mechanisms of bone metastases of breast cancer. Endocrine-Related Cancer, 2009, 16, 703-713.	3.1	98
118	Ototoxicity after combined platinum and fractionated radiation in a novel guinea pig model. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2009, 30, 1-7.	1.3	10
119	Novel insulin-like growth factor-methotrexate covalent conjugate inhibits tumor growth in vivo at lower dosage than methotrexate alone. Translational Research, 2009, 153, 275-282.	5.0	10
120	Commentary on classic paper in hyperthermic oncology â€˜Tumour oxygenation is increased by hyperthermia at mild temperaturesâ€™ by CW Song et al., 1996. International Journal of Hyperthermia, 2009, 25, 96-98.	2.5	7
121	Spatially fractionated (GRID) therapy for large and bulky tumors. The Journal of the Arkansas Medical Society, 2009, 105, 263-5.	0.1	7
122	After the Flood. Science Communication, 2008, 29, 285-315.	3.3	299
123	Ovarian tumor growth regression using a combination of vascular targeting agents anginex or topomimetic 0118 and the chemotherapeutic irofulven. Cancer Letters, 2008, 265, 270-280.	7.2	48
124	Proteomics Analysis of Cells in Whole Saliva from Oral Cancer Patients via Value-added Three-dimensional Peptide Fractionation and Tandem Mass Spectrometry. Molecular and Cellular Proteomics, 2008, 7, 486-498.	3.8	86
125	Scheduling of Radiation with Angiogenesis Inhibitors Anginex and Avastin Improves Therapeutic Outcome via Vessel Normalization. Clinical Cancer Research, 2007, 13, 3395-3402.	7.0	270
126	Use of a Fluorescently Labeled Poly-Caspase Inhibitor for in Vivo Detection of Apoptosis Related to Vascular-Targeting Agent Arsenic Trioxide for Cancer Therapy. Technology in Cancer Research and Treatment, 2007, 6, 651-654.	1.9	26

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127	Upregulation of NAD(P)H:Quinone Oxidoreductase By Radiation Potentiates the Effect of Bioreductive Î²-Lapachone on Cancer Cells. Neoplasia, 2007, 9, 634-642.	5.3	67
128	Nanotherapeutics for enhancing thermal therapy of cancer. International Journal of Hyperthermia, 2007, 23, 501-511.	2.5	54
129	Opioids Induce Renal Abnormalities in Tumor-Bearing Mice. Nephron Experimental Nephrology, 2007, 105, e80-e89.	2.2	22
130	Systemic inhibition of tumour angiogenesis by endothelial cell-based gene therapy. British Journal of Cancer, 2007, 97, 513-522.	6.4	38
131	COX-2 inhibitor celecoxib prevents chronic morphine-induced promotion of angiogenesis, tumour growth, metastasis and mortality, without compromising analgesia. British Journal of Cancer, 2007, 97, 1523-1531.	6.4	191
132	Antiangiogenesis therapy using a novel angiogenesis inhibitor, anginex, following radiation causes tumor growth delay. International Journal of Clinical Oncology, 2007, 12, 42-47.	2.2	33
133	Enhancement of tumor thermal therapy using gold nanoparticleâ€“assisted tumor necrosis factor-Î± delivery. Molecular Cancer Therapeutics, 2006, 5, 1014-1020.	4.1	249
134	Radiosensitization of tumor cells by modulation of ATM kinase. International Journal of Radiation Biology, 2006, 82, 277-283.	1.8	17
135	Influence of Tumor pH on Therapeutic Response. , 2006, , 21-42.		56
136	Susceptibility of cancer cells to Î²-lapachone is enhanced by ionizing radiation. International Journal of Radiation Oncology Biology Physics, 2005, 61, 212-219.	0.8	55
137	Preferential action of arsenic trioxide in solid-tumor microenvironment enhances radiation therapy. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1516-1522.	0.8	29
138	Anginex synergizes with radiation therapy to inhibit tumor growth by radiosensitizing endothelial cells. International Journal of Cancer, 2005, 115, 312-319.	5.1	81
139	Hyperthermic Enhancement of Tumor Radiosensitization Strategies. Immunological Investigations, 2005, 34, 343-359.	2.0	22
140	A Catalogue of Human Saliva Proteins Identified by Free Flow Electrophoresis-based Peptide Separation and Tandem Mass Spectrometry. Molecular and Cellular Proteomics, 2005, 4, 1826-1830.	3.8	142
141	Heat-Induced Up-Regulation of NAD(P)H:Quinone Oxidoreductase Potentiates Anticancer Effects of Î²-Lapachone. Clinical Cancer Research, 2005, 11, 8866-8871.	7.0	38
142	Implications of increased tumor blood flow and oxygenation caused by mild temperature hyperthermia in tumor treatment. International Journal of Hyperthermia, 2005, 21, 761-767.	2.5	248
143	Assessing pH and Oxygenation in Cryotherapy-induced Cytotoxicity and Tissue Response to Freezing. Technology in Cancer Research and Treatment, 2004, 3, 245-251.	1.9	4
144	Effect of pH on radiation-induced p53 expression. International Journal of Radiation Oncology Biology Physics, 2004, 60, 1264-1271.	0.8	17

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145	Information Sufficiency and Risk Communication. Media Psychology, 2004, 6, 23-61.	3.6	257
146	Detection of apoptotic cells in whole saliva of patients with oral premalignant and malignant lesions: A preliminary study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 97, 465-470.	1.4	31
147	Study of arsenic trioxide-induced vascular shutdown and enhancement with radiation in solid tumor. Radiation Medicine, 2004, 22, 205-11.	0.8	17
148	Sensitization of thermotolerant SCK cells to hyperthermia and freezing with reduction of intracellular pH: Implications for cryosurgery. Journal of Surgical Oncology, 2003, 82, 160-169.	1.7	6
149	Cytotoxicity of perillyl alcohol against cancer cells is potentiated by hyperthermia. International Journal of Radiation Oncology Biology Physics, 2003, 57, 813-819.	0.8	14
150	Studying Heuristic-Systematic Processing of Risk Communication. Risk Analysis, 2003, 23, 355-368.	2.7	164
151	Influence of Environmental pH on G2-Phase Arrest Caused by Ionizing Radiation. Radiation Research, 2003, 159, 86-93.	1.5	37
152	Role of sphingomyelin-MAPKs pathway in heat-induced apoptosis. Experimental and Molecular Medicine, 2003, 35, 181-188.	7.7	26
153	Arsenic trioxide induces selective tumour vascular damage via oxidative stress and increases thermosensitivity of tumours. International Journal of Hyperthermia, 2003, 19, 575-589.	2.5	35
154	Linking the Heuristic-Systematic Model and Depth of Processing. Communication Research, 2002, 29, 705-732.	5.9	192
155	Simultaneous inhibition of the receptor kinase activity of vascular endothelial, fibroblast, and platelet-derived growth factors suppresses tumor growth and enhances tumor radiation response. Cancer Research, 2002, 62, 1702-6.	0.9	113
156	Improvement of Tumor Oxygenation by Mild Hyperthermia. Radiation Research, 2001, 155, 515-528.	1.5	156
157	Theoretical and Experimental Basis of Hyperthermia. , 2001, , 394-407.		11
158	Effect of a Combination of Mild-Temperature Hyperthermia and Nicotinamide on the Radiation Response of Experimental Tumors. Radiation Research, 2000, 153, 327-331.	1.5	12
159	Apoptosis and Cell Cycle Progression in an Acidic Environment after Irradiation. Radiation Research, 2000, 153, 295-304.	1.5	28
160	A Novel Drug to Reduce Tumor Perfusion: Antitumor Effect Alone and with Hyperthermia. Radiation Research, 2000, 154, 202-207.	1.5	9
161	Use of Arsenic Trioxide as an Antivascular and Thermosensitizing Agent in Solid Tumors. Neoplasia, 2000, 2, 555-560.	5.3	53
162	Reduction of tumour blood flow with KB-R8498 potentiates the response of tumours to hyperthermia. International Journal of Hyperthermia, 1999, 15, 1-6.	2.5	3

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163	Radiosensitization of two murine tumours with mild temperature hyperthermia and carbogen breathing. International Journal of Radiation Biology, 1999, 75, 1299-1306.	1.8	34
164	Proposed Model of the Relationship of Risk Information Seeking and Processing to the Development of Preventive Behaviors. Environmental Research, 1999, 80, S230-S245.	7.5	823
165	Arsenic trioxide causes selective necrosis in solid murine tumors by vascular shutdown. Cancer Research, 1999, 59, 6033-7.	0.9	105
166	The optimal combination of hyperthermia and carbogen breathing to increase tumor oxygenation and radiation response. International Journal of Radiation Oncology Biology Physics, 1998, 42, 865-869.	0.8	11
167	Tumor Oxygenation after Mild-Temperature Hyperthermia in Combination with Carbogen Breathing: Dependence on Heat Dose and Tumor Type. Radiation Research, 1998, 149, 294.	1.5	30
168	Radioprotection of the rat intestinal mucosa by tirilazad. International Journal of Radiation Biology, 1998, 73, 219-223.	1.8	6
169	Tumor oxygenation after mild-temperature hyperthermia in combination with carbogen breathing: dependence on heat dose and tumor type. Radiation Research, 1998, 149, 294-9.	1.5	8
170	Local Hyperthermic Treatment of Solid Tumors: Interplay Between Thermal Dose and Physiological Parameters. , 1998, , .		0
171	Radiation-induced apoptosis in different pH environments in vitro. International Journal of Radiation Oncology Biology Physics, 1997, 38, 1079-1087.	0.8	43
172	Improvement of tumor oxygenation status by mild temperature hyperthermia alone or in combination with carbogen. Seminars in Oncology, 1997, 24, 626-32.	2.2	51
173	Total lymphoid irradiation, without intrathymic injection of donor cells, induces indefinite acceptance of heart but not islet or skin allografts in rats. Transplant International, 1996, 9, S372-S378.	1.6	5
174	Radiosensitization of hypoxic tumor cells in vitro by nitric oxide. International Journal of Radiation Oncology Biology Physics, 1996, 36, 377-383.	0.8	49
175	Tumour pO2 can be increased markedly by mild hyperthermia. The British Journal of Cancer Supplement, 1996, 27, S217-21.	0.1	22
176	Mild temperature hyperthermia combined with carbogen breathing increases tumor partial pressure of oxygen (pO2) and radiosensitivity. Cancer Research, 1996, 56, 5590-3.	0.9	35
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#	Article	IF	Citations
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