Sydney M Evans

List of Publications by Year
in descending order

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56 papers	2,971 citations	159585 30 h-index	175258 52 g-index
57 all docs	57 docs citations	57 times ranked	3427 citing authors

#	Article	IF	Citations
1	Initial evidence that blood-borne microvesicles are biomarkers for recurrence and survival in newly diagnosed glioblastoma patients. Journal of Neuro-Oncology, 2016, 127, 391-400.	2.9	36
2	Improved Methods to Generate Spheroid Cultures from Tumor Cells, Tumor Cells & Fibroblasts or Tumor-Fragments: Microenvironment, Microvesicles and MiRNA. PLoS ONE, 2015, 10, e0133895.	2.5	28
3	Optimizing Hypoxia Detection and Treatment Strategies. Seminars in Nuclear Medicine, 2015, 45, 163-176.	4.6	40
4	Pharmacokinetic and Pharmacodynamic Modifiers of EF5 Uptake and Binding. Journal of Nuclear Medicine, 2015, 56, 653.1-653.	5.0	3
5	Microvesicles as a Biomarker for Tumor Progression versus Treatment Effect in Radiation/Temozolomide-Treated Glioblastoma Patients. Translational Oncology, 2014, 7, 752-758.	3.7	49
6	Biodegradable Polymersomes for the Delivery of Gemcitabine to Panc-1 Cells. Journal of Pharmaceutics, 2013, 2013, 1-10.	4.7	3
7	Mechanisms of blood flow and hypoxia production in rat 9L-epigastric tumors. Tumor Microenvironment and Therapy, 2012, 1, 1-13.	1.2	23
8	Radiation Dosimetry and Biodistribution of the Hypoxia Tracer 18F-EF5 in Oncologic Patients. Cancer Biotherapy and Radiopharmaceuticals, 2012, 27, 412-419.	1.0	15
9	Re: Devic etÂal. (Int J Radiat Oncol Biol Phys 2010;78:1555â€“1562). International Journal of Radiation Oncology Biology Physics, 2011, 81, 902.	0.8	0
10	In Regard to Brown etÂal. (Int J Radiat Oncol Biol Phys 2010;78:323â€“327). International Journal of Radiation Oncology Biology Physics, 2011, 80, 1604-1605.	0.8	1
11	In VivoProfiling of Hypoxic Gene Expression in Gliomas Using the Hypoxia Marker EF5 and Laser-capture Microdissection. Cancer Research, 2011, 71, 779-789.	0.9	47
12	Biodistribution and dosimetry of 18F-EF5 in cancer patients with preliminary comparison of 18F-EF5 uptake versus EF5 binding in human glioblastoma. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 2048-2059.	6.4	55
13	The Relationship among Hypoxia, Proliferation, and Outcome in Patients with De Novo Glioblastoma: A Pilot Study. Translational Oncology, 2010, 3, 160-169.	3.7	47
14	Epidermal Growth Factor Receptor Inhibition Modulates the Microenvironment by Vascular Normalization to Improve Chemotherapy and Radiotherapy Efficacy. PLoS ONE, 2009, 4, e6539.	2.5	110
15	The radiation response of cells from 9L gliosarcoma tumours is correlated with [F18]-EF5 uptake. International Journal of Radiation Biology, 2009, 85, 1137-1147.	1.8	21
16	Hypoxia in Brain Tumors. Neurosurgery Quarterly, 2009, 19, 1-12.	0.1	4
17	18F-EF5: A New PET Tracer for Imaging Hypoxia in Head and Neck Cancer. Journal of Nuclear Medicine, 2008, 49, 1944-1951.	5.0	182
18	Imaging and Analytical Methods as Applied to the Evaluation of Vasculature and Hypoxia in Human Brain Tumors. Radiation Research, 2008, 170, 677-690.	1.5	48

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19	Biology of Cancer. , 2008, , 3-22.		1
20	Quantitative comparison of tissue oxygen and motexafin lutetium uptake by ex vivo and noninvasive in vivo techniques in patients with intraperitoneal carcinomatosis. Journal of Biomedical Optics, 2007, 12, 034023.	2.6	15
21	Bone marrow transplantation for feline mucopolysaccharidosis I. Molecular Genetics and Metabolism, 2007, 91, 239-250.	1.1	24
22	Patterns and Levels of Hypoxia in Head and Neck Squamous Cell Carcinomas and Their Relationship to Patient Outcome. International Journal of Radiation Oncology Biology Physics, 2007, 69, 1024-1031.	0.8	54
23	In situ oxygen utilization in the rat intervertebral disc. Journal of Anatomy, 2007, 210, 294-303.	1.5	42
24	Oxygen Levels in Normal and Previously Irradiated Human Skin as Assessed by EF5 Binding. Journal of Investigative Dermatology, 2006, 126, 2596-2606.	0.7	105
25	EF5 binding and clinical outcome in human soft tissue sarcomas. International Journal of Radiation Oncology Biology Physics, 2006, 64, 922-927.	0.8	55
26	Nelfinavir Down-regulates Hypoxia-Inducible Factor 1Î± and VEGF Expression and Increases Tumor Oxygenation: Implications for Radiotherapy. Cancer Research, 2006, 66, 9252-9259.	0.9	147
27	Comparative Measurements of Hypoxia in Human Brain Tumors Using Needle Electrodes and EF5 Binding. Cancer Research, 2004, 64, 1886-1892.	0.9	198
28	Hypoxia Is Important in the Biology and Aggression of Human Glial Brain Tumors. Clinical Cancer Research, 2004, 10, 8177-8184.	7.0	299
29	Hypoxia and Photofrin Uptake in the Intraperitoneal Carcinomatosis and Sarcomatosis of Photodynamic Therapy Patients. Clinical Cancer Research, 2004, 10, 4630-4638.	7.0	57
30	Prognostic significance of tumor oxygenation in humans. Cancer Letters, 2003, 195, 1-16.	7.2	259
31	Non-Invasive PET and Spect Imaging of Tissue Hypoxia Using Isotopically Labeled 2-Nitroimidazoles. Advances in Experimental Medicine and Biology, 2003, 510, 285-292.	1.6	81
32	Quantitative Spatial Analysis of Hypoxia and Vascular Perfusion in Tumor Sections. Advances in Experimental Medicine and Biology, 2003, 510, 37-43.	1.6	7
33	Radiosensitization of hypoxic tumor cells by dodecafluoropentane: a gas-phase perfluorochemical emulsion. Cancer Research, 2002, 62, 3626-9.	0.9	25
34	Hypoxia and VEGF mRNA Expression in Human Tumors. Neoplasia, 2001, 3, 500-508.	5.3	50
35	Hypoxic Heterogeneity in Human Tumors. American Journal of Clinical Oncology: Cancer Clinical Trials, 2001, 24, 467-472.	1.3	118
36	Hypoxia in human intraperitoneal and extremity sarcomas. International Journal of Radiation Oncology Biology Physics, 2001, 49, 587-596.	0.8	40

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37	Low pO2 and Î²-Estradiol Induce VEGF in MCF-7 and MCF-7-5C Cells: Relationship to in vivo Hypoxia. Breast Cancer Research and Treatment, 2001, 67, 51-60.	2.5	23
38	Hypoxia and necrosis in rat 9L glioma and Morris 7777 hepatoma tumors: comparative measurements using EF5 binding and the Eppendorf needle electrode. International Journal of Radiation Oncology Biology Physics, 2000, 46, 1005-1017.	0.8	53
39	Allograft Dermal Implant (AlloDerm) in a Previously Irradiated Field. Laryngoscope, 2000, 110, 934-937.	2.0	54
40	Synthesis of new hypoxia markers EF1 and [18F]-EF1. Applied Radiation and Isotopes, 1999, 51, 643-650.	1.5	33
41	Treatment with soybean-derived Bowman Birk inhibitor increases serum prostate-specific antigen concentration while suppressing growth of human prostate cancer xenografts in nude mice. , 1999, 41, 243-252.		31
42	Permanent Anatomic Closure of the Ductus Arteriosus in Newborn Baboons: The Roles of Postnatal Constriction, Hypoxia, and Gestation. Pediatric Research, 1999, 45, 19-29.	2.3	128
43	MIBG inhibits respiration: potential for radio- and hyperthermic sensitization. International Journal of Radiation Oncology Biology Physics, 1998, 42, 871-876.	0.8	44
44	A model of wound healing in chronically radiation-damaged rat skin. Cancer Letters, 1998, 128, 71-78.	7.2	22
45	Co-Localization of Hypoxia and Apoptosis in Irradiated and Untreated HCT116 Human Colon Carcinoma Xenografts. Advances in Experimental Medicine and Biology, 1998, 454, 611-618.	1.6	4
46	Tissue Oxygen Sensing and the Carotid Body. Advances in Experimental Medicine and Biology, 1998, 454, 447-454.	1.6	4
47	Interlaboratory variation in oxygen tension measurement by Eppendorf â€œHistographâ€•and comparison with hypoxic marker. , 1997, 66, 30-38.		71
48	Analysis of tumor thiol concentrations: Comparison of flow cytometric with chemical and biochemical techniques. Cytometry, 1997, 29, 76-82.	1.8	12
49	Imaging Hypoxia and Blood Flow in Normal Tissues. Advances in Experimental Medicine and Biology, 1997, 428, 585-593.	1.6	17
50	BONE MARROW TRANSPLANTATION IN NEWBORN RATS WITH MUCOPOLYSACCHARIDOSIS TYPE VI. Transplantation, 1997, 63, 1386-1393.	1.0	22
51	Cysteine concentrations in rodent tumors: Unexpectedly high values may cause therapy resistance. , 1996, 67, 661-667.		23
52	Radiation plus local hyperthermia versus radiation plus the combination of local and whole-body hyperthermia in canine sarcomas. International Journal of Radiation Oncology Biology Physics, 1996, 34, 1087-1096.	0.8	38
53	Radiation response and other characteristics of the 9l rat glioma grown as an epigastric tissue isolate. Radiation Oncology Investigations, 1994, 2, 134-143.	0.9	5
54	Protection against Metastasis of Radiation-Induced Thymic Lymphosarcoma and Weight Loss in C57Bl/6NCr1BR Mice by an Autoclave-Resistant Factor Present in Soybeans. Radiation Research, 1992, 132, 259.	1.5	17

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55	Technique, pharmacokinetics, toxicity, and efficacy of intratumoral etanidazole and radiotherapy for treatment spontaneous feline oral squamous cell carcinoma. International Journal of Radiation Oncology Biology Physics, 1991, 20, 703-708.	0.8	37
56	Response of human neuroblastoma and melanoma multicellular tumor spheroids (MTS) to single dose irradiation. International Journal of Radiation Oncology Biology Physics, 1986, 12, 969-973.	0.8	12