

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	Hypoxia Is Important in the Biology and Aggression of Human Glial Brain Tumors. <i>Clinical Cancer Research</i> , 2004, 10, 8177-8184.	7.0	299
2	Prognostic significance of tumor oxygenation in humans. <i>Cancer Letters</i> , 2003, 195, 1-16.	7.2	259
3	Comparative Measurements of Hypoxia in Human Brain Tumors Using Needle Electrodes and EF5 Binding. <i>Cancer Research</i> , 2004, 64, 1886-1892.	0.9	198
4	18F-EF5: A New PET Tracer for Imaging Hypoxia in Head and Neck Cancer. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1944-1951.	5.0	182
5	Nelfinavir Down-regulates Hypoxia-Inducible Factor 1 α and VEGF Expression and Increases Tumor Oxygenation: Implications for Radiotherapy. <i>Cancer Research</i> , 2006, 66, 9252-9259.	0.9	147
6	Permanent Anatomic Closure of the Ductus Arteriosus in Newborn Baboons: The Roles of Postnatal Constriction, Hypoxia, and Gestation. <i>Pediatric Research</i> , 1999, 45, 19-29.	2.3	128
7	Hypoxic Heterogeneity in Human Tumors. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2001, 24, 467-472.	1.3	118
8	Epidermal Growth Factor Receptor Inhibition Modulates the Microenvironment by Vascular Normalization to Improve Chemotherapy and Radiotherapy Efficacy. <i>PLoS ONE</i> , 2009, 4, e6539.	2.5	110
9	Oxygen Levels in Normal and Previously Irradiated Human Skin as Assessed by EF5 Binding. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2596-2606.	0.7	105
10	Non-Invasive PET and Spect Imaging of Tissue Hypoxia Using Isotopically Labeled 2-Nitroimidazoles. <i>Advances in Experimental Medicine and Biology</i> , 2003, 510, 285-292.	1.6	81
11	Interlaboratory variation in oxygen tension measurement by Eppendorf μ Histogramm and comparison with hypoxic marker. , 1997, 66, 30-38.		71
12	Hypoxia and Photofrin Uptake in the Intraperitoneal Carcinomatosis and Sarcomatosis of Photodynamic Therapy Patients. <i>Clinical Cancer Research</i> , 2004, 10, 4630-4638.	7.0	57
13	EF5 binding and clinical outcome in human soft tissue sarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 922-927.	0.8	55
14	Biodistribution and dosimetry of 18F-EF5 in cancer patients with preliminary comparison of 18F-EF5 uptake versus EF5 binding in human glioblastoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 2048-2059.	6.4	55
15	Allograft Dermal Implant (AlloDerm) in a Previously Irradiated Field. <i>Laryngoscope</i> , 2000, 110, 934-937.	2.0	54
16	Patterns and Levels of Hypoxia in Head and Neck Squamous Cell Carcinomas and Their Relationship to Patient Outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1024-1031.	0.8	54
17	Hypoxia and necrosis in rat 9L glioma and Morris 7777 hepatoma tumors: comparative measurements using EF5 binding and the Eppendorf needle electrode. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 1005-1017.	0.8	53
18	Hypoxia and VEGF mRNA Expression in Human Tumors. <i>Neoplasia</i> , 2001, 3, 500-508.	5.3	50

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19	Microvesicles as a Biomarker for Tumor Progression versus Treatment Effect in Radiation/Temozolomide-Treated Glioblastoma Patients. <i>Translational Oncology</i> , 2014, 7, 752-758.	3.7	49
20	Imaging and Analytical Methods as Applied to the Evaluation of Vasculature and Hypoxia in Human Brain Tumors. <i>Radiation Research</i> , 2008, 170, 677-690.	1.5	48
21	The Relationship among Hypoxia, Proliferation, and Outcome in Patients with De Novo Glioblastoma: A Pilot Study. <i>Translational Oncology</i> , 2010, 3, 160-169.	3.7	47
22	<i>In Vivo</i> Profiling of Hypoxic Gene Expression in Gliomas Using the Hypoxia Marker EF5 and Laser-capture Microdissection. <i>Cancer Research</i> , 2011, 71, 779-789.	0.9	47
23	MIBG inhibits respiration: potential for radio- and hyperthermic sensitization. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 42, 871-876.	0.8	44
24	In situ oxygen utilization in the rat intervertebral disc. <i>Journal of Anatomy</i> , 2007, 210, 294-303.	1.5	42
25	Hypoxia in human intraperitoneal and extremity sarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 49, 587-596.	0.8	40
26	Optimizing Hypoxia Detection and Treatment Strategies. <i>Seminars in Nuclear Medicine</i> , 2015, 45, 163-176.	4.6	40
27	Radiation plus local hyperthermia versus radiation plus the combination of local and whole-body hyperthermia in canine sarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 1087-1096.	0.8	38
28	Technique, pharmacokinetics, toxicity, and efficacy of intratumoral etanidazole and radiotherapy for treatment spontaneous feline oral squamous cell carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1991, 20, 703-708.	0.8	37
29	Initial evidence that blood-borne microvesicles are biomarkers for recurrence and survival in newly diagnosed glioblastoma patients. <i>Journal of Neuro-Oncology</i> , 2016, 127, 391-400.	2.9	36
30	Synthesis of new hypoxia markers EF1 and [18F]-EF1. <i>Applied Radiation and Isotopes</i> , 1999, 51, 643-650.	1.5	33
31	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
32	Improved Methods to Generate Spheroid Cultures from Tumor Cells, Tumor Cells & Fibroblasts or Tumor-Fragments: Microenvironment, Microvesicles and MiRNA. <i>PLoS ONE</i> , 2015, 10, e0133895.	2.5	28
33	Radiosensitization of hypoxic tumor cells by dodecafluoropentane: a gas-phase perfluorochemical emulsion. <i>Cancer Research</i> , 2002, 62, 3626-9.	0.9	25
34	Bone marrow transplantation for feline mucopolysaccharidosis I. <i>Molecular Genetics and Metabolism</i> , 2007, 91, 239-250.	1.1	24
35	Cysteine concentrations in rodent tumors: Unexpectedly high values may cause therapy resistance. , 1996, 67, 661-667.		23
36	Low pO ₂ and ¹⁷ β-Estradiol Induce VEGF in MCF-7 and MCF-7-5C Cells: Relationship to in vivo Hypoxia. <i>Breast Cancer Research and Treatment</i> , 2001, 67, 51-60.	2.5	23

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37	Mechanisms of blood flow and hypoxia production in rat 9L-epigastric tumors. Tumor Microenvironment and Therapy, 2012, 1, 1-13.	1.2	23
38	A model of wound healing in chronically radiation-damaged rat skin. Cancer Letters, 1998, 128, 71-78.	7.2	22
39	BONE MARROW TRANSPLANTATION IN NEWBORN RATS WITH MUCOPOLYSACCHARIDOSIS TYPE VI. Transplantation, 1997, 63, 1386-1393.	1.0	22
40	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
41	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
42	Imaging Hypoxia and Blood Flow in Normal Tissues. Advances in Experimental Medicine and Biology, 1997, 428, 585-593.	1.6	17
43	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
44	Radiation Dosimetry and Biodistribution of the Hypoxia Tracer 18F-EF5 in Oncologic Patients. Cancer Biotherapy and Radiopharmaceuticals, 2012, 27, 412-419.	1.0	15
45	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
46	Analysis of tumor thiol concentrations: Comparison of flow cytometric with chemical and biochemical techniques. Cytometry, 1997, 29, 76-82.	1.8	12
47	Quantitative Spatial Analysis of Hypoxia and Vascular Perfusion in Tumor Sections. Advances in Experimental Medicine and Biology, 2003, 510, 37-43.	1.6	7
48	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
49	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
50	Hypoxia in Brain Tumors. Neurosurgery Quarterly, 2009, 19, 1-12.	0.1	4
51	Tissue Oxygen Sensing and the Carotid Body. Advances in Experimental Medicine and Biology, 1998, 454, 447-454.	1.6	4
52	Biodegradable Polymersomes for the Delivery of Gemcitabine to Panc-1 Cells. Journal of Pharmaceutics, 2013, 2013, 1-10.	4.7	3
53	Pharmacokinetic and Pharmacodynamic Modifiers of EF5 Uptake and Binding. Journal of Nuclear Medicine, 2015, 56, 653.1-653.	5.0	3
54	Biology of Cancer. , 2008, , 3-22.		1

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55	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
56	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