

John R Griffiths

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,846
citations

430874

18
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

3036
citing authors

#	ARTICLE	IF	CITATIONS
1	MRS <i>in vivo</i> : A Short Historical Review. NMR in Biomedicine, 2022, , .	2.8	1
2	HIF-1-Independent Mechanisms Regulating Metabolic Adaptation in Hypoxic Cancer Cells. Cells, 2021, 10, 2371.	4.1	41
3	How and Why Are Cancers Acidic? Carbonic Anhydrase IX and the Homeostatic Control of Tumour Extracellular pH. Cancers, 2020, 12, 1616.	3.7	69
4	NMR in biomedicine will publish papers on the study body fluids by NMR methods. NMR in Biomedicine, 2019, 32, e4071.	2.8	0
5	Membership of the Editorial Advisory Board. NMR in Biomedicine, 2019, 32, e4047.	2.8	0
6	Carbonic anhydrase IX is a pH-stat that sets an acidic tumour extracellular pH in vivo. British Journal of Cancer, 2018, 119, 622-630.	6.4	93
7	NMR in Biomedicine 30th Anniversary Volume Message from the Editor-in-Chief. NMR in Biomedicine, 2018, 31, e3953.	2.8	0
8	Classification of brain tumours from MR spectra: the INTERPRET collaboration and its outcomes. NMR in Biomedicine, 2015, 28, 1772-1787.	2.8	19
9	Illustrious Special Issues and Reviews Editor Chris Boesch hands over to Klaas Nicolay. NMR in Biomedicine, 2014, 27, 113-115.	2.8	0
10	The androgen receptor fuels prostate cancer by regulating central metabolism and biosynthesis. EMBO Journal, 2011, 30, 2719-2733.	7.8	530
11	Adaptation to HIF-1 deficiency by upregulation of the AMP/ATP ratio and phosphofructokinase activation in hepatomas. BMC Cancer, 2011, 11, 198.	2.6	23
12	The altered metabolism of tumors: HIF-1 and its role in the Warburg effect. Advances in Enzyme Regulation, 2010, 50, 44-55.	2.6	69
13	Dysregulation of hypoxia pathways in fumarate hydratase-deficient cells is independent of defective mitochondrial metabolism. Human Molecular Genetics, 2010, 19, 3844-3851.	2.9	91
14	NMR in biomedicine at 20. NMR in Biomedicine, 2008, 21, 1-1.	2.8	4
15	Metabolic profiling of hypoxia-inducible factor-1 ² -deficient and wild type Hepa-1 cells: effects of hypoxia measured by ¹ H magnetic resonance spectroscopy. Metabolomics, 2006, 1, 293-303.	3.0	15
16	Assessing the superposition of the intramuscular determinants of VO ₂ kinetics during ramp ^{incremental} and ramp ^{decremental} exercise in humans. FASEB Journal, 2006, 20, A411.	0.5	0
17	Opportunities for studying cancer by metabolomics: preliminary observations on tumors deficient in hypoxia-inducible factor 1. Advances in Enzyme Regulation, 2003, 43, 67-76.	2.6	47
18	Metabolic changes detected by in vivo magnetic resonance studies of HEPA-1 wild-type tumors and tumors deficient in hypoxia-inducible factor-1beta (HIF-1beta): evidence of an anabolic role for the HIF-1 pathway. Cancer Research, 2002, 62, 688-95.	0.9	86

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19	In vivo hyperpolarized ^{129}Xe NMR spectroscopy in tumors. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 586-591.	3.0	27
20	A comparative investigation into the effect of chronic alcohol feeding on the myocardium of normotensive and hypertensive rats: An electrophoretic and biochemical study. <i>Electrophoresis</i> , 2000, 21, 2454-2462.	2.4	19
21	Comparison of in vivo ^1H MRS of human brain tumours with ^1H HR-MAS spectroscopy of intact biopsy samples in vitro. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1999, 8, 121-128.	2.0	77
22	Assessment of induced rat mammary tumour response to chemotherapy using the apparent diffusion coefficient of tissue water as determined by diffusion-weighted ^1H -NMR spectroscopy in vivo. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1999, 8, 20-26.	2.0	15
23	Tumour response to hypercapnia and hyperoxia monitored by FLOOD magnetic resonance imaging. <i>NMR in Biomedicine</i> , 1999, 12, 98-106.	2.8	78
24	Measurement of the extracellular pH of solid tumours in mice by magnetic resonance spectroscopy: a comparison of exogenous ^{19}F and ^{31}P probes. <i>NMR in Biomedicine</i> , 1999, 12, 495-504.	2.8	206
25	Causes and consequences of acidic pH in tumors: a magnetic resonance study. <i>Advances in Enzyme Regulation</i> , 1999, 39, 13-30.	2.6	74
26	Tumour response to hypercapnia and hyperoxia monitored by FLOOD magnetic resonance imaging. <i>NMR in Biomedicine</i> , 1999, 12, 98-106.	2.8	1
27	Pattern recognition analysis of ^1H NMR spectra from perchloric acid extracts of human brain tumor biopsies. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 869-877.	3.0	70
28	Pre-treatment energy status of primary rat tumours as the best predictor of response to 5-fluorouracil chemotherapy: a magnetic resonance spectroscopy study in vivo. <i>Cancer Chemotherapy and Pharmacology</i> , 1998, 42, 201-209.	2.3	14
29	Modification of Tumour Perfusion and Oxygenation Monitored by Gradient Recalled Echo MRI and ^{31}P MRS. , 1996, 9, 208-216.		27
30	Effect of Vasoactive Drugs on Tumour Blood Flow as Determined by ^2H Nuclear Magnetic Resonance Spectroscopy. <i>Acta Oncol³gica</i> , 1995, 34, 367-371.	1.8	10
31	Editorial changes. <i>NMR in Biomedicine</i> , 1992, 5, i-i.	2.8	0
32	Non ³ invasive MRS in new anticancer drug development. <i>NMR in Biomedicine</i> , 1992, 5, 270-272.	2.8	15
33	Potential artefacts from overlying tissues in ^{31}p NMR spectra of subcutaneously implanted rat tumours. <i>NMR in Biomedicine</i> , 1989, 1, 165-170.	2.8	19
34	Inosine-induced vasoconstriction and glucose secretion in the perfused rat liver. <i>Biochemical Society Transactions</i> , 1984, 12, 1126-1127.	3.4	0
35	Detection of glycogen in a glycogen storage disease by ^{13}C nuclear magnetic resonance. <i>FEBS Letters</i> , 1982, 150, 489-493.	2.8	48
36	Rapid formation of spermine in skeletal muscle during tetanic stimulation. <i>FEBS Letters</i> , 1981, 123, 186-188.	2.8	9

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37	Regulation in vivo of Phosphorylase b in Skeletal Muscle of Phosphorylase Kinase-Deficient Mice. Biochemical Society Transactions, 1978, 6, 164-166.	3.4	2
38	A More General Definition of <i>K_m</i> . Biochemical Society Transactions, 1978, 6, 258-260.	3.4	6
39	Conformational Changes in Glycogen Phosphorylase Studied with a Spin-Label Probe. FEBS Journal, 1976, 61, 237-242.	0.2	17
40	Heterotropic Interactions of Ligands with Phosphorylase b. FEBS Journal, 1976, 61, 243-251.	0.2	18
41	Conformational Changes Associated with Transient Activation of Phosphorylase in Glycogen Particles. Studies Using Activity, Electron-Spin-Resonance and Phosphorus-Nuclear-Magnetic-Resonance Measurements. FEBS Journal, 1976, 63, 23-31.	0.2	6