James R Larkin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4392254/publications.pdf

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37	1,661	430442	344852
papers	citations	18	36
		h-index	g-index

37	37	37	3163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective blood-brain barrier permeabilization of brain metastases by a type 1 receptor-selective tumor necrosis factor mutein. Neuro-Oncology, 2022, 24, 52-63.	0.6	6
2	Metabolomic Biomarkers in Blood Samples Identify Cancers in a Mixed Population of Patients with Nonspecific Symptoms. Clinical Cancer Research, 2022, 28, 1651-1661.	3.2	28
3	Inhibition of Anti-Inflammatory Macrophage Phenotype Reduces Tumour Growth in Mouse Models of Brain Metastasis. Frontiers in Oncology, 2022, 12, 850656.	1.3	1
4	Quantitative chemical exchange saturation transfer imaging of nuclear overhauser effects in acute ischemic stroke. Magnetic Resonance in Medicine, 2022, , .	1.9	2
5	VCAM-1â€“targeted MRI Improves Detection of the Tumor-brain Interface. Clinical Cancer Research, 2022, 28, 2385-2396.	3.2	7
6	Study of common quantification methods of amide proton transfer magnetic resonance imaging for ischemic stroke detection. Magnetic Resonance in Medicine, 2021, 85, 2188-2200.	1.9	9
7	Magnetic Resonance pH Imaging in Stroke â€“ Combining the Old With the New. Frontiers in Physiology, 2021, 12, 793741.	1.3	1
8	Imaging of translocator protein upregulation is selective for proâ€inflammatory polarized astrocytes and microglia. Glia, 2020, 68, 280-297.	2.5	85
9	STAT3-Mediated Astrocyte Reactivity Associated with Brain Metastasis Contributes to Neurovascular Dysfunction. Cancer Research, 2020, 80, 5642-5655.	0.4	18
10	A novel molecular magnetic resonance imaging agent targeting activated leukocyte cell adhesion molecule as demonstrated in mouse brain metastasis models. Journal of Cerebral Blood Flow and Metabolism, 2020, 41, 0271678X2096894.	2.4	16
11	Does the magnetization transfer effect bias chemical exchange saturation transfer effects? Quantifying chemical exchange saturation transfer in the presence of magnetization transfer. Magnetic Resonance in Medicine, 2020, 84, 1359-1375.	1.9	3
12	Improving Delineation of True Tumor Volume With Multimodal MRI in a Rat Model of Brain Metastasis. International Journal of Radiation Oncology Biology Physics, 2020, 106, 1028-1038.	0.4	8
13	Development of Therapeutic Anti-JAGGED1 Antibodies for Cancer Therapy. Molecular Cancer Therapeutics, 2019, 18, 2030-2042.	1.9	31
14	Tumor pH and Protein Concentration Contribute to the Signal of Amide Proton Transfer Magnetic Resonance Imaging. Cancer Research, 2019, 79, 1343-1352.	0.4	52
15	Activation of the unfolded protein response in high glucose treated endothelial cells is mediated by methylglyoxal. Scientific Reports, 2019, 9, 7889.	1.6	69
16	Quantitative blood flow measurement in rat brain with multiphase arterial spin labelling magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1557-1569.	2.4	33
17	Sensitivity of Multiphase Pseudocontinuous Arterial Spin Labelling (MP pCASL) Magnetic Resonance Imaging for Measuring Brain and Tumour Blood Flow in Mice. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.4	10
18	13C Pyruvate Transport Across the Blood-Brain Barrier in Preclinical Hyperpolarised MRI. Scientific Reports, 2018, 8, 15082.	1.6	43

#	Article	IF	Citations
19	Optimization of molecularly targeted MRI in the brain: empirical comparison of sequences and particles. International Journal of Nanomedicine, 2018, Volume 13, 4345-4359.	3.3	15
20	Covalent assembly of nanoparticles as a peptidase-degradable platform for molecular MRI. Nature Communications, 2017, 8, 14254.	5.8	46
21	Anti-inflammatory Microglia/Macrophages As a Potential Therapeutic Target in Brain Metastasis. Frontiers in Oncology, 2017, 7, 251.	1.3	71
22	OP05. ARTERIAL SPIN LABELLING MRI OF CEREBRAL TUMOURS IN RATS. Neuro-Oncology, 2017, 19, i25-i25.	0.6	0
23	Early Diagnosis of Brain Metastases Using a Biofluids-Metabolomics Approach in Mice. Theranostics, 2016, 6, 2161-2169.	4.6	13
24	Determination of an optimally sensitive and specific chemical exchange saturation transfer MRI quantification metric in relevant biological phantoms. NMR in Biomedicine, 2016, 29, 1624-1633.	1.6	12
25	Molecular Magnetic Resonance Imaging of Angiogenesis In Vivo using Polyvalent Cyclic RGD-Iron Oxide Microparticle Conjugates. Theranostics, 2015, 5, 515-529.	4.6	54
26	The longitudinal cerebrospinal fluid metabolomic profile of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 456-463.	1.1	49
27	NMR-Based Metabolomics Separates the Distinct Stages of Disease in a Chronic Relapsing Model of Multiple Sclerosis. Journal of NeuroImmune Pharmacology, 2015, 10, 435-444.	2.1	14
28	A type 2 biomarker separates relapsing-remitting from secondary progressive multiple sclerosis. Neurology, 2014, 83, 1492-1499.	1.5	80
29	ASPP2 controls epithelial plasticity and inhibits metastasis through Î²-catenin-dependent regulationÂofÂZEB1. Nature Cell Biology, 2014, 16, 1092-1104.	4.6	129
30	Are brain and heart tissue prone to the development of thiamine deficiency?. Alcohol, 2013, 47, 215-221.	0.8	8
31	Glucose-Induced Down Regulation of Thiamine Transporters in the Kidney Proximal Tubular Epithelium Produces Thiamine Insufficiency in Diabetes. PLoS ONE, 2012, 7, e53175.	1.1	43
32	Recent advances in SALDI-MS techniques and their chemical and bioanalytical applications. Analytical and Bioanalytical Chemistry, 2011, 399, 2597-2622.	1.9	193
33	Severe thiamine deficiency complicated by weight loss protects against renal ischaemia-reperfusion injury in rats. CKJ: Clinical Kidney Journal, 2009, 2, 182-183.	1.4	2
34	High-dose thiamine therapy for patients with type 2 diabetes and microalbuminuria: a randomised, double-blind placebo-controlled pilot study. Diabetologia, 2009, 52, 208-212.	2.9	145
35	Thiamine in diabetic nephropathy: a novel treatment modality? Reply to Alkhalaf A, Kleefstra N, Groenier KH et al. [letter]. Diabetologia, 2009, 52, 1214-1216.	2.9	6
36	High prevalence of low plasma thiamine concentration in diabetes linked to a marker of vascular disease. Diabetologia, 2007, 50, 2164-2170.	2.9	223

#	Article	IF	Citations
37	Accurate and reliable high-throughput detection of copy number variation in the human genome. Genome Research, 2006, 16, 1566-1574.	2.4	136