

Yanping Sun

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,347
citations

430874

18
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

4202
citing authors

#	ARTICLE	IF	CITATIONS
1	A small-molecule antagonist of CXCR4 inhibits intracranial growth of primary brain tumors. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13513-13518.	7.1	590
2	A murine lung cancer co-clinical trial identifies genetic modifiers of therapeutic response. Nature, 2012, 483, 613-617.	27.8	430
3	Bronchial and Peripheral Murine Lung Carcinomas Induced by T790M-L858R Mutant EGFR Respond to HKI-272 and Rapamycin Combination Therapy. Cancer Cell, 2007, 12, 81-93.	16.8	212
4	Renal injury is a third hit promoting rapid development of adult polycystic kidney disease. Human Molecular Genetics, 2009, 18, 2523-2531.	2.9	183
5	Mutations in BRAF and KRAS Converge on Activation of the Mitogen-Activated Protein Kinase Pathway in Lung Cancer Mouse Models. Cancer Research, 2007, 67, 4933-4939.	0.9	155
6	PEX-Producing Human Neural Stem Cells Inhibit Tumor Growth in a Mouse Glioma Model. Clinical Cancer Research, 2005, 11, 5965-5970.	7.0	128
7	Coordinate activation of Shh and PI3K signaling in PTEN-deficient glioblastoma: new therapeutic opportunities. Nature Medicine, 2013, 19, 1518-1523.	30.7	127
8	Volume Reconstruction Techniques Improve the Correlation Between Histological and in vivo Tumor Volume Measurements in Mouse Models of Human Gliomas. Journal of Neuro-Oncology, 2004, 68, 207-215.	2.9	83
9	Perfusion MRI of U87 brain tumors in a mouse model. Magnetic Resonance in Medicine, 2004, 51, 893-899.	3.0	64
10	Antiangiogenic Therapy by Local Intracerebral Microinfusion Improves Treatment Efficiency and Survival in an Orthotopic Human Glioblastoma Model. Clinical Cancer Research, 2004, 10, 1255-1262.	7.0	55
11	MRI of stroke using hyperpolarized ¹²⁹ Xe. NMR in Biomedicine, 2011, 24, 170-175.	2.8	48
12	Distribution of Hyperpolarized Xenon in the Brain Following Sensory Stimulation: Preliminary MRI Findings. PLoS ONE, 2011, 6, e21607.	2.5	46
13	Quantification of airway diameters and 3D airway tree rendering from dynamic hyperpolarized ³ He magnetic resonance imaging. Magnetic Resonance in Medicine, 2005, 53, 474-478.	3.0	40
14	Hyperpolarized Gas MR Imaging of the Lung: Current Status as a Research Tool. Journal of Thoracic Imaging, 2009, 24, 181-188.	1.5	32
15	Using hyperpolarized ³ He MRI to evaluate treatment efficacy in cystic fibrosis patients. Journal of Magnetic Resonance Imaging, 2011, 34, 1206-1211.	3.4	31
16	Hyperpolarized ³ He MR Imaging of the Lung. Journal of Thoracic Imaging, 2009, 24, 110-114.	1.5	29
17	Noninvasive Imaging of Tumor Burden and Molecular Pathways in Mouse Models of Cancer. Cold Spring Harbor Protocols, 2015, 2015, pdb.top069930.	0.3	28
18	Quantification of water diffusion and relaxation times of human U87 tumors in a mouse model. NMR in Biomedicine, 2004, 17, 399-404.	2.8	25

#	ARTICLE	IF	CITATIONS
19	Magnetic resonance imaging assessment of a murine model of recessive polycystic kidney disease. <i>Comparative Medicine</i> , 2002, 52, 433-8.	1.0	13
20	Magnetic resonance imaging of the response of a mouse model of non-small cell lung cancer to tyrosine kinase inhibitor treatment. <i>Comparative Medicine</i> , 2008, 58, 276-81.	1.0	8
21	Polycystic Kidney Disease Evaluation by Magnetic Resonance Imaging in Ischemia-Reperfusion Injured PKD1 Knockout Mouse Model. <i>Investigative Radiology</i> , 2010, 45, 24-28.	6.2	7
22	“Ventilatory alternans”: A left-right alternation of inspiratory airflow in humans. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 468-471.	1.6	5
23	MRI based assessment of the extent to which stereo-tracking of markers on the chest can predict motion of the heart. , 2008, , .		4
24	Marked pericardial inhomogeneity of specific ventilation at total lung capacity and beyond. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, 44-49.	1.6	3
25	Preclinical Magnetic Resonance Imaging in Mouse Cancer Models: TABLE 1.. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot078253.	0.3	1
26	Neuroimaging of Brain Tumors in Animal Models of CNS Cancer. , 2008, , 304-315.		0
27	Neuroimaging of Brain Tumors in Animal Models of Central Nervous System Cancer. , 2016, , 395-407.		0