

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	Neuroimaging of Brain Tumors in Animal Models of Central Nervous System Cancer. , 2016, , 395-407.		0
2	Preclinical Magnetic Resonance Imaging in Mouse Cancer Models: TABLE 1.. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot078253.	0.3	1
3	Noninvasive Imaging of Tumor Burden and Molecular Pathways in Mouse Models of Cancer. Cold Spring Harbor Protocols, 2015, 2015, pdb.top069930.	0.3	28
4	Coordinate activation of Shh and PI3K signaling in PTEN-deficient glioblastoma: new therapeutic opportunities. Nature Medicine, 2013, 19, 1518-1523.	30.7	127
5	“Ventilatory alternans” A left-right alternation of inspiratory airflow in humans. Respiratory Physiology and Neurobiology, 2013, 185, 468-471.	1.6	5
6	A murine lung cancer co-clinical trial identifies genetic modifiers of therapeutic response. Nature, 2012, 483, 613-617.	27.8	430
7	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
8	MRI of stroke using hyperpolarized ¹²⁹ Xe. NMR in Biomedicine, 2011, 24, 170-175.	2.8	48
9	Distribution of Hyperpolarized Xenon in the Brain Following Sensory Stimulation: Preliminary MRI Findings. PLoS ONE, 2011, 6, e21607.	2.5	46
10	Polycystic Kidney Disease Evaluation by Magnetic Resonance Imaging in Ischemia-Reperfusion Injured PKD1 Knockout Mouse Model. Investigative Radiology, 2010, 45, 24-28.	6.2	7
11	Renal injury is a third hit promoting rapid development of adult polycystic kidney disease. Human Molecular Genetics, 2009, 18, 2523-2531.	2.9	183
12	Marked pericardial inhomogeneity of specific ventilation at total lung capacity and beyond. Respiratory Physiology and Neurobiology, 2009, 169, 44-49.	1.6	3
13	Hyperpolarized Gas MR Imaging of the Lung: Current Status as a Research Tool. Journal of Thoracic Imaging, 2009, 24, 181-188.	1.5	32
14	Hyperpolarized ³ He MR Imaging of the Lung. Journal of Thoracic Imaging, 2009, 24, 110-114.	1.5	29
15	MRI based assessment of the extent to which stereo-tracking of markers on the chest can predict motion of the heart. , 2008, , .		4
16	Neuroimaging of Brain Tumors in Animal Models of CNS Cancer. , 2008, , 304-315.		0
17	Magnetic resonance imaging of the response of a mouse model of non-small cell lung cancer to tyrosine kinase inhibitor treatment. Comparative Medicine, 2008, 58, 276-81.	1.0	8
18	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

#	ARTICLE	IF	CITATIONS
19	Bronchial and Peripheral Murine Lung Carcinomas Induced by T790M-L858R Mutant EGFR Respond to HKI-272 and Rapamycin Combination Therapy. <i>Cancer Cell</i> , 2007, 12, 81-93.	16.8	212
20	Quantification of airway diameters and 3D airway tree rendering from dynamic hyperpolarized ³ He magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 474-478.	3.0	40
21	PEX-Producing Human Neural Stem Cells Inhibit Tumor Growth in a Mouse Glioma Model. <i>Clinical Cancer Research</i> , 2005, 11, 5965-5970.	7.0	128
22	Antiangiogenic Therapy by Local Intracerebral Microinfusion Improves Treatment Efficiency and Survival in an Orthotopic Human Glioblastoma Model. <i>Clinical Cancer Research</i> , 2004, 10, 1255-1262.	7.0	55
23	Volume Reconstruction Techniques Improve the Correlation Between Histological and in vivo Tumor Volume Measurements in Mouse Models of Human Gliomas. <i>Journal of Neuro-Oncology</i> , 2004, 68, 207-215.	2.9	83
24	Perfusion MRI of U87 brain tumors in a mouse model. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 893-899.	3.0	64
25	Quantification of water diffusion and relaxation times of human U87 tumors in a mouse model. <i>NMR in Biomedicine</i> , 2004, 17, 399-404.	2.8	25
26	A small-molecule antagonist of CXCR4 inhibits intracranial growth of primary brain tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13513-13518.	7.1	590
27	Magnetic resonance imaging assessment of a murine model of recessive polycystic kidney disease. <i>Comparative Medicine</i> , 2002, 52, 433-8.	1.0	13