

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	1,578 citations	10 h-index	24 g-index
24 ext. papers	1,811 ext. citations	3.8 avg, IF	4.01 L-index

#	Paper	IF	Citations
22	Collagen reorganization at the tumor-stromal interface facilitates local invasion. <i>BMC Medicine</i> , 2006 , 4, 38	11.4	1127
21	Fluorescence lifetime imaging of endogenous fluorophores in histopathology sections reveals differences between normal and tumor epithelium in carcinoma in situ of the breast. <i>Cell Biochemistry and Biophysics</i> , 2009 , 53, 145-57	3.2	102
20	Terpenoids from <i>Zingiber officinale</i> (Ginger) induce apoptosis in endometrial cancer cells through the activation of p53. <i>PLoS ONE</i> , 2012 , 7, e53178	3.7	86
19	Optical workstation with concurrent, independent multiphoton imaging and experimental laser microbeam capabilities. <i>Review of Scientific Instruments</i> , 2003 , 74, 193-201	1.7	48
18	In Vivo Visualization of Stromal Macrophages via label-free FLIM-based metabolite imaging. <i>Scientific Reports</i> , 2016 , 6, 25086	4.9	48
17	(19)F-MRI for monitoring human NK cells in vivo. <i>Oncotmunology</i> , 2016 , 5, e1143996	7.2	38
16	Magnetic resonance imaging with hyperpolarized agents: methods and applications. <i>Physics in Medicine and Biology</i> , 2017 , 62, R81-R123	3.8	28
15	Applications of combined spectral lifetime microscopy for biology. <i>BioTechniques</i> , 2006 , 41, 249, 251, 253 passim	2.5	25
14	Trans10,cis12 conjugated linoleic acid inhibits proliferation and migration of ovarian cancer cells by inducing ER stress, autophagy, and modulation of Src. <i>PLoS ONE</i> , 2018 , 13, e0189524	3.7	12
13	Perfusion of the placenta assessed using arterial spin labeling and ferumoxytol dynamic contrast enhanced magnetic resonance imaging in the rhesus macaque. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 1964-1978	4.4	11
12	A chemical shift encoding (CSE) approach for spectral selection in fluorine-19 MRI. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2183-2189	4.4	9
11	Preparation of 3D Collagen Gels and Microchannels for the Study of 3D Interactions In Vivo. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	9
10	A novel bioreactor for combined magnetic resonance spectroscopy and optical imaging of metabolism in 3D cell cultures. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 3379-3391	4.4	8
9	Simultaneous imaging of ¹³ C metabolism and ¹ H structure: technical considerations and potential applications. <i>NMR in Biomedicine</i> , 2015 , 28, 576-82	4.4	7
8	Metabolic mapping of glioblastoma stem cells reveals NADH fluxes associated with glioblastoma phenotype and survival. <i>Journal of Biomedical Optics</i> , 2020 , 25, 1-13	3.5	5
7	Radiation Promptly Alters Cancer Live Cell Metabolic Fluxes: An In Vitro Demonstration. <i>Radiation Research</i> , 2016 , 185, 496-504	3.1	5
6	Three-Dimensional Quantitative Magnetic Resonance Imaging of Epiphyseal Cartilage Vascularity Using Vessel Image Features: New Insights into Juvenile Osteochondritis Dissecans. <i>JBJS Open Access</i> , 2019 , 4,	3.1	4

5	Impact of ferumoxytol magnetic resonance imaging on the rhesus macaque maternal-fetal interface <i>Biology of Reproduction</i> , 2020 , 102, 434-444	3.9	2
4	Evaluation of the Suitability of Miniature Pigs as an Animal Model of Juvenile Osteochondritis Dissecans. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 2130-2137	3.8	2
3	An open source, 3D printed preclinical MRI phantom for repeated measures of contrast agents and reference standards. <i>Biomedical Physics and Engineering Express</i> , 2018 , 4,	1.5	2
2	MRI evaluation of articular cartilage in patients with juvenile osteochondritis dissecans (JOCD) using T2* mapping at 3T. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 1235-1244	6.2	0
1	Detection and viability of murine NK cells in vivo in a lymphoma model using fluorine-19 MRI. <i>NMR in Biomedicine</i> , 2021 , 34, e4600	4.4	0