

Claire Rome

List of Publications by Year in descending order

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36
papers

970
citations

394421

19
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	CCM1â€™ICAP-1 complex controls Î²1 integrinâ€™dependent endothelial contractility and fibronectin remodeling. <i>Journal of Cell Biology</i> , 2013, 202, 545-561.	5.2	93
2	Synchrotron microbeam radiation therapy induces hypoxia in intracerebral gliosarcoma but not in the normal brain. <i>Radiotherapy and Oncology</i> , 2013, 108, 143-148.	0.6	78
3	Spatial and temporal control of expression of therapeutic genes using heat shock protein promoters. <i>Methods</i> , 2005, 35, 188-198.	3.8	72
4	Injectable Self-Healing Hydrogels Based on Boronate Ester Formation between Hyaluronic Acid Partners Modified with Benzoxaborin Derivatives and Saccharides. <i>Biomacromolecules</i> , 2020, 21, 230-239.	5.4	67
5	The role of ultrasound and magnetic resonance in local drug delivery. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 400-409.	3.4	64
6	Identification of a novel <scp>BET</scp> bromodomain inhibitorâ€™sensitive, gene regulatory circuit that controls Rituximab response and tumour growth in aggressive lymphoid cancers. <i>EMBO Molecular Medicine</i> , 2013, 5, 1180-1195.	6.9	64
7	The Natural Cell-Penetrating Peptide Crostamine Targets Tumor Tissue <i>in Vivo</i> and Triggers a Lethal Calcium-Dependent Pathway in Cultured Cells. <i>Molecular Pharmaceutics</i> , 2012, 9, 211-221.	4.6	62
8	Biomaterial Applications in Cell-Based Therapy in Experimental Stroke. <i>Stem Cells International</i> , 2016, 2016, 1-14.	2.5	46
9	The dual effect of mscs on tumour growth and tumour angiogenesis. <i>Stem Cell Research and Therapy</i> , 2013, 4, 41.	5.5	45
10	Permeability of Brain Tumor Vessels Induced by Uniform or Spatially Microfractionated Synchrotron Radiation Therapies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1174-1182.	0.8	41
11	Microvascular Plasticity After Experimental Stroke: A Molecular and MRI Study. <i>Cerebrovascular Diseases</i> , 2014, 38, 344-353.	1.7	39
12	IPP51, a chalcone acting as a microtubule inhibitor with <i>in vivo</i> antitumor activity against bladder carcinoma. <i>Oncotarget</i> , 2015, 6, 14669-14686.	1.8	35
13	Substance P mobilizes intracellular calcium and activates a nonselective cation conductance in rat spiral ganglion neurons. <i>European Journal of Neuroscience</i> , 2002, 16, 2095-2102.	2.6	30
14	Gene expression and gene therapy imaging. <i>European Radiology</i> , 2007, 17, 305-319.	4.5	30
15	MMP-7 (matrilysin) expression in human brain tumors. <i>Molecular Carcinogenesis</i> , 2007, 46, 446-452.	2.7	27
16	Intravenous Injection of Clinical Grade Human MSCs after Experimental Stroke: Functional Benefit and Microvascular Effect. <i>Cell Transplantation</i> , 2016, 25, 2157-2171.	2.5	22
17	Distribution and Radiosensitizing Effect of Cholesterol-Coupled Dbait Molecule in Rat Model of Glioblastoma. <i>PLoS ONE</i> , 2012, 7, e40567.	2.5	21
18	Drug development in oncology assisted by noninvasive optical imaging. <i>International Journal of Pharmaceutics</i> , 2009, 379, 309-316.	5.2	20

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19	Combination of Cell Delivery and Thermoinducible Transcription for in Vivo Spatiotemporal Control of Gene Expression: A Feasibility Study. <i>Radiology</i> , 2011, 258, 496-504.	7.3	20
20	Muscarinic receptor-mediated calcium signaling in spiral ganglion neurons of the mammalian cochlea. <i>Brain Research</i> , 1999, 846, 196-203.	2.2	19
21	Synchrotron X-Ray Boost Delivered by Microbeam Radiation Therapy After Conventional X-Ray Therapy Fractionated in Time Improves F98 Glioma Control. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 360-369.	0.8	16
22	Lifelong reporter gene imaging in the lungs of mice following polyethyleneimine-mediated sleeping-beauty transposon delivery. <i>Biomaterials</i> , 2011, 32, 1978-1985.	11.4	14
23	How to use stem cells for repair in stroke patients. <i>Revue Neurologique</i> , 2017, 173, 572-576.	1.5	7
24	Dynamical properties of water in living cells. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	7
25	The Use of Ultrasound in Transfection and Transgene Expression. <i>Handbook of Experimental Pharmacology</i> , 2008, , 225-243.	1.8	6
26	Two distinct proliferating cell nuclear antigens are present in the wheat cell. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 743-748.	5.8	4
27	Polymorphism of the untranslated regions of the F3/contactin mRNA in the rat nervous system. <i>Molecular Brain Research</i> , 2005, 139, 184-191.	2.3	4
28	Diversity of contactin mRNA in human brain tumors. <i>Molecular Carcinogenesis</i> , 2006, 45, 774-785.	2.7	4
29	Synchrotron X-Ray Boost in the Microbeam Radiation Therapy Mode Improves Glioma Control After Conventional X-Ray Fractions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E94-E95.	0.8	4
30	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. <i>Methods in Molecular Biology</i> , 2013, 948, 49-65.	0.9	2
31	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. <i>Methods in Molecular Biology</i> , 2019, 1943, 347-363.	0.9	2
32	Defective vascular integrity upon KRIT1/ICAP-1 complex loss in CCM correlates with aberrant beta 1 integrin-dependent extracellular matrix remodeling. <i>Vascular Pharmacology</i> , 2012, 56, 332-333.	2.1	1
33	Ultrasound-Induced Expression of a Heat Shock Promoter-Driven Transgene Delivered in the Kidney by Genetically Modified Mesenchymal Stem Cells. , 2007, , 171-179.		1
34	Neurofunctional and neuroimaging readouts for designing a preclinical stem-cell therapy trial in experimental stroke. <i>Scientific Reports</i> , 2022, 12, 4700.	3.3	1
35	12: Interest of the RAFT-RGD for measuring angiogenesis and for the surgery of cancers. <i>Bulletin Du Cancer</i> , 2010, 97, S14.	1.6	0
36	CCM1/ICAP-1 complex controls β 1 integrin-dependent endothelial contractility and fibronectin remodelling. <i>Journal of Experimental Medicine</i> , 2013, 210, 2109OIA28.	8.5	0