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	Neurofunctional and neuroimaging readouts for designing a preclinical stem-cell therapy trial in experimental stroke. Scientific Reports, 2022, 12, 4700.	3.3	1
2	Injectable Self-Healing Hydrogels Based on Boronate Ester Formation between Hyaluronic Acid Partners Modified with Benzoxaborin Derivatives and Saccharides. Biomacromolecules, 2020, 21, 230-239.	5.4	67
3	Synchrotron X-Ray Boost Delivered by Microbeam Radiation Therapy After Conventional X-Ray Therapy Fractionated in Time Improves F98 Glioma Control. International Journal of Radiation Oncology Biology Physics, 2020, 107, 360-369.	0.8	16
4	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. Methods in Molecular Biology, 2019, 1943, 347-363.	0.9	2
5	Dynamical properties of water in living cells. Frontiers of Physics, 2018, 13, 1.	5.0	7
6	Permeability of Brain Tumor Vessels Induced by Uniform or Spatially Microfractionated Synchrotron Radiation Therapies. International Journal of Radiation Oncology Biology Physics, 2017, 98, 1174-1182.	0.8	41
7	How to use stem cells for repair in stroke patients. Revue Neurologique, 2017, 173, 572-576.	1.5	7
8	Biomaterial Applications in Cell-Based Therapy in Experimental Stroke. Stem Cells International, 2016, 2016, 1-14.	2.5	46
9	Synchrotron X-Ray Boost in the Microbeam Radiation Therapy Mode Improves Glioma Control After Conventional X-Ray Fractions. International Journal of Radiation Oncology Biology Physics, 2016, 96, E94-E95.	0.8	4
10	Intravenous Injection of Clinical Grade Human MSCs after Experimental Stroke: Functional Benefit and Microvascular Effect. Cell Transplantation, 2016, 25, 2157-2171.	2.5	22
11	IPP51, a chalcone acting as a microtubule inhibitor with in vivo antitumor activity against bladder carcinoma. Oncotarget, 2015, 6, 14669-14686.	1.8	35
12	Microvascular Plasticity After Experimental Stroke: A Molecular and MRI Study. Cerebrovascular Diseases, 2014, 38, 344-353.	1.7	39
13	Synchrotron microbeam radiation therapy induces hypoxia in intracerebral gliosarcoma but not in the normal brain. Radiotherapy and Oncology, 2013, 108, 143-148.	0.6	78
14	Identification of a novel <scp>BET</scp> bromodomain inhibitorâ€sensitive, gene regulatory circuit that controls Rituximab response and tumour growth in aggressive lymphoid cancers. EMBO Molecular Medicine, 2013, 5, 1180-1195.	6.9	64
15	The dual effect of mscs on tumour growth and tumour angiogenesis. Stem Cell Research and Therapy, 2013, 4, 41.	5.5	45
16	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. Methods in Molecular Biology, 2013, 948, 49-65.	0.9	2
17	CCM1â€"ICAP-1 complex controls Î²1 integrinâ€"dependent endothelial contractility and fibronectin remodeling. Journal of Cell Biology, 2013, 202, 545-561.	5.2	93
18	CCM1/ICAP-1 complex controls Î²1 integrin-dependent endothelial contractility and fibronectin remodelling. Journal of Experimental Medicine, 2013, 210, 2109OIA28.	8.5	0

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19	The Natural Cell-Penetrating Peptide Crotamine Targets Tumor Tissue in Vivo and Triggers a Lethal Calcium-Dependent Pathway in Cultured Cells. Molecular Pharmaceutics, 2012, 9, 211-221.	4.6	62
20	Defective vascular integrity upon KRIT1/ICAP-1 complex loss in CCM correlates with aberrant beta 1 integrin-dependent extracellular matrix remodeling. Vascular Pharmacology, 2012, 56, 332-333.	2.1	1
21	Distribution and Radiosensitizing Effect of Cholesterol-Coupled Dbait Molecule in Rat Model of Glioblastoma. PLoS ONE, 2012, 7, e40567.	2.5	21
22	Lifelong reporter gene imaging in the lungs of mice following polyethyleneimine-mediated sleeping-beauty transposon delivery. Biomaterials, 2011, 32, 1978-1985.	11.4	14
23	Combination of Cell Delivery and Thermoinducible Transcription for in Vivo Spatiotemporal Control of Gene Expression: A Feasibility Study. Radiology, 2011, 258, 496-504.	7.3	20
24	12: Interest of the RAFT-RGD for measuring angiogenesis and for the surgery of cancers. Bulletin Du Cancer, 2010, 97, S14.	1.6	0
25	Drug development in oncology assisted by noninvasive optical imaging. International Journal of Pharmaceutics, 2009, 379, 309-316.	5.2	20
26	The role of ultrasound and magnetic resonance in local drug delivery. Journal of Magnetic Resonance Imaging, 2008, 27, 400-409.	3.4	64
27	The Use of Ultrasound in Transfection and Transgene Expression. Handbook of Experimental Pharmacology, 2008, , 225-243.	1.8	6
28	MMP-7 (matrilysin) expression in human brain tumors. Molecular Carcinogenesis, 2007, 46, 446-452.	2.7	27
29	Gene expression and gene therapy imaging. European Radiology, 2007, 17, 305-319.	4.5	30
30	Ultrasound-Induced Expression of a Heat Shock Promoter-Driven Transgene Delivered in the Kidney by Genetically Modified Mesenchymal Stem Cells. , 2007, , 171-179.		1
31	Diversity of contactin mRNA in human brain tumors. Molecular Carcinogenesis, 2006, 45, 774-785.	2.7	4
32	Polymorphism of the untranslated regions of the F3/contactin mRNA in the rat nervous system. Molecular Brain Research, 2005, 139, 184-191.	2.3	4
33	Spatial and temporal control of expression of therapeutic genes using heat shock protein promoters. Methods, 2005, 35, 188-198.	3.8	72
34	Two distinct proliferating cell nuclear antigens are present in the wheat cell. Plant Physiology and Biochemistry, 2002, 40, 743-748.	5.8	4
35	Substance P mobilizes intracellular calcium and activates a nonselective cation conductance in rat spiral ganglion neurons. European Journal of Neuroscience, 2002, 16, 2095-2102.	2.6	30
36	Muscarinic receptor-mediated calcium signaling in spiral ganglion neurons of the mammalian cochlea. Brain Research, 1999, 846, 196-203.	2.2	19