

Meg Duroux

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,529
citations

257450

24
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

4628
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive overview of exosomes as drug delivery vehicles – Endogenous nanocarriers for targeted cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 75-87.	7.4	430
2	A Systematic Review of MicroRNA in Glioblastoma Multiforme: Micro-modulators in the Mesenchymal Mode of Migration and Invasion. <i>Molecular Neurobiology</i> , 2013, 47, 131-144.	4.0	240
3	Functional Significance of the Alternative Transcript Processing of the Arabidopsis Floral Promoter FCA. <i>Plant Cell</i> , 2002, 14, 877-888.	6.6	220
4	MicroRNAs as modulators and biomarkers of inflammatory and neuropathic pain conditions. <i>Neurobiology of Disease</i> , 2014, 71, 159-168.	4.4	139
5	Evaluation of electroporation-induced adverse effects on adipose-derived stem cell exosomes. <i>Cytotechnology</i> , 2016, 68, 2125-2138.	1.6	131
6	Instability of standard PCR reference genes in adipose-derived stem cells during propagation, differentiation and hypoxic exposure. <i>BMC Molecular Biology</i> , 2008, 9, 98.	3.0	129
7	Elevated atmospheric CO ₂ increases fine root production, respiration, rhizosphere respiration and soil CO ₂ efflux in Scots pine seedlings. <i>Global Change Biology</i> , 1998, 4, 871-878.	9.5	96
8	Photonic activation of disulfide bridges achieves oriented protein immobilization on biosensor surfaces. <i>Protein Science</i> , 2006, 15, 343-351.	7.6	94
9	Systematic review of factors influencing extracellular vesicle yield from cell cultures. <i>Cytotechnology</i> , 2016, 68, 579-592.	1.6	89
10	The chromatin remodelling complex FACT associates with actively transcribed regions of the Arabidopsis genome. <i>Plant Journal</i> , 2004, 40, 660-671.	5.7	82
11	Effect of growth media and serum replacements on the proliferation and differentiation of adipose-derived stem cells. <i>Cytotherapy</i> , 2009, 11, 189-197.	0.7	82
12	On the use of liposome controls in studies investigating the clinical potential of extracellular vesicle-based drug delivery systems – A commentary. <i>Journal of Controlled Release</i> , 2018, 269, 10-14.	9.9	66
13	Soil [N] modulates soil C cycling in CO ₂ -enriched tree stands: a meta-analysis. <i>Plant, Cell and Environment</i> , 2010, 33, 2001-2011.	5.7	65
14	Serum MicroRNA Signatures in Migraineurs During Attacks and in Pain-Free Periods. <i>Molecular Neurobiology</i> , 2016, 53, 1494-1500.	4.0	63
15	Elevated CO ₂ and tree root growth: contrasting responses in <i>Fraxinus excelsior</i> , <i>Quercus petraea</i> and <i>Pinus sylvestris</i> . <i>New Phytologist</i> , 1998, 138, 241-250.	7.3	58
16	MicroRNA Expression Signatures Determine Prognosis and Survival in Glioblastoma Multiforme – a Systematic Overview. <i>Molecular Neurobiology</i> , 2014, 50, 896-913.	4.0	53
17	The potato tuber transcriptome: analysis of 6077 expressed sequence tags. <i>FEBS Letters</i> , 2001, 506, 123-126.	2.8	49
18	Transcriptional signature of human adipose tissue-derived stem cells (hASCs) preconditioned for chondrogenesis in hypoxic conditions. <i>Experimental Cell Research</i> , 2009, 315, 1937-1952.	2.6	46

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19	Targeted Antiepidermal Growth Factor Receptor (Cetuximab) Immunoliposomes Enhance Cellular Uptake <i>In Vitro</i> and Exhibit Increased Accumulation in an Intracranial Model of Glioblastoma Multiforme. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-13.	2.5	46
20	MicroRNA Expression Signatures and Their Correlation with Clinicopathological Features in Glioblastoma Multiforme. <i>NeuroMolecular Medicine</i> , 2014, 16, 565-577.	3.4	37
21	Effect of oxygen concentration, culture format and donor variability on <i>in vitro</i> chondrogenesis of human adipose tissue-derived stem cells. <i>Regenerative Medicine</i> , 2009, 4, 539-548.	1.7	35
22	Hypoxia and adipose-derived stem cell-based tissue regeneration and engineering. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 775-786.	3.1	34
23	Cripto-1 Expression in Glioblastoma Multiforme. <i>Brain Pathology</i> , 2014, 24, 360-370.	4.1	28
24	HMGB6 from <i>Arabidopsis thaliana</i> Specifies a Novel Type of Plant Chromosomal HMGB Protein. <i>Biochemistry</i> , 2004, 43, 1309-1314.	2.5	27
25	Light-induced immobilisation of biomolecules as an attractive alternative to microdroplet dispensing-based arraying technologies. <i>Proteomics</i> , 2007, 7, 3491-3499.	2.2	27
26	Primary culture of trigeminal satellite glial cells: a cell-based platform to study morphology and function of peripheral glia. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2014, 6, 1-12.	0.8	19
27	Characterization of rat primary trigeminal satellite glial cells and associated extracellular vesicles under normal and inflammatory conditions. <i>Journal of Proteomics</i> , 2019, 190, 27-34.	2.4	18
28	A tumorsphere model of glioblastoma multiforme with intratumoral heterogeneity for quantitative analysis of cellular migration and drug response. <i>Experimental Cell Research</i> , 2019, 379, 73-82.	2.6	15
29	Effects of elevated CO ₂ on cellular mechanisms, growth and development of trees with particular reference to hybrid poplar. <i>Forestry</i> , 1995, 68, 379-390.	2.3	14
30	Oxaliplatin enhances gap junction-mediated coupling in cell cultures of mouse trigeminal ganglia. <i>Experimental Cell Research</i> , 2015, 336, 94-99.	2.6	13
31	Cripto-1: an extracellular protein "connecting the sequestered biological dots. <i>Connective Tissue Research</i> , 2015, 56, 364-380.	2.3	12
32	Conventional Treatment of Glioblastoma Reveals Persistent CD44+ Subpopulations. <i>Molecular Neurobiology</i> , 2020, 57, 3943-3955.	4.0	12
33	Direct Site-Directed Photocoupling of Proteins onto Surfaces Coated with β -Cyclodextrins. <i>Langmuir</i> , 2010, 26, 11597-11604.	3.5	11
34	Novel photonic technique creates micrometer resolution protein arrays and provides a new approach to coupling of genes, peptide hormones and drugs to nanoparticle carriers. <i>Applied Surface Science</i> , 2007, 253, 8125-8129.	6.1	10
35	Printing Novel Molecular Architectures with Micrometer Resolution Using Light. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3372-3381.	0.9	8
36	Synthesis of Nano- and Micro-Scale Topographies by Combining Colloidal Lithography and Glancing Angle Deposition (GLAD). <i>Advanced Engineering Materials</i> , 2015, 17, 8-13.	3.5	8

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37	Using light to bioactivate surfaces: A new way of creating oriented, active immunobiosensors. Applied Surface Science, 2007, 254, 1126-1130.	6.1	7
38	Molecular Printing Using UV-Assisted Immobilization of Biomolecules. International Journal of Optomechatronics, 2007, 1, 383-391.	6.6	5
39	Cripto-1 localizes to dynamic and shed filopodia associated with cellular migration in glioblastoma cells. European Journal of Cell Biology, 2019, 98, 151044.	3.6	5
40	An evaluation of different Cripto-1 antibodies and their variable results. Journal of Cellular Biochemistry, 2020, 121, 545-556.	2.6	3
41	Photonics and microarray technology. , 2007, , .		1
42	Molecular Analysis Of Flowering Time And Vernalization Response In Arabidopsis, A Minireview. Developments in Plant Genetics and Breeding, 2000, , 115-121.	0.6	0
43	Micrometer sized immobilization of protein molecules onto quartz, silicium and gold.. , 2006, 6106, 398.		0
44	Light-powered molecular engineering: a new technology for medical safety applications. Proceedings of SPIE, 2007, , .	0.8	0