

Emilie Velot

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.

32
papers

4,477
citations

16
h-index

39
g-index

39
ext. papers

6,409
ext. citations

6.4
avg, IF

4.14
L-index

#	Paper	IF	Citations
32	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
31	Umbilical cord mesenchymal stem cells: the new gold standard for mesenchymal stem cell-based therapies?. <i>Tissue Engineering - Part B: Reviews</i> , 2014 , 20, 523-44	7.9	172
30	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. <i>Nature Genetics</i> , 2015 , 47, 969-978	36.3	106
29	Thymoquinone reduces migration and invasion of human glioblastoma cells associated with FAK, MMP-2 and MMP-9 down-regulation. <i>Investigational New Drugs</i> , 2012 , 30, 2121-31	4.3	64
28	The role of mechanical stimuli in the vascular differentiation of mesenchymal stem cells. <i>Journal of Cell Science</i> , 2015 , 128, 2415-22	5.3	55
27	Adenosine inhibits matrix metalloproteinase-9 secretion by neutrophils: implication of A2a receptor and cAMP/PKA/Ca ²⁺ pathway. <i>Circulation Research</i> , 2006 , 99, 590-7	15.7	55
26	How Do Mesenchymal Stem Cells Influence or Are Influenced by Microenvironment through Extracellular Vesicles Communication?. <i>Frontiers in Cell and Developmental Biology</i> , 2017 , 5, 6	5.7	47
25	Dental Pulp Stem Cell-Derived Conditioned Medium: An Attractive Alternative for Regenerative Therapy. <i>Tissue Engineering - Part B: Reviews</i> , 2019 , 25, 78-88	7.9	46
24	Heterozygous deletion of the Williams-Beuren syndrome critical interval in mice recapitulates most features of the human disorder. <i>Human Molecular Genetics</i> , 2014 , 23, 6481-94	5.6	43
23	Nanoemulsions and topical creams for the safe and effective delivery of lipophilic antioxidant coenzyme Q10. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 167, 165-175	6	37
22	Activation of the adenosine-A3 receptor stimulates matrix metalloproteinase-9 secretion by macrophages. <i>Cardiovascular Research</i> , 2008 , 80, 246-54	9.9	31
21	The in vivo Down syndrome genomic library in mouse. <i>Progress in Brain Research</i> , 2012 , 197, 169-97	2.9	28
20	Differential signaling by adaptor molecules LRP1 and ShcA regulates adipogenesis by the insulin-like growth factor-1 receptor. <i>Journal of Biological Chemistry</i> , 2011 , 286, 16775-82	5.4	24
19	Human-derived extracellular matrix from Wharton's jelly: An untapped substrate to build up a standardized and homogeneous coating for vascular engineering. <i>Acta Biomaterialia</i> , 2017 , 48, 227-237	10.8	17
18	Diversity and heterogeneity of extracellular RNA in human plasma. <i>Biochimie</i> , 2019 , 164, 22-36	4.6	16
17	Immunomodulation of endothelial differentiated mesenchymal stromal cells: impact on T and NK cells. <i>Immunology and Cell Biology</i> , 2016 , 94, 342-56	5	16
16	Activation of PPARs α and δ impairs TGF- β -induced collagen production and modulates the TIMP-1/MMPs balance in three-dimensional cultured chondrocytes. <i>PPAR Research</i> , 2010 , 2010, 635912	4.3	14

15	Efficiency of emulsifier-free emulsions and emulsions containing rapeseed lecithin as delivery systems for vectorization and release of coenzyme Q10: physico-chemical properties and in vitro evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 142-150	6	10
14	Development of extracellular vesicle-based medicinal products: A position paper of the group "Extracellular Vesicle translation to clinical perspectives - EVOLVE France". <i>Advanced Drug Delivery Reviews</i> , 2021 , 179, 114001	18.5	8
13	Reversing charges or how to improve Wharton's jelly mesenchymal stem cells culture on polyelectrolyte multilayer films. <i>Bio-Medical Materials and Engineering</i> , 2013 , 23, 299-309	1	7
12	Transforming growth factor-beta 1 or ascorbic acid are able to differentiate Wharton's jelly mesenchymal stem cells towards a smooth muscle phenotype. <i>Bio-Medical Materials and Engineering</i> , 2017 , 28, S101-S105	1	6
11	Membranes combining chitosan and natural-origin nanoliposomes for tissue engineering. <i>RSC Advances</i> , 2016 , 6, 83626-83637	3.7	6
10	Biomaterials and Gene Therapy: A Smart Combination for MSC Musculoskeletal Engineering. <i>Current Stem Cell Research and Therapy</i> , 2019 , 14, 337-343	3.6	6
9	Nanoliposomes from Agro-Resources as Promising Delivery Systems for Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
8	Nanoliposomes of Marine Lecithin, a New Way to Deliver TGF- β . <i>Journal of Biomaterials and Tissue Engineering</i> , 2017 , 7, 1163-1170	0.3	4
7	Evaluation of the pro-angiogenic effect of nanoscale extracellular vesicles derived from human umbilical cord mesenchymal stem cells. <i>Bio-Medical Materials and Engineering</i> , 2017 , 28, S75-S79	1	2
6	The effect of nacre extract on cord blood-derived endothelial progenitor cells: A natural stimulus to promote angiogenesis?. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1406-1413	5.4	2
5	Brillouin spectroscopy: a new tool to decipher viscoelastic properties of biological scaffold functionalized with nanoscale films. <i>Bio-Medical Materials and Engineering</i> , 2013 , 23, 251-61	1	2
4	Is Extracellular Vesicle-Based Therapy the Next Answer for Cartilage Regeneration?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 645039	5.8	2
3	Construction of biocompatible porous tissue scaffold from the decellularized umbilical artery. <i>Bio-Medical Materials and Engineering</i> , 2015 , 25, 65-71	1	1
2	Human umbilical cord derived matrix: A scaffold suitable for tissue engineering application. <i>Bio-Medical Materials and Engineering</i> , 2017 , 28, S95-S100	1	0
1	Bone Marrow MSC Secretome Increases Equine Articular Chondrocyte Collagen Accumulation and Their Migratory Capacities. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5795	6.3	0