

# Emilie Velot

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

8,144  
citations

430442

18  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

14409  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
2	Umbilical Cord Mesenchymal Stem Cells: The New Gold Standard for Mesenchymal Stem Cell-Based Therapies?. Tissue Engineering - Part B: Reviews, 2014, 20, 523-544.	2.5	239
3	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. Nature Genetics, 2015, 47, 969-978.	9.4	137
4	Thymoquinone reduces migration and invasion of human glioblastoma cells associated with FAK, MMP-2 and MMP-9 down-regulation. Investigational New Drugs, 2012, 30, 2121-2131.	1.2	78
5	Dental Pulp Stem Cell-Derived Conditioned Medium: An Attractive Alternative for Regenerative Therapy. Tissue Engineering - Part B: Reviews, 2019, 25, 78-88.	2.5	73
6	Heterozygous deletion of the Williams-Beuren syndrome critical interval in mice recapitulates most features of the human disorder. Human Molecular Genetics, 2014, 23, 6481-6494.	1.4	69
7	The role of mechanical stimuli in the vascular differentiation of mesenchymal stem cells. Journal of Cell Science, 2015, 128, 2415-22.	1.2	69
8	Adenosine Inhibits Matrix Metalloproteinase-9 Secretion By Neutrophils. Circulation Research, 2006, 99, 590-597.	2.0	62
9	How Do Mesenchymal Stem Cells Influence or Are Influenced by Microenvironment through Extracellular Vesicles Communication?. Frontiers in Cell and Developmental Biology, 2017, 5, 6.	1.8	61
10	Nanoemulsions and topical creams for the safe and effective delivery of lipophilic antioxidant coenzyme Q10. Colloids and Surfaces B: Biointerfaces, 2018, 167, 165-175.	2.5	49
11	Development of extracellular vesicle-based medicinal products: A position paper of the group "Extracellular Vesicle translation to clinical perspectives" EVOLVE France. Advanced Drug Delivery Reviews, 2021, 179, 114001.	6.6	42
12	The in vivo Down syndrome genomic library in mouse. Progress in Brain Research, 2012, 197, 169-197.	0.9	33
13	Activation of the adenosine-A3 receptor stimulates matrix metalloproteinase-9 secretion by macrophages. Cardiovascular Research, 2008, 80, 246-254.	1.8	31
14	Diversity and heterogeneity of extracellular RNA in human plasma. Biochimie, 2019, 164, 22-36.	1.3	26
15	Differential Signaling by Adaptor Molecules LRP1 and ShcA Regulates Adipogenesis by the Insulin-like Growth Factor-1 Receptor. Journal of Biological Chemistry, 2011, 286, 16775-16782.	1.6	25
16	Human-derived extracellular matrix from Wharton's jelly: An untapped substrate to build up a standardized and homogeneous coating for vascular engineering. Acta Biomaterialia, 2017, 48, 227-237.	4.1	23
17	Impairs TGF- $\beta$ signaling in endothelial differentiated mesenchymal stromal cells: impact on T and NK cells. Immunology and Cell Biology, 2016, 94, 342-356.	1.1	20
18	Immunomodulation of endothelial differentiated mesenchymal stromal cells: impact on T and NK cells. Immunology and Cell Biology, 2016, 94, 342-356.	1.0	19

#	ARTICLE	IF	CITATIONS
19	Is Extracellular Vesicle-Based Therapy the Next Answer for Cartilage Regeneration?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 645039.	2.0	16
20	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.	2.5	15
21	Encapsulation of Salmon Peptides in Marine Liposomes: Physico-Chemical Properties, Antiradical Activities and Biocompatibility Assays. <i>Marine Drugs</i> , 2022, 20, 249.	2.2	13
22	Biomaterials and Gene Therapy: A Smart Combination for MSC Musculoskeletal Engineering. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 337-343.	0.6	11
23	Nanoliposomes from Agro-Resources as Promising Delivery Systems for Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3436.	1.8	10
24	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.	0.4	9
25	Efficient TGF- $\beta$ 1 Delivery to Articular Chondrocytes In Vitro Using Agro-Based Liposomes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2864.	1.8	9
26	Bone Marrow MSC Secretome Increases Equine Articular Chondrocyte Collagen Accumulation and Their Migratory Capacities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5795.	1.8	9
27	Membranes combining chitosan and natural-origin nanoliposomes for tissue engineering. <i>RSC Advances</i> , 2016, 6, 83626-83637.	1.7	7
28	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.	0.4	7
29	Nanoliposomes of Marine Lecithin, a New Way to Deliver TGF- $\beta$ 1. <i>Journal of Biomaterials and Tissue Engineering</i> , 2017, 7, 1163-1170.	0.0	6
30	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.	2.1	5
31	Physicochemical Properties and Liposomal Formulations of Hydrolysate Fractions of Four Sea Cucumbers (Holothuroidea: Echinodermata) from the Northwestern Algerian Coast. <i>Molecules</i> , 2020, 25, 2972.	1.7	3
32	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, 251-261.	0.4	2
33	Human umbilical cord derived matrix: A scaffold suitable for tissue engineering application. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, S95-S100.	0.4	2
34	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.	0.4	2
35	Construction of biocompatible porous tissue scaffold from the decellularized umbilical artery. <i>Bio-Medical Materials and Engineering</i> , 2015, 25, 65-71.	0.4	1
36	Stem cells differentiation induced by physical stimulation using piezoelectric nanocomposite material. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Umbilical Mesenchymal Stem Cell-Derived Extracellular Vesicle Conditioning Has an Immunosuppressive Effect on NK Cells. Biomedical and Health Research, 2021, , .	0.0	0
38	472 Adenosine switches macrophages from a pro-inflammatory to an angiogenic phenotype. European Journal of Heart Failure, Supplement, 2007, 6, 102-102.	0.2	0
39	473 Adenosine stimulates matrix metalloproteinase-9 secretion by THP-1-derived macrophages. European Journal of Heart Failure, Supplement, 2007, 6, 102-102.	0.2	0