Frederic Michon

List of Publications by Year
in descending order

32 papers	1,091 citations	430874 18 h-index	477307 29 g-index
38 all docs	38 docs citations	38 times ranked	1322 citing authors

#	Article	IF	Citations
1	Unilateral zebrafish corneal injury induces bilateral cell plasticity supporting wound closure. Scientific Reports, 2022, 12, 161.	3.3	7
2	Multicolor strategies for investigating clonal expansion and tissue plasticity. Cellular and Molecular Life Sciences, 2022, 79, 141.	5.4	8
3	Zebrafish Corneal Wound Healing: From Abrasion to Wound Closure Imaging Analysis. Journal of Visualized Experiments, 2022, , .	0.3	2
4	Sox21 Regulates Anapc10 Expression and Determines the Fate of Ectodermal Organ. IScience, 2020, 23, 101329.	4.1	20
5	Tooth bioengineering from single cell suspensions. MethodsX, 2019, 6, 2429-2438.	1.6	0
6	Dental Epithelial Stem Cells Express the Developmental Regulator Meis1. Frontiers in Physiology, 2019, 10, 249.	2.8	7
7	Ectodysplasin-A signaling is a key integrator in the lacrimal gland â€“ cornea feedback loop. Development (Cambridge), 2019, 146, .	2.5	14
8	Plasticity within the niche ensures the maintenance of a Sox2+ stem cell population in the mouse incisor. Development (Cambridge), 2018, 145, .	2.5	28
9	Bmi1+ Progenitor Cell Dynamics in Murine Cornea During Homeostasis and Wound Healing. Stem Cells, 2018, 36, 562-573.	3.2	15
10	Corneal Epithelial Abrasion with Ocular Burr As a Model for Cornea Wound Healing. Journal of Visualized Experiments, 2018, , .	0.3	11
11	Sox2 is necessary for the Cervical Loop formation and incisor renewal. Mechanisms of Development, 2017, 145, S170-S171.	1.7	0
12	Epithelial Markers aSMA, Krt14, and Krt19 Unveil Elements of Murine Lacrimal Gland Morphogenesis and Maturation. Frontiers in Physiology, 2017, 8, 739.	2.8	24
13	Sox2 and Lef-1 interact with Pitx2 to regulate incisor development and stem cell renewal. Development (Cambridge), 2016, 143, 4115-4126.	2.5	58
14	Mesenchymal Wnt/Î²-Catenin Signaling Controls Epithelial Stem Cell Homeostasis in Teeth by Inhibiting the Antiapoptotic Effect of Fgf10. Stem Cells, 2015, 33, 1670-1681.	3.2	26
15	Lin-28 Regulates Oogenesis and Muscle Formation in Drosophila melanogaster. PLoS ONE, 2014, 9, e101141.	2.5	21
16	An Evo-Devo perspective on ever-growing teeth in mammals and dental stem cell maintenance. Frontiers in Physiology, 2014, 5, 324.	2.8	25
17	The vertebrate corneal epithelium: From early specification to constant renewal. Developmental Dynamics, 2014, 243, 1226-1241.	1.8	27
18	Establishment of crownâ€“root domain borders in mouse incisor. Gene Expression Patterns, 2013, 13, 255-264.	0.8	4

#	Article	IF	Citations
19	Sox2 marks epithelial competence to generate teeth in mammals and reptiles. Development (Cambridge), 2013, 140, 1424-1432.	2.5	148
20	Data Mining Based Analysis of Genomic Location Shifts of Conserved Annotated miRNA Genes gives Preliminary Insights on Molecular Network Evolution. , 2013, , .		0
21	Identification and Validation of Human Papillomavirus Encoded microRNAs. PLoS ONE, 2013, 8, e70202.	2.5	61
22	Sox2+ Stem Cells Contribute to All Epithelial Lineages of the Tooth via Sfrp5+ Progenitors. Developmental Cell, 2012, 23, 317-328.	7.0	203
23	Analysis of Tissue Interactions in Ectodermal Organ Culture. Methods in Molecular Biology, 2012, 945, 401-416.	0.9	7
24	Tooth evolution and dental defects: From genetic regulation network to microâ€RNA fineâ€tuning. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 763-769.	1.6	24
25	Expression of MicroRNAs in the Stem Cell Niche of the Adult Mouse Incisor. PLoS ONE, 2011, 6, e24536.	2.5	34
26	Tooth morphogenesis and ameloblast differentiation are regulated by micro-RNAs. Developmental Biology, 2010, 340, 355-368.	2.0	102
27	The Dynamic Interest in Topics within the Biomedical Scientific Community. PLoS ONE, 2009, 4, e6544.	2.5	22
28	BMP2 and BMP7 play antagonistic roles in feather induction. Development (Cambridge), 2008, 135, 2797-2805.	2.5	88
29	Dermal condensation formation in the chick embryo: Requirement for integrin engagement and subsequent stabilization by a possible Notch/integrin interaction. Developmental Dynamics, 2007, 236, 755-768.	1.8	22
30	What is the biological basis of pattern formation of skin lesions?. Experimental Dermatology, 2006, 15, 547-549.	2.9	25
31	Viewpoint 4. Experimental Dermatology, 2006, 15, 559-564.	2.9	0
32	The different steps of skin formation in vertebrates.. International Journal of Developmental Biology, 2004, 48, 107-115.	0.6	56