

# Frederic Michon

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Sox2+ Stem Cells Contribute to All Epithelial Lineages of the Tooth via Sfrp5+ Progenitors. <i>Developmental Cell</i> , 2012, 23, 317-328.	7.0	203
2	Sox2 marks epithelial competence to generate teeth in mammals and reptiles. <i>Development (Cambridge)</i> , 2013, 140, 1424-1432.	2.5	148
3	Tooth morphogenesis and ameloblast differentiation are regulated by micro-RNAs. <i>Developmental Biology</i> , 2010, 340, 355-368.	2.0	102
4	BMP2 and BMP7 play antagonistic roles in feather induction. <i>Development (Cambridge)</i> , 2008, 135, 2797-2805.	2.5	88
5	Identification and Validation of Human Papillomavirus Encoded microRNAs. <i>PLoS ONE</i> , 2013, 8, e70202.	2.5	61
6	<i>Sox2</i> and <i>Lef-1</i> interact with <i>Pitx2</i> to regulate incisor development and stem cell renewal. <i>Development (Cambridge)</i> , 2016, 143, 4115-4126.	2.5	58
7	The different steps of skin formation in vertebrates.. <i>International Journal of Developmental Biology</i> , 2004, 48, 107-115.	0.6	56
8	Expression of MicroRNAs in the Stem Cell Niche of the Adult Mouse Incisor. <i>PLoS ONE</i> , 2011, 6, e24536.	2.5	34
9	Plasticity within the niche ensures the maintenance of a <i>Sox2</i> + stem cell population in the mouse incisor. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	28
10	The vertebrate corneal epithelium: From early specification to constant renewal. <i>Developmental Dynamics</i> , 2014, 243, 1226-1241.	1.8	27
11	Mesenchymal Wnt/ $\beta$ -Catenin Signaling Controls Epithelial Stem Cell Homeostasis in Teeth by Inhibiting the Antiapoptotic Effect of Fgf10. <i>Stem Cells</i> , 2015, 33, 1670-1681.	3.2	26
12	What is the biological basis of pattern formation of skin lesions?. <i>Experimental Dermatology</i> , 2006, 15, 547-549.	2.9	25
13	An Evo-Devo perspective on ever-growing teeth in mammals and dental stem cell maintenance. <i>Frontiers in Physiology</i> , 2014, 5, 324.	2.8	25
14	Tooth evolution and dental defects: From genetic regulation network to microRNA fine-tuning. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 763-769.	1.6	24
15	Epithelial Markers $\alpha$ SMA, Krt14, and Krt19 Unveil Elements of Murine Lacrimal Gland Morphogenesis and Maturation. <i>Frontiers in Physiology</i> , 2017, 8, 739.	2.8	24
16	Dermal condensation formation in the chick embryo: Requirement for integrin engagement and subsequent stabilization by a possible Notch/integrin interaction. <i>Developmental Dynamics</i> , 2007, 236, 755-768.	1.8	22
17	The Dynamic Interest in Topics within the Biomedical Scientific Community. <i>PLoS ONE</i> , 2009, 4, e6544.	2.5	22
18	Lin-28 Regulates Oogenesis and Muscle Formation in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2014, 9, e101141.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Sox21 Regulates Anapc10 Expression and Determines the Fate of Ectodermal Organ. IScience, 2020, 23, 101329.	4.1	20
20	<i>Bmi1</i> Progenitor Cell Dynamics in Murine Cornea During Homeostasis and Wound Healing. Stem Cells, 2018, 36, 562-573.	3.2	15
21	Ectodysplasin-A signaling is a key integrator in the lacrimal gland "cornea feedback loop. Development (Cambridge), 2019, 146, .	2.5	14
22	Corneal Epithelial Abrasion with Ocular Burr As a Model for Cornea Wound Healing. Journal of Visualized Experiments, 2018, , .	0.3	11
23	Multicolor strategies for investigating clonal expansion and tissue plasticity. Cellular and Molecular Life Sciences, 2022, 79, 141.	5.4	8
24	Analysis of Tissue Interactions in Ectodermal Organ Culture. Methods in Molecular Biology, 2012, 945, 401-416.	0.9	7
25	Dental Epithelial Stem Cells Express the Developmental Regulator Meis1. Frontiers in Physiology, 2019, 10, 249.	2.8	7
26	Unilateral zebrafish corneal injury induces bilateral cell plasticity supporting wound closure. Scientific Reports, 2022, 12, 161.	3.3	7
27	Establishment of crown"root domain borders in mouse incisor. Gene Expression Patterns, 2013, 13, 255-264.	0.8	4
28	Zebrafish Corneal Wound Healing: From Abrasion to Wound Closure Imaging Analysis. Journal of Visualized Experiments, 2022, , .	0.3	2
29	Viewpoint 4. Experimental Dermatology, 2006, 15, 559-564.	2.9	0
30	Data Mining Based Analysis of Genomic Location Shifts of Conserved Annotated miRNA Genes gives Preliminary Insights on Molecular Network Evolution. , 2013, , .		0
31	Sox2 is necessary for the Cervical Loop formation and incisor renewal. Mechanisms of Development, 2017, 145, S170-S171.	1.7	0
32	Tooth bioengineering from single cell suspensions. MethodsX, 2019, 6, 2429-2438.	1.6	0