

Benjamin Fournier

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,219
citations

516561

16
h-index

395590

33
g-index

45
all docs

45
docs citations

45
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	PTEN regulates proliferation and osteogenesis of dental pulp cells and adipogenesis of human adipose-derived stem cells. <i>Oral Diseases</i> , 2023, 29, 735-746.	1.5	3
2	Fabrication of micropores on titanium implants using femtosecond laser technology: Perpendicular attachment of connective tissues as a pilot study. <i>Optics and Laser Technology</i> , 2022, 148, 107624.	2.2	12
3	Transcriptional Regulation of Jaw Osteoblasts: Development to Pathology. <i>Journal of Dental Research</i> , 2022, 101, 859-869.	2.5	7
4	The utilisation of resolvins in medicine and tissue engineering. <i>Acta Biomaterialia</i> , 2022, 140, 116-135.	4.1	7
5	Efficient isolation of human gingival stem cells in a new serum-free medium supplemented with platelet lysate and growth hormone for osteogenic differentiation enhancement. <i>Stem Cell Research and Therapy</i> , 2022, 13, 125.	2.4	4
6	Orchestrating soft tissue integration at the transmucosal region of titanium implants. <i>Acta Biomaterialia</i> , 2021, 124, 33-49.	4.1	88
7	Race to invade: Understanding soft tissue integration at the transmucosal region of titanium dental implants. <i>Dental Materials</i> , 2021, 37, 816-831.	1.6	87
8	Influence of Bioinspired Lithium-Doped Titanium Implants on Gingival Fibroblast Bioactivity and Biofilm Adhesion. <i>Nanomaterials</i> , 2021, 11, 2799.	1.9	4
9	Extracellular Matrix Derived From Dental Pulp Stem Cells Promotes Mineralization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 740712.	2.0	11
10	Transcriptome analysis of basic fibroblast growth factor treated stem cells isolated from human exfoliated deciduous teeth. <i>Heliyon</i> , 2020, 6, e04246.	1.4	9
11	Fabrication of biocompatible and bioabsorbable polycaprolactone/ magnesium hydroxide 3D printed scaffolds: Degradation and in vitro osteoblasts interactions. <i>Composites Part B: Engineering</i> , 2020, 197, 108158.	5.9	64
12	Gingival inflammation, enamel defects, and tooth sensitivity in children with amelogenesis imperfecta: a case-control study. <i>Journal of Applied Oral Science</i> , 2020, 28, e20200170.	0.7	5
13	Elements of morphology: Standard terminology for the teeth and classifying genetic dental disorders. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1913-1981.	0.7	41
14	Oral manifestations of sickle cell disease. <i>British Dental Journal</i> , 2019, 226, 27-31.	0.3	18
15	Translation and cross-cultural validation of the French version of the Sleep-Related Breathing Disorder scale of the Pediatric Sleep Questionnaire. <i>Sleep Medicine</i> , 2019, 58, 123-129.	0.8	14
16	Head to Knee: Cranial Neural Crest-Derived Cells as Promising Candidates for Human Cartilage Repair. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	9
17	Oral Manifestations of Neurofibromatosis Type 1. <i>Journal of Cosmetics Dermatological Sciences and Applications</i> , 2019, 09, 41-55.	0.1	1
18	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. <i>Biomaterials</i> , 2018, 172, 41-53.	5.7	27

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19	Interleukin 6 promotes an <i>in vitro</i> mineral deposition by stem cells isolated from human exfoliated deciduous teeth. Royal Society Open Science, 2018, 5, 180864.	1.1	6
20	Amelogenesis imperfecta: therapeutic strategy from primary to permanent dentition across case reports. BMC Oral Health, 2018, 18, 108.	0.8	15
21	Patterns of Dental Agenesis Highlight the Nature of the Causative Mutated Genes. Journal of Dental Research, 2018, 97, 1306-1316.	2.5	48
22	In vitro effects of two silicate-based materials, Biodentine and BioRoot RCS, on dental pulp stem cells in models of reactionary and reparative dentinogenesis. PLoS ONE, 2018, 13, e0190014.	1.1	45
23	Unbound monomers do diffuse through the dentin barrier. Dental Materials, 2017, 33, 743-751.	1.6	15
24	Validation of Housekeeping Genes to Study Human Gingival Stem Cells and Their <i>In Vitro</i> Osteogenic Differentiation Using Real-Time RT-qPCR. Stem Cells International, 2016, 2016, 1-17.	1.2	14
25	A targeted next-generation sequencing assay for the molecular diagnosis of genetic disorders with orodental involvement. Journal of Medical Genetics, 2016, 53, 98-110.	1.5	100
26	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. PLoS ONE, 2016, 11, e0155450.	1.1	10
27	Characterisation of human gingival neural crest-derived stem cells in monolayer and neurosphere cultures. , 2016, 31, 40-58.		42
28	Comparative study of abdominal and thoracic aortic aneurysms: their pathogenesis and a gingival fibroblasts-based ex vivo treatment. SpringerPlus, 2015, 4, 231.	1.2	12
29	Isolated dentinogenesis imperfecta and dentin dysplasia: revision of the classification. European Journal of Human Genetics, 2015, 23, 445-451.	1.4	90
30	Formation of Cartilage and Synovial Tissue by Human Gingival Stem Cells. Stem Cells and Development, 2014, 23, 2895-2907.	1.1	23
31	Distinct phenotype and therapeutic potential of gingival fibroblasts. Cytotherapy, 2014, 16, 1171-1186.	0.3	61
32	Orthodontia-implantology-prosthodontics in rare diseases: the oligodontia example. Journal of Dentofacial Anomalies and Orthodontics, 2014, 17, 204.	0.0	0
33	Interaction orthodontie-implantologie et prothèse dans les maladies rares l'exemple des oligodonties. Revue D'orthopedie Dento-faciale, 2014, 48, 55-64.	0.0	0
34	Gingiva as a Source of Stem Cells with Therapeutic Potential. Stem Cells and Development, 2013, 22, 3157-3177.	1.1	82
35	Endoluminal Gingival Fibroblast Transfer Reduces the Size of Rabbit Carotid Aneurysms via Elastin Repair. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1892-1901.	1.1	14
36	Oral phenotype and scoring of vascular Ehlers-Danlos syndrome: a case-control study. BMJ Open, 2012, 2, e000705.	0.8	18

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37	Gingival fibroblasts inhibit activity of metalloproteinase: A path toward cell therapy?. Joint Bone Spine, 2012, 79, 201-202.	0.8	1
38	Phenotypic Study of Human Gingival Fibroblasts in a Medium Enriched With Platelet Lysate. Journal of Periodontology, 2011, 82, 632-641.	1.7	17
39	Inhibition of elastin and collagen networks degradation in human skin by gingival fibroblast. In vitro, ex vivo and in vivo studies.. Journal of Cosmetics Dermatological Sciences and Applications, 2011, 01, 4-14.	0.1	3
40	Fusiform Aneurysm Model in Rabbit Carotid Artery. Journal of Vascular Research, 2010, 47, 61-68.	0.6	11
41	Multipotent Progenitor Cells in Gingival Connective Tissue. Tissue Engineering - Part A, 2010, 16, 2891-2899.	1.6	141
42	Gingival fibroblast inhibits MMP-7: Evaluation in an ex vivo aorta model. Journal of Molecular and Cellular Cardiology, 2009, 47, 296-303.	0.9	6
43	Preservation of Rabbit Aorta Elastin From Degradation by Gingival Fibroblasts in an Ex Vivo Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1984-1990.	1.1	22
44	Gingival Fibroblasts Inhibit MMP-1 and MMP-3 Activities in an Ex-Vivo Artery Model. Connective Tissue Research, 2007, 48, 300-308.	1.1	12
45	Oral Phenotype of Singletonâ€™Merten Syndrome: A Systematic Review Illustrated With a Case Report. Frontiers in Genetics, 0, 13, .	1.1	0