Benjamin Fournier

List of Publications by Year
in descending order

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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	Multipotent Progenitor Cells in Gingival Connective Tissue. Tissue Engineering - Part A, 2010, 16, 2891-2899.	1.6	141
2	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
3	Isolated dentinogenesis imperfecta and dentin dysplasia: revision of the classification. European Journal of Human Genetics, 2015, 23, 445-451.	1.4	90
4	Orchestrating soft tissue integration at the transmucosal region of titanium implants. Acta Biomaterialia, 2021, 124, 33-49.	4.1	88
5	Race to invade: Understanding soft tissue integration at the transmucosal region of titanium dental implants. Dental Materials, 2021, 37, 816-831.	1.6	87
6	Gingiva as a Source of Stem Cells with Therapeutic Potential. Stem Cells and Development, 2013, 22, 3157-3177.	1.1	82
7	Fabrication of biocompatible and bioabsorbable polycaprolactone/ magnesium hydroxide 3D printed scaffolds: Degradation and in vitro osteoblasts interactions. Composites Part B: Engineering, 2020, 197, 108158.	5.9	64
8	Distinct phenotype and therapeutic potential of gingival fibroblasts. Cytotherapy, 2014, 16, 1171-1186.	0.3	61
9	Patterns of Dental Agenesis Highlight the Nature of the Causative Mutated Genes. Journal of Dental Research, 2018, 97, 1306-1316.	2.5	48
10	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
11	Characterisation of human gingival neural crest-derived stem cells in monolayer and neurosphere cultures. , 2016, 31, 40-58.		42
12	Elements of morphology: Standard terminology for the teeth and classifying genetic dental disorders. American Journal of Medical Genetics, Part A, 2019, 179, 1913-1981.	0.7	41
13	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. Biomaterials, 2018, 172, 41-53.	5.7	27
14	Formation of Cartilage and Synovial Tissue by Human Gingival Stem Cells. Stem Cells and Development, 2014, 23, 2895-2907.	1.1	23
15	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
16	Oral phenotype and scoring of vascular Ehlersâ€“Danlos syndrome: a caseâ€“control study. BMJ Open, 2012, 2, e000705.	0.8	18
17	Oral manifestations of sickle cell disease. British Dental Journal, 2019, 226, 27-31.	0.3	18
18	Phenotypic Study of Human Gingival Fibroblasts in a Medium Enriched With Platelet Lysate. Journal of Periodontology, 2011, 82, 632-641.	1.7	17

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19	Unbound monomers do diffuse through the dentin barrier. Dental Materials, 2017, 33, 743-751.	1.6	15
20	Amelogenesis imperfecta: therapeutic strategy from primary to permanent dentition across case reports. BMC Oral Health, 2018, 18, 108.	0.8	15
21	Endoluminal Gingival Fibroblast Transfer Reduces the Size of Rabbit Carotid Aneurisms via Elastin Repair. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1892-1901.	1.1	14
22	Validation of Housekeeping Genes to Study Human Gingival Stem Cells and TheirIn VitroOsteogenic Differentiation Using Real-Time RT-qPCR. Stem Cells International, 2016, 2016, 1-17.	1.2	14
23	Translation and cross-cultural validation of the French version of the Sleep-Related Breathing Disorder scale of the Pediatric Sleep Questionnaire. Sleep Medicine, 2019, 58, 123-129.	0.8	14
24	Gingival Fibroblasts Inhibit MMP-1 and MMP-3 Activities in anEx-VivoArtery Model. Connective Tissue Research, 2007, 48, 300-308.	1.1	12
25	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
26	Fabrication of micropores on titanium implants using femtosecond laser technology: Perpendicular attachment of connective tissues as a pilot study. Optics and Laser Technology, 2022, 148, 107624.	2.2	12
27	Fusiform Aneurysm Model in Rabbit Carotid Artery. Journal of Vascular Research, 2010, 47, 61-68.	0.6	11
28	Extracellular Matrix Derived From Dental Pulp Stem Cells Promotes Mineralization. Frontiers in Bioengineering and Biotechnology, 2021, 9, 740712.	2.0	11
29	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. PLoS ONE, 2016, 11, e0155450.	1.1	10
30	Head to Knee: Cranial Neural Crest-Derived Cells as Promising Candidates for Human Cartilage Repair. Stem Cells International, 2019, 2019, 1-14.	1.2	9
31	Transcriptome analysis of basic fibroblast growth factor treated stem cells isolated from human exfoliated deciduous teeth. Heliyon, 2020, 6, e04246.	1.4	9
32	Transcriptional Regulation of Jaw Osteoblasts: Development to Pathology. Journal of Dental Research, 2022, 101, 859-869.	2.5	7
33	The utilisation of resolvins in medicine and tissue engineering. Acta Biomaterialia, 2022, 140, 116-135.	4.1	7
34	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
35	Interleukin 6 promotes an in vitro mineral deposition by stem cells isolated from human exfoliated deciduous teeth. Royal Society Open Science, 2018, 5, 180864.	1.1	6
36	Gingival inflammation, enamel defects, and tooth sensitivity in children with amelogenesis imperfecta: a case-control study. Journal of Applied Oral Science, 2020, 28, e20200170.	0.7	5

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37	Influence of Bioinspired Lithium-Doped Titanium Implants on Gingival Fibroblast Bioactivity and Biofilm Adhesion. Nanomaterials, 2021, 11, 2799.	1.9	4
38	Efficient isolation of human gingival stem cells in a new serum-free medium supplemented with platelet lysate and growth hormone for osteogenic differentiation enhancement. Stem Cell Research and Therapy, 2022, 13, 125.	2.4	4
39	PTEN regulates proliferation and osteogenesis of dental pulp cells and adipogenesis of human adiposeâ€derived stem cells. Oral Diseases, 2023, 29, 735-746.	1.5	3
40	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
41	Gingival fibroblasts inhibit activity of metalloproteinase: A path toward cell therapy?. Joint Bone Spine, 2012, 79, 201-202.	0.8	1
42	Oral Manifestations of Neurofibromatosis Type 1. Journal of Cosmetics Dermatological Sciences and Applications, 2019, 09, 41-55.	0.1	1
43	Orthodontia-implantology-prosthodontics in rare diseases: the oligodontia example. Journal of Dentofacial Anomalies and Orthodontics, 2014, 17, 204.	0.0	0
44	Interaction orthodontie-implantologie et prothÃ¨se dans les maladies rares lâ€™exemple des oligodonties. Revue D'orthopedie Dento-faciale, 2014, 48, 55-64.	0.0	0
45	Oral Phenotype of Singletonâ€“Merten Syndrome: A Systematic Review Illustrated With a Case Report. Frontiers in Genetics, 0, 13, .	1.1	0