

Benjamin Fournier

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,219
citations

516215

16
h-index

395343

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. <i>Tissue Engineering - Part A</i> , 2010, 16, 2891-2899.	1.6	141
2	A targeted next-generation sequencing assay for the molecular diagnosis of genetic disorders with orodental involvement. <i>Journal of Medical Genetics</i> , 2016, 53, 98-110.	1.5	100
3	Isolated dentinogenesis imperfecta and dentin dysplasia: revision of the classification. <i>European Journal of Human Genetics</i> , 2015, 23, 445-451.	1.4	90
4	Orchestrating soft tissue integration at the transmucosal region of titanium implants. <i>Acta Biomaterialia</i> , 2021, 124, 33-49.	4.1	88
5	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
6	Gingiva as a Source of Stem Cells with Therapeutic Potential. <i>Stem Cells and Development</i> , 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. <i>Composites Part B: Engineering</i> , 2020, 197, 108158.	5.9	64
8	Distinct phenotype and therapeutic potential of gingival fibroblasts. <i>Cytherapy</i> , 2014, 16, 1171-1186.	0.3	61
9	Patterns of Dental Agenesis Highlight the Nature of the Causative Mutated Genes. <i>Journal of Dental Research</i> , 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. <i>PLoS ONE</i> , 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. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1913-1981.	0.7	41
13	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. <i>Biomaterials</i> , 2018, 172, 41-53.	5.7	27
14	Formation of Cartilage and Synovial Tissue by Human Gingival Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 2895-2907.	1.1	23
15	Preservation of Rabbit Aorta Elastin From Degradation by Gingival Fibroblasts in an Ex Vivo Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1984-1990.	1.1	22
16	Oral phenotype and scoring of vascular Ehlers-Danlos syndrome: a case-control study. <i>BMJ Open</i> , 2012, 2, e000705.	0.8	18
17	Oral manifestations of sickle cell disease. <i>British Dental Journal</i> , 2019, 226, 27-31.	0.3	18
18	Phenotypic Study of Human Gingival Fibroblasts in a Medium Enriched With Platelet Lysate. <i>Journal of Periodontology</i> , 2011, 82, 632-641.	1.7	17

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19	Unbound monomers do diffuse through the dentin barrier. <i>Dental Materials</i> , 2017, 33, 743-751.	1.6	15
20	Amelogenesis imperfecta: therapeutic strategy from primary to permanent dentition across case reports. <i>BMC Oral Health</i> , 2018, 18, 108.	0.8	15
21	Endoluminal Gingival Fibroblast Transfer Reduces the Size of Rabbit Carotid Aneurysms via Elastin Repair. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1892-1901.	1.1	14
22	Validation of Housekeeping Genes to Study Human Gingival Stem Cells and Their <i>In Vitro</i> Osteogenic Differentiation Using Real-Time RT-qPCR. <i>Stem Cells International</i> , 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. <i>Sleep Medicine</i> , 2019, 58, 123-129.	0.8	14
24	Gingival Fibroblasts Inhibit MMP-1 and MMP-3 Activities in an <i>Ex-Vivo</i> Artery Model. <i>Connective Tissue Research</i> , 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. <i>SpringerPlus</i> , 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. <i>Optics and Laser Technology</i> , 2022, 148, 107624.	2.2	12
27	Fusiform Aneurysm Model in Rabbit Carotid Artery. <i>Journal of Vascular Research</i> , 2010, 47, 61-68.	0.6	11
28	Extracellular Matrix Derived From Dental Pulp Stem Cells Promotes Mineralization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 740712.	2.0	11
29	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0155450.	1.1	10
30	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
31	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
32	Transcriptional Regulation of Jaw Osteoblasts: Development to Pathology. <i>Journal of Dental Research</i> , 2022, 101, 859-869.	2.5	7
33	The utilisation of resolvins in medicine and tissue engineering. <i>Acta Biomaterialia</i> , 2022, 140, 116-135.	4.1	7
34	Gingival fibroblast inhibits MMP-7: Evaluation in an ex vivo aorta model. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 296-303.	0.9	6
35	Interleukin 6 promotes an <i>in vitro</i> mineral deposition by stem cells isolated from human exfoliated deciduous teeth. <i>Royal Society Open Science</i> , 2018, 5, 180864.	1.1	6
36	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

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37	Influence of Bioinspired Lithium-Doped Titanium Implants on Gingival Fibroblast Bioactivity and Biofilm Adhesion. <i>Nanomaterials</i> , 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. <i>Stem Cell Research and Therapy</i> , 2022, 13, 125.	2.4	4
39	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
40	Inhibition of elastin and collagen networks degradation in human skin by gingival fibroblast. In vitro, ex vivo and in vivo studies.. <i>Journal of Cosmetics Dermatological Sciences and Applications</i> , 2011, 01, 4-14.	0.1	3
41	Gingival fibroblasts inhibit activity of metalloproteinase: A path toward cell therapy?. <i>Joint Bone Spine</i> , 2012, 79, 201-202.	0.8	1
42	Oral Manifestations of Neurofibromatosis Type 1. <i>Journal of Cosmetics Dermatological Sciences and Applications</i> , 2019, 09, 41-55.	0.1	1
43	Orthodontia-implantology-prosthodontics in rare diseases: the oligodontia example. <i>Journal of Dentofacial Anomalies and Orthodontics</i> , 2014, 17, 204.	0.0	0
44	Interaction orthodontie-implantologie et prothèse dans les maladies rares l'exemple des oligodonties. <i>Revue D'orthopedie Dento-faciale</i> , 2014, 48, 55-64.	0.0	0
45	Oral Phenotype of Singleton-Merten Syndrome: A Systematic Review Illustrated With a Case Report. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0