

Jean-Christophe Fricain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1367825/publications.pdf>

Version: 2024-02-01

100
papers

2,782
citations

279487

23
h-index

182168

51
g-index

107
all docs

107
docs citations

107
times ranked

3881
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ printing of mesenchymal stromal cells, by laser-assisted bioprinting, for in vivo bone regeneration applications. <i>Scientific Reports</i> , 2017, 7, 1778.	1.6	307
2	<i>In vivo</i> bioprinting for computer- and robotic-assisted medical intervention: preliminary study in mice. <i>Biofabrication</i> , 2010, 2, 014101.	3.7	244
3	Characterization of printed PLA scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 887-894.	2.1	227
4	A nano-hydroxyapatite " Pullulan/dextran polysaccharide composite macroporous material for bone tissue engineering. <i>Biomaterials</i> , 2013, 34, 2947-2959.	5.7	197
5	The effect of the co-immobilization of human osteoprogenitors and endothelial cells within alginate microspheres on mineralization in a bone defect. <i>Biomaterials</i> , 2009, 30, 3271-3278.	5.7	192
6	Laser-assisted bioprinting for creating on-demand patterns of human osteoprogenitor cells and nano-hydroxyapatite. <i>Biofabrication</i> , 2011, 3, 025001.	3.7	192
7	Effect of laser energy, substrate film thickness and bioink viscosity on viability of endothelial cells printed by Laser-Assisted Bioprinting. <i>Applied Surface Science</i> , 2011, 257, 5142-5147.	3.1	111
8	Layer-by-Layer Tissue Microfabrication Supports Cell Proliferation <i>In Vitro</i> and <i>In Vivo</i> . <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 62-70.	1.1	98
9	Drilled Hole Defects in Mouse Femur as Models of Intramembranous Cortical and Cancellous Bone Regeneration. <i>Calcified Tissue International</i> , 2010, 86, 72-81.	1.5	88
10	3D printed polymer-mineral composite biomaterials for bone tissue engineering: Fabrication and characterization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2579-2595.	1.6	88
11	<i>In situ</i> prevascularization designed by laser-assisted bioprinting: effect on bone regeneration. <i>Biofabrication</i> , 2019, 11, 045002.	3.7	82
12	Laser-assisted 3D bioprinting of exocrine pancreas spheroid models for cancer initiation study. <i>Biofabrication</i> , 2020, 12, 035001.	3.7	59
13	Laser-assisted bioprinting to deal with tissue complexity in regenerative medicine. <i>MRS Bulletin</i> , 2011, 36, 1015-1019.	1.7	54
14	Bone sialoprotein, but not osteopontin, deficiency impairs the mineralization of regenerating bone during cortical defect healing. <i>Bone</i> , 2010, 46, 447-452.	1.4	53
15	Claudin-16 Deficiency Impairs Tight Junction Function in Ameloblasts, Leading to Abnormal Enamel Formation. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 498-513.	3.1	50
16	Physicochemical modulation of chitosan-based hydrogels induces different biological responses: Interest for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3666-3676.	2.1	47
17	A patient-administered Medical Risk Related History questionnaire (EMRRH) for use in 10 European countries (multicenter trial). <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 597-605.	1.6	46
18	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by <i>CLDN19</i> gene mutations. <i>Journal of Medical Genetics</i> , 2017, 54, 26-37.	1.5	45

#	ARTICLE	IF	CITATIONS
19	Layer-by-layer bioassembly of cellularized polylactic acid porous membranes for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 78.	1.7	34
20	Comparison of the impact of preservation methods on amniotic membrane properties for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 104, 109903.	3.8	33
21	Pullulan/dextran/nHA Macroporous Composite Beads for Bone Repair in a Femoral Condyle Defect in Rats. <i>PLoS ONE</i> , 2014, 9, e110251.	1.1	32
22	Recurrent Superficial Mucoceles Associated With Lichenoid Disorders. <i>Journal of Oral and Maxillofacial Surgery</i> , 2006, 64, 1830-1833.	0.5	30
23	Subcutaneous-induced membranes have no osteoinductive effect on macroporous HA-TCF in vivo. <i>Journal of Orthopaedic Research</i> , 2009, 27, 155-161.	1.2	29
24	Similarities between induced membrane and amniotic membrane: Novelty for bone repair. <i>Placenta</i> , 2017, 59, 116-123.	0.7	26
25	Assessment of fresh and preserved amniotic membrane for guided bone regeneration in mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2044-2056.	2.1	26
26	The periosteum-like effect of fresh human amniotic membrane on bone regeneration in a rabbit critical-sized defect model. <i>Bone</i> , 2018, 110, 392-404.	1.4	25
27	Geographic Tongue Induced by Angiogenesis Inhibitors. <i>Oncologist</i> , 2013, 18, e16-e17.	1.9	23
28	Human amniotic membrane for guided bone regeneration of calvarial defects in mice. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 78.	1.7	22
29	Laser-Assisted Bioprinting for Tissue Engineering. , 2013, , 95-118.		21
30	Laser-Assisted Bioprinting for Bone Repair. <i>Methods in Molecular Biology</i> , 2020, 2140, 135-144.	0.4	21
31	Cartography of the mechanical properties of the human amniotic membrane. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 99, 18-26.	1.5	20
32	Mathematical modelling of the distribution of newly formed bone in bone tissue engineering. <i>Biomaterials</i> , 2005, 26, 6788-6797.	5.7	18
33	Biphasic calcium phosphate to repair nasal septum: The first in vitro and in vivo study. <i>Acta Biomaterialia</i> , 2010, 6, 909-919.	4.1	18
34	Comparative study of membranes induced by PMMA or silicone in rats, and influence of external radiotherapy. <i>Acta Biomaterialia</i> , 2015, 19, 119-127.	4.1	17
35	A Bibliometric Study to Assess Bioprinting Evolution. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1331.	1.3	17
36	Magnetic Resonance Imaging for tracking cellular patterns obtained by Laser-Assisted Bioprinting. <i>Scientific Reports</i> , 2018, 8, 15777.	1.6	17

#	ARTICLE	IF	CITATIONS
37	<i>In vitro</i> and <i>in vivo</i> evaluation of the inflammatory potential of various nanoporous hydroxyapatite biomaterials. <i>Nanomedicine</i> , 2015, 10, 785-802.	1.7	12
38	An easy-to-use and versatile method for building cell-laden microfibres. <i>Scientific Reports</i> , 2016, 6, 33328.	1.6	12
39	Assessment of Biphasic Calcium Phosphate to Repair Nasal Septum Defects in Sheep. <i>Plastic and Reconstructive Surgery</i> , 2011, 127, 107-116.	0.7	11
40	Statins and alveolar bone resorption: a narrative review of preclinical and clinical studies. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 65-73.	0.2	9
41	Web-Based Information on the Treatment of Tobacco Dependence for Oral Health Professionals: Analysis of English-Written Websites. <i>Journal of Medical Internet Research</i> , 2017, 19, e349.	2.1	9
42	Bone regeneration in both small and large preclinical bone defect models using an injectable polymer-based substitute containing hydroxyapatite and reconstituted with saline or autologous blood. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1840-1848.	2.1	8
43	Geographic stomatitis with palate involvement. <i>Anais Brasileiros De Dermatologia</i> , 2019, 94, 449-451.	0.5	8
44	Comparison of Conventional Transcrestal Sinus Lift and Ultrasound-Enhanced Transcrestal Hydrodynamic Cavitation Sinus Lift for the Filling of Subantral Space: A Human Cadaver Study. <i>Journal of Oral Implantology</i> , 2015, 41, 657-661.	0.4	7
45	Collagen Fibrils of Human Acellular Extrinsic Fiber Cementum. <i>Journal of Periodontology</i> , 2008, 79, 1095-1100.	1.7	6
46	In Vivo and In Situ Biofabrication by Laser-Assisted Bioprinting. , 2015, , 81-87.		6
47	Efficacy of orally administered prednisolone versus partial endodontic treatment on pain reduction in emergency care of acute irreversible pulpitis of mandibular molars: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 141.	0.7	4
48	Layer-by-layer bioassembly of poly(lactic) acid membranes loaded with coculture of HBMSCs and EPCs improves vascularization in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2629-2642.	2.1	4
49	Towards an in vitro model of glomerular barrier unit with an innovative bioassembly method. <i>Nephrology Dialysis Transplantation</i> , 2019, 35, 240-250.	0.4	4
50	Complications maxillo-faciales associées à la pycnodysostose: présentation de deux cas cliniques et revue de la littérature. <i>Medicine Buccale Chirurgie Buccale</i> , 2015, 21, 169-176.	0.1	4
51	Guided Implant Surgery to Reduce Morbidity in Von Willebrand Disease Patients: A Case Report. <i>Open Dentistry Journal</i> , 2018, 12, 80-86.	0.2	4
52	A Role for CD154, the CD40 Ligand, in Granulomatous Inflammation. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	1.4	3
53	Intra-volume processing of gelatine hydrogel by femtosecond laser-induced cavitation. <i>Lasers in Medical Science</i> , 2021, 36, 197-206.	1.0	3
54	Manifestations buccales caractéristiques d'un déficit en vitamine B ₁₂ : À propos d'un cas. <i>Medicine Buccale Chirurgie Buccale</i> , 2007, 13, 213-217.	0.1	3

#	ARTICLE	IF	CITATIONS
55	The dentist's role in smoking cessation management " a literature review and recommendations: part 1. Dental Update, 2018, 45, 197-206.	0.1	2
56	The dentist's role in smoking cessation management " a literature review and recommendations: part 2. Dental Update, 2018, 45, 298-309.	0.1	2
57	High-Throughput Biological Laser Printing: Droplet Ejection Mechanism, Integration of a Dedicated Workstation, and Bioprinting of Cells and Biomaterials. , 2010, , 95-113.		2
58	UlĀration linguale avec dysphagie Ā l'origine du diagnostic d'une tuberculose pulmonaire. Medecine Buccale Chirurgie Buccale, 2012, 18, 39-43.	0.1	2
59	Revue systĀmatique des facteurs de risque modifiables des cancers de la muqueuse buccale. Medecine Buccale Chirurgie Buccale, 2012, 18, 25-37.	0.1	2
60	Carcinome verruqueux buccal traitĀ par mĀthotrexate. Medecine Buccale Chirurgie Buccale, 2014, 20, 21-25.	0.1	2
61	Sweet's syndrome revealed by oral pustulosis. Medecine Buccale Chirurgie Buccale, 2015, 21, 177-181.	0.1	2
62	Drug-induced oralĀmucous membrane pemphigoid: a case report. Medecine Buccale Chirurgie Buccale, 2017, 23, 181-183.	0.1	2
63	La sialomĀtplasie nĀcrosante : revue systĀmatique de la littĀrature. Medecine Buccale Chirurgie Buccale, 2012, 18, 347-359.	0.1	2
64	Arteriovenous malformation (AVM) of the maxilla complicated by a local pathogen infection. BMJ Case Reports, 2013, 2013, bcr2012007617-bcr2012007617.	0.2	2
65	La chirurgie orale sauvera-t-elle la mĀdecine orale? Medecine Buccale Chirurgie Buccale, 2016, 22, 161-162.	0.1	2
66	Nivolumab-induced oral and cutaneous bullous pemphigoid: A case report. Journal of Oral Medicine and Oral Surgery, 2019, 25, 17.	0.2	2
67	Grossesse et Ātat bucco-dentaire. Actualites Pharmaceutiques, 2018, 57, 32-34.	0.0	1
68	ChĀrubismeĀ: prĀsentation d'un cas clinique suivi pendant 10Āans et revue de littĀrature. Medecine Buccale Chirurgie Buccale, 2016, 22, 119-122.	0.1	1
69	An Oral Mucosa Study Group was born: GEMUB. Journal of Oral Medicine and Oral Surgery, 2018, 24, 1-1.	0.2	1
70	Biofabrication of a vascular capillary by ultra-short laser pulses. , 2019, , .		1
71	Kyste mandibulaire bilatĀral vestibulaire surinfectĀ. Medecine Buccale Chirurgie Buccale, 2011, 17, 133-136.	0.1	1
72	Carcinome ĀpidermoĀde buccal chez le sujet jeuneĀ: prĀsentation d'un cas. Medecine Buccale Chirurgie Buccale, 2013, 19, 39-43.	0.1	1

#	ARTICLE	IF	CITATIONS
73	Thrombose de l'artère palatine ?. Medecine Buccale Chirurgie Buccale, 2013, 19, 63-64.	0.1	1
74	Néovus mélanocytaire composé palatin chez un enfant de 3 ans. Medecine Buccale Chirurgie Buccale, 2015, 21, 43-44.	0.1	1
75	Nouvelles recommandations, nouvelle pratique!. Medecine Buccale Chirurgie Buccale, 2015, 21, S3-S4.	0.1	1
76	Intérêt des éponges de collagène pour prévenir la résorption osseuse alvéolaire post-extractionnelle : revue systématique de la littérature. Medecine Buccale Chirurgie Buccale, 2016, 22, 221-232.	0.1	1
77	Persistent ulceration of the oral floor: a case of necrotizing sialometaplasia of the sublingual gland?. Medecine Buccale Chirurgie Buccale, 2017, 23, 188-189.	0.1	1
78	Mandibular exostosis following an epithelial-conjunctival graft: a case report. Journal of Oral Medicine and Oral Surgery, 2019, 25, 14.	0.2	1
79	Reproducibility of tissue autofluorescence for screening potentially malignant disorders. Journal of Oral Medicine and Oral Surgery, 2020, 26, 41.	0.2	1
80	Pterygoid hamulus syndrome: a case report. Journal of Oral Medicine and Oral Surgery, 2020, 26, 42.	0.2	1
81	Utilisation d'un calque dans le cadre des autotransplantations dentaires : à propos d'un cas. Medecine Buccale Chirurgie Buccale, 2009, 15, 177-181.	0.1	0
82	Lésions buccales d'ecthyma gangrenosum: présentation d'un cas. Medecine Buccale Chirurgie Buccale, 2012, 18, 49-51.	0.1	0
83	Complication après injection d'acide hyaluronique: présentation d'un cas. Medecine Buccale Chirurgie Buccale, 2013, 19, 167-171.	0.1	0
84	Aphthose de Bednar : une étiologie incertaine. Medecine Buccale Chirurgie Buccale, 2013, 19, 205-206.	0.1	0
85	Un cas de stomatite érosive : noma des pays riches ?. Medecine Buccale Chirurgie Buccale, 2014, 20, 27-34.	0.1	0
86	Pyostomatite végétante de la muqueuse orale: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2015, , .	0.1	0
87	Étude rétrospective de l'efficacité du Protopic® (tacrolimus) dans le traitement de la langue géographique algique. Medecine Buccale Chirurgie Buccale, 2015, 21, 85-89.	0.1	0
88	Gingivites ou gingivopathies: à vous de choisir!. Medecine Buccale Chirurgie Buccale, 2015, 21, 59-60.	0.1	0
89	Syndrome d'Ascher: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2015, 21, 163-167.	0.1	0
90	Molluscum contagiosum de la muqueuse orale: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2016, 22, 31-34.	0.1	0

#	ARTICLE	IF	CITATIONS
91	Syndrome APECED et lichen plan atrophique: un cas. <i>Medecine Buccale Chirurgie Buccale</i> , 2016, 22, 113-117.	0.1	0
92	Amylose AL linguale compliquant un myélome multiple: cas clinique et revue de la littérature. <i>Medecine Buccale Chirurgie Buccale</i> , 2016, 22, 253-263.	0.1	0
93	Étude de faisabilité d'un greffon biofabriqué pour traiter des récessions parodontales. <i>Medecine Buccale Chirurgie Buccale</i> , 2016, 22, 331-335.	0.1	0
94	The road to indexing!. <i>Medecine Buccale Chirurgie Buccale</i> , 2017, 23, 75-76.	0.1	0
95	Difficulties in diagnosing lymphangiomas of the tongue treated with CO ₂ laser vaporization. <i>Medecine Buccale Chirurgie Buccale</i> , 2017, 23, 172-173.	0.1	0
96	Oral ulcers in patients treated with palbociclib: a case report. <i>Journal of Oral Medicine and Oral Surgery</i> , 2018, 24, 60-62.	0.2	0
97	Dental implant practice in French West Indies and French Guyana: a cross-sectional study among dental practitioners. <i>Journal of Oral Medicine and Oral Surgery</i> , 2018, 24, 157-162.	0.2	0
98	Injection of ropivacaine combined with pregabalin in a patient with post-traumatic trigeminal neuropathic pain. <i>Journal of Oral Medicine and Oral Surgery</i> , 2018, 24, 178-181.	0.2	0
99	Labial vitiligo associated with a factice disorder: a case report. <i>Journal of Oral Medicine and Oral Surgery</i> , 2018, 24, 167-169.	0.2	0
100	Two white sponge nevus in a single family: case report. <i>Journal of Oral Medicine and Oral Surgery</i> , 2021, 27, 5.	0.2	0