

Sylvain Catros

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4032923/publications.pdf>

Version: 2024-02-01

70
papers

3,287
citations

318942

23
h-index

169272

56
g-index

72
all docs

72
docs citations

72
times ranked

4289
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of commercial 3D printers for the fabrication of surgical guides in dental implantology. Journal of Dentistry, 2022, 117, 103909.	1.7	27
2	Malignant Transformation Rate of Oral Submucous Fibrosis: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2022, 11, 1793.	1.0	17
3	Development and characterization of a PLGA-HA composite material to fabricate 3D-printed scaffolds for bone tissue engineering. Materials Science and Engineering C, 2021, 118, 111334.	3.8	76
4	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. Journal of Biomedical Materials Research - Part A, 2021, 109, 1840-1848.	2.1	8
5	Applications of Human Amniotic Membrane for Tissue Engineering. Membranes, 2021, 11, 387.	1.4	46
6	Comparison of amniotic membrane versus the induced membrane for bone regeneration in long bone segmental defects using calcium phosphate cement loaded with BMP-2. Materials Science and Engineering C, 2021, 124, 112032.	3.8	20
7	Chorion and amnion/chorion membranes in oral and periodontal surgery: A systematic review. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1216-1229.	1.6	17
8	Two white sponge nevus in a single family: case report. Journal of Oral Medicine and Oral Surgery, 2021, 27, 5.	0.2	0
9	Membrane scaffolds for 3D cell culture. , 2020, , 157-189.		1
10	Effect of silver and strontium incorporation route on hydroxyapatite coatings elaborated by rf-SPS. Materialia, 2020, 12, 100809.	1.3	10
11	3D printed bone models in oral and cranio-maxillofacial surgery: a systematic review. 3D Printing in Medicine, 2020, 6, 30.	1.7	65
12	Assessment of fresh and preserved amniotic membrane for guided bone regeneration in mice. Journal of Biomedical Materials Research - Part A, 2020, 108, 2044-2056.	2.1	26
13	Alendronate or Zoledronic acid do not impair wound healing after tooth extraction in postmenopausal women with osteoporosis. Bone, 2020, 137, 115412.	1.4	9
14	Reproducibility of tissue autofluorescence for screening potentially malignant disorders. Journal of Oral Medicine and Oral Surgery, 2020, 26, 41.	0.2	1
15	Pterygoid hamulus syndrome: a case report. Journal of Oral Medicine and Oral Surgery, 2020, 26, 42.	0.2	1
16	Layer-by-layer bioassembly of poly(lactic) acid membranes loaded with coculture of HBMSCs and EPCs improves vascularization in vivo. Journal of Biomedical Materials Research - Part A, 2019, 107, 2629-2642.	2.1	4
17	Comparison of the impact of preservation methods on amniotic membrane properties for tissue engineering applications. Materials Science and Engineering C, 2019, 104, 109903.	3.8	33
18	Osseointegration of Superhydrophilic Implants Placed in Defect Grafted Bones. International Journal of Oral and Maxillofacial Implants, 2019, 34, 443-450.	0.6	18

#	ARTICLE	IF	CITATIONS
19	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
20	Micropatterning of endothelial cells to create a capillary-like network with defined architecture by laser-assisted bioprinting. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 28.	1.7	64
21	In-vitro and in-vivo design and validation of an injectable polysaccharide-hydroxyapatite composite material for sinus floor augmentation. <i>Dental Materials</i> , 2018, 34, 1024-1035.	1.6	14
22	The dentist's role in smoking cessation management – a literature review and recommendations: part 1. <i>Dental Update</i> , 2018, 45, 197-206.	0.1	2
23	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
24	Grossesse et État bucco-dentaire. <i>Actualites Pharmaceutiques</i> , 2018, 57, 32-34.	0.0	1
25	The dentist's role in smoking cessation management – a literature review and recommendations: part 2. <i>Dental Update</i> , 2018, 45, 298-309.	0.1	2
26	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
27	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
28	The proangiogenic potential of a novel calcium releasing composite biomaterial: Orthotopic in vivo evaluation. <i>Acta Biomaterialia</i> , 2017, 54, 377-385.	4.1	18
29	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
30	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
31	A Bibliometric Study to Assess Bioprinting Evolution. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1331.	1.3	17
32	Drug-induced oral mucous membrane pemphigoid: a case report. <i>Medecine Buccale Chirurgie Buccale</i> , 2017, 23, 181-183.	0.1	2
33	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
34	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
35	Persistent ulceration of the oral floor: a case of necrotizing sialometaplasia of the sublingual gland?. <i>Medecine Buccale Chirurgie Buccale</i> , 2017, 23, 188-189.	0.1	1
36	Patterning of Endothelial Cells and Mesenchymal Stem Cells by Laser-Assisted Bioprinting to Study Cell Migration. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	55

#	ARTICLE	IF	CITATIONS
37	The proangiogenic potential of a novel calcium releasing biomaterial: Impact on cell recruitment. Acta Biomaterialia, 2016, 29, 435-445.	4.1	39
38	Molluscum contagiosum de la muqueuse orale: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2016, 22, 31-34.	0.1	0
39	Syndrome APECED et lichen plan atrophique: un cas. Medecine Buccale Chirurgie Buccale, 2016, 22, 113-117.	0.1	0
40	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
41	Amylose AL linguale compliquant un myélome multiple: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2016, 22, 253-263.	0.1	0
42	Comparison of Conventional Transcrestal Sinus Lift and Ultrasound-Enhanced Transcrestal Hydrodynamic Cavitation Sinus Lift for the Filling of Subantral Space: A Human Cadaver Study. Journal of Oral Implantology, 2015, 41, 657-661.	0.4	7
43	In Vivo and In Situ Biofabrication by Laser-Assisted Bioprinting. , 2015, , 81-87.		6
44	The Use of Total Human Bone Marrow Fraction in a Direct Three-Dimensional Expansion Approach for Bone Tissue Engineering Applications: Focus on Angiogenesis and Osteogenesis. Tissue Engineering - Part A, 2015, 21, 861-874.	1.6	20
45	Statins and alveolar bone resorption: a narrative review of preclinical and clinical studies. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 65-73.	0.2	9
46	Evaluation of a Polyethylene Glycol-Osteogenic Protein-1 System on Alveolar Bone Regeneration in the Mini-Pig. Journal of Oral Implantology, 2015, 41, e96-e101.	0.4	8
47	Complications maxillo-faciales associées à la pycnodysostose: présentation de deux cas cliniques et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2015, 21, 169-176.	0.1	4
48	Pyostomatite végétante de la muqueuse orale: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2015, , .	0.1	0
49	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
50	Syndrome d'Ascher: cas clinique et revue de la littérature. Medecine Buccale Chirurgie Buccale, 2015, 21, 163-167.	0.1	0
51	Fibroblast Growth Factor-2 Isoform (Low Molecular Weight/18 kDa) Overexpression in Preosteoblast Cells Promotes Bone Regeneration in Critical Size Calvarial Defects in Male Mice. Endocrinology, 2014, 155, 965-974.	1.4	25
52	Pullulan/dextran/nHA Macroporous Composite Beads for Bone Repair in a Femoral Condyle Defect in Rats. PLoS ONE, 2014, 9, e110251.	1.1	32
53	Un cas de stomatite névrosante : noma des pays riches ?. Medecine Buccale Chirurgie Buccale, 2014, 20, 27-34.	0.1	0
54	A nano-hydroxyapatite " Pullulan/dextran polysaccharide composite macroporous material for bone tissue engineering. Biomaterials, 2013, 34, 2947-2959.	5.7	197

#	ARTICLE	IF	CITATIONS
55	Laser-Assisted Bioprinting for Tissue Engineering. , 2013, , 95-118.		21
56	Laser Assisted Bio-printing (LAB) of Cells and Bio-materials Based on Laser Induced Forward Transfer (LIFT). Biological and Medical Physics Series, 2013, , 193-209.	0.3	9
57	Use of a Perforated Scaffold-Retaining Abutment to Achieve Vertical Bone Regeneration Around Dental Implants in the Minipig. International Journal of Oral and Maxillofacial Implants, 2013, 28, 432-443.	0.6	15
58	Frequency of Barodontalgia Among Military or Civilian Pilots and Aircrew Members. Aviation, Space, and Environmental Medicine, 2013, 84, 1055-1060.	0.6	8
59	Layer-by-Layer Tissue Microfabrication Supports Cell Proliferation <i>In Vitro</i> and <i>In Vivo</i> . Tissue Engineering - Part C: Methods, 2012, 18, 62-70.	1.1	98
60	Laser-assisted bioprinting for creating on-demand patterns of human osteoprogenitor cells and nano-hydroxyapatite. Biofabrication, 2011, 3, 025001.	3.7	192
61	Effect of laser energy, substrate film thickness and bioink viscosity on viability of endothelial cells printed by Laser-Assisted Bioprinting. Applied Surface Science, 2011, 257, 5142-5147.	3.1	111
62	Laser-assisted bioprinting to deal with tissue complexity in regenerative medicine. MRS Bulletin, 2011, 36, 1015-1019.	1.7	54
63	Laser assisted bioprinting of engineered tissue with high cell density and microscale organization. Biomaterials, 2010, 31, 7250-7256.	5.7	686
64	<i>In vivo</i> bioprinting for computer- and robotic-assisted medical intervention: preliminary study in mice. Biofabrication, 2010, 2, 014101.	3.7	244
65	Laser-assisted cell printing: principle, physical parameters versus cell fate and perspectives in tissue engineering. Nanomedicine, 2010, 5, 507-515.	1.7	211
66	High-Throughput Biological Laser Printing: Droplet Ejection Mechanism, Integration of a Dedicated Workstation, and Bioprinting of Cells and Biomaterials. , 2010, , 95-113.		2
67	Ing�nierie tissulaire osseuse en chirurgie buccale et maxillo-faciale : applications cliniques. Medecine Buccale Chirurgie Buccale, 2010, 16, 227-237.	0.1	3
68	Subcutaneous�induced membranes have no osteoinductive effect on macroporous HA�TCP in vivo. Journal of Orthopaedic Research, 2009, 27, 155-161.	1.2	29
69	A Preliminary Investigation into the Effects of X-Ray Radiation on Superficial Cranial Vascularization. Calcified Tissue International, 2009, 84, 379-387.	1.5	13
70	Collagen Fibrils of Human Acellular Extrinsic Fiber Cementum. Journal of Periodontology, 2008, 79, 1095-1100.	1.7	6