

Benjamin E Pippenger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1432523/publications.pdf>

Version: 2024-02-01

34
papers

2,104
citations

471509

17
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

3142
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser assisted bioprinting of engineered tissue with high cell density and microscale organization. <i>Biomaterials</i> , 2010, 31, 7250-7256.	11.4	686
2	High-throughput laser printing of cells and biomaterials for tissue engineering. <i>Acta Biomaterialia</i> , 2010, 6, 2494-2500.	8.3	385
3	Laser-assisted bioprinting for creating on-demand patterns of human osteoprogenitor cells and nano-hydroxyapatite. <i>Biofabrication</i> , 2011, 3, 025001.	7.1	192
4	Enhancing the biological performance of synthetic polymeric materials by decoration with engineered, decellularized extracellular matrix. <i>Biomaterials</i> , 2012, 33, 5085-5093.	11.4	112
5	Adult human neural crest-derived cells for articular cartilage repair. <i>Science Translational Medicine</i> , 2014, 6, 251ra119.	12.4	108
6	TGF- β 2-induced differentiation into myofibroblasts involves specific regulation of two MKL1 isoforms. <i>Journal of Cell Science</i> , 2014, 127, 1079-91.	2.0	82
7	Osteoinductive potential of 4 commonly employed bone grafts. <i>Clinical Oral Investigations</i> , 2016, 20, 2259-2265.	3.0	71
8	Tissue decellularization by activation of programmed cell death. <i>Biomaterials</i> , 2013, 34, 6099-6108.	11.4	64
9	Engineered Extracellular Matrices as Biomaterials of Tunable Composition and Function. <i>Advanced Functional Materials</i> , 2017, 27, 1605486.	14.9	44
10	Histological assessment of hard and soft tissues surrounding a novel ceramic implant: a pilot study in the minipig. <i>Journal of Clinical Periodontology</i> , 2016, 43, 538-546.	4.9	42
11	Effect of Obesity or Metabolic Syndrome and Diabetes on Osseointegration of Dental Implants in a Miniature Swine Model: A Pilot Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 1677-1687.	1.2	38
12	Effect of Osteotomy Preparation on Osseointegration of Immediately Loaded, Tapered Dental Implants. <i>Advances in Dental Research</i> , 2016, 28, 34-41.	3.6	28
13	Effect of implant surface material and roughness to the susceptibility of primary gingival fibroblasts to inflammatory stimuli. <i>Dental Materials</i> , 2020, 36, e194-e205.	3.5	23
14	Integrative Performance Analysis of a Novel Bone Level Tapered Implant. <i>Advances in Dental Research</i> , 2016, 28, 28-33.	3.6	22
15	Surface modification of ultrafine-grained titanium: Influence on mechanical properties, cytocompatibility, and osseointegration potential. <i>Clinical Oral Implants Research</i> , 2019, 30, 99-110.	4.5	21
16	Absorbable collagen sponges loaded with recombinant bone morphogenetic protein 9 induces greater osteoblast differentiation when compared to bone morphogenetic protein 2. <i>Clinical and Experimental Dental Research</i> , 2017, 3, 32-40.	1.9	19
17	Ascorbic Acid Attenuates Senescence of Human Osteoarthritic Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2517.	4.1	19
18	Bone-forming capacity of adult human nasal chondrocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1390-1399.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Osseointegration of Superhydrophilic Implants Placed in Defect Grafted Bones. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 443-450.	1.4	18
20	Impact of Implant Surface Material and Microscale Roughness on the Initial Attachment and Proliferation of Primary Human Gingival Fibroblasts. <i>Biology</i> , 2021, 10, 356.	2.8	18
21	A Comparison of Tapered and Nontapered Implants in the Minipig. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016, 31, 1341-1347.	1.4	17
22	Comparative barrier membrane degradation over time: Pericardium versus dermal membranes. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 711-718.	1.9	15
23	Pooled thrombin-activated platelet-rich plasma: a substitute for fetal bovine serum in the engineering of osteogenic/vasculogenic grafts. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1542-1552.	2.7	11
24	Osteogain® loaded onto an absorbable collagen sponge induces attachment and osteoblast differentiation of ST2 cells in vitro. <i>Clinical Oral Investigations</i> , 2017, 21, 2265-2272.	3.0	9
25	Osseointegration of a novel injection molded 2-piece ceramic dental implant: a study in minipigs. <i>Clinical Oral Investigations</i> , 2021, 25, 603-615.	3.0	9
26	Peri-implant bone preservation of a novel, self-cutting, and fully tapered implant in the healed crestal ridge of minipigs: submerged vs. transgingival healing. <i>Clinical Oral Investigations</i> , 2021, 25, 6821-6832.	3.0	8
27	In vitro evaluation of an injectable biphasic calcium phosphate (BCP) carrier system combined with recombinant human bone morphogenetic protein (rhBMP)-9. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 293-304.	0.6	6
28	Thermal exposure of implant osteotomies and its impact on osseointegration—A preclinical in vivo study. <i>Clinical Oral Implants Research</i> , 2021, 32, 672-683.	4.5	6
29	Dimensional Changes Following Immediate and Delayed Implant Placement: A Histomorphometric Study in the Canine. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, 541-546.	1.4	4
30	Immediate loading of a fully tapered implant with deep apical threads placed in healed alveolar ridges vs. immediate extraction sockets. <i>Clinical Oral Implants Research</i> , 2022, 33, 501-510.	4.5	4
31	A novel fully tapered, self-cutting tissue-level implant: non-inferiority study in minipigs. <i>Clinical Oral Investigations</i> , 2021, 25, 6127-6137.	3.0	3
32	Influence of preformed bone defects on key pathogens and bone loss during experimental peri-implantitis formation in a canine model. <i>Journal of Oral Science</i> , 2021, 63, 152-156.	1.7	1
33	Greater Osseointegration Potential with Nanostructured Surfaces on TiZr: Accelerated vs. Real-Time Ageing. <i>Materials</i> , 2021, 14, 1678.	2.9	1
34	TGF- β 2-induced differentiation into myofibroblasts involves specific regulation of two MKL1 isoforms. <i>Development (Cambridge)</i> , 2014, 141, e707-e707.	2.5	0