

Weerachai Singhatanadgit

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

354
citations

840119

11
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Characterization of Stem Cell Clones from Adult Human Ligament. <i>Tissue Engineering - Part A</i> , 2009, 15, 2625-2636.	1.6	53
2	Up-regulation of bone morphogenetic protein receptor IB by growth factors enhances BMP-2-induced human bone cell functions. <i>Journal of Cellular Physiology</i> , 2006, 209, 912-922.	2.0	49
3	Zoledronic acid suppresses mineralization through direct cytotoxicity and osteoblast differentiation inhibition. <i>Journal of Oral Pathology and Medicine</i> , 2012, 41, 713-720.	1.4	42
4	<i>Cissus quadrangularis</i> extract enhances biomineralization through up-regulation of MAPK-dependent alkaline phosphatase activity in osteoblasts. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 194-200.	0.7	40
5	Highly osteogenic PDL stem cell clones specifically express elevated levels of ICAM1, ITGB1 and TERT. <i>Cytotechnology</i> , 2012, 64, 53-63.	0.7	22
6	Development of poly(butylene succinate)/calcium phosphate composites for bone engineering. <i>Composite Interfaces</i> , 2014, 21, 431-441.	1.3	19
7	Zirconia-Based Biomaterials for Hard Tissue Reconstruction. <i>Bone and Tissue Regeneration Insights</i> , 2018, 9, 1179061X1876788.	3.0	18
8	Stem cell adhesion and proliferation on hydrolyzed poly(butylene succinate)/ β -tricalcium phosphate composites. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 658-670.	2.1	17
9	Endogenous BMPR-IB signaling is required for early osteoblast differentiation of human bone cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 251-259.	0.7	16
10	Changes in bone morphogenetic protein receptor-IB localisation regulate osteogenic responses of human bone cells to bone morphogenetic protein-2. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2854-2864.	1.2	14
11	Enhanced osteogenic activity of a poly(butylene succinate)/calcium phosphate composite by simple alkaline hydrolysis. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 055008.	1.7	12
12	Titanium dioxide nanotubes of defined diameter enhance mesenchymal stem cell proliferation via JNK- and ERK-dependent up-regulation of fibroblast growth factor-2 by T lymphocytes. <i>Journal of Biomaterials Applications</i> , 2019, 33, 997-1010.	1.2	11
13	Effect of bidirectional loading on contact and force characteristics under a newly developed masticatory simulator with a dual-direction loading system. <i>Dental Materials Journal</i> , 2016, 35, 952-961.	0.8	8
14	Antibacterial and osteogenic activities of clindamycin-releasing mesoporous silica/carboxymethyl chitosan composite hydrogels. <i>Royal Society Open Science</i> , 2021, 8, 210808.	1.1	8
15	Osteoinduction of stem cells by collagen peptide-immobilized hydrolyzed poly(butylene) Applications, 2017, 31, 859-870.	1.2	7
16	Geranylgeraniol prevents zoledronic acid-mediated reduction of viable mesenchymal stem cells via induction of Rho-dependent YAP activation. <i>Royal Society Open Science</i> , 2021, 8, 202066.	1.1	7
17	Osteogenic potency of a 3-dimensional scaffold-free bonelike sphere of periodontal ligament stem cells in vitro. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, e465-e472.	0.2	5
18	Analysis of sequential dual immobilization of type I collagen and BMP-2 short peptides on hydrolyzed poly(buthylene succinate)/ β -tricalcium phosphate composites for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2019, 34, 351-364.	1.2	3

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19	Composite core-supported stainless steel crowns enhance fracture resistance of severely damaged primary posterior teeth. <i>Pediatric Dental Journal</i> , 2020, 30, 191-200.	0.3	2
20	Investigating mineralization species in cultured bone from human mesenchymal stem cells using synchrotron-based XANES. <i>Radiation Physics and Chemistry</i> , 2020, 177, 109074.	1.4	1
21	Osteogenic potency of stem cell-based genetic engineering targeting Wnt3a and Wnt9a. <i>Open Life Sciences</i> , 2011, 6, 963-972.	0.6	0
22	Proper size of the 3-dimensional periodontal ligament stem cell (3D-PDLSC) sphere is vital for cell viability. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, 122.	0.2	0
23	In-vitro responses of T lymphocytes to poly(butylene succinate) based biomaterials. <i>Minerva Dental and Oral Science</i> , 2017, 66, 51-63.	0.5	0