

Guoli Yang

List of Publications by Year in descending order

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papers

682
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687363

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times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent grafting of hyperbranched poly-L-lysine on Ti-based implants achieves dual functions of antibacteria and promoted osseointegration in vivo. <i>Biomaterials</i> , 2021, 269, 120534.	11.4	75
2	Biological and immunotoxicity evaluation of antimicrobial peptide-loaded coatings using a layer-by-layer process on titanium. <i>Scientific Reports</i> , 2015, 5, 16336.	3.3	71
3	Whole body vibration improves osseointegration by up-regulating osteoblastic activity but down-regulating osteoblast-mediated osteoclastogenesis via ERK1/2 pathway. <i>Bone</i> , 2015, 71, 17-24.	2.9	44
4	Sustained Release of Antimicrobial Peptide from Self-Assembling Hydrogel Enhanced Osteogenesis. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1812-1824.	3.5	41
5	Light-Controlled BMSC Sheetâ€“Implant Complexes with Improved Osteogenesis via an LRP5/ β -Catenin/Runx2 Regulatory Loop. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34674-34686.	8.0	36
6	The functions and roles of sestrins in regulating human diseases. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 2.	7.0	34
7	High prevalence of vitamin D deficiency in Asia: A systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3602-3611.	10.3	28
8	Influence of Simvastatin-Loaded Implants on Osseointegration in an Ovariectomized Animal Model. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	26
9	Substrate-mediated gene transduction of LAMA3 for promoting biological sealing between titanium surface and gingival epithelium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 314-323.	5.0	22
10	Online dental teaching practices during the COVID-19 pandemic: a cross-sectional online survey from China. <i>BMC Oral Health</i> , 2021, 21, 189.	2.3	19
11	Genetically modified cell sheets in regenerative medicine and tissue engineering. <i>Biomaterials</i> , 2021, 275, 120908.	11.4	17
12	Combination of simvastatin, calcium silicate/gypsum, and gelatin and bone regeneration in rabbit calvarial defects. <i>Scientific Reports</i> , 2016, 6, 23422.	3.3	16
13	Laminin-521 Promotes Rat Bone Marrow Mesenchymal Stem Cell Sheet Formation on Light-Induced Cell Sheet Technology. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	16
14	Stem-cell-derived ECM sheetâ€“implant complexes for enhancing osseointegration. <i>Biomaterials Science</i> , 2020, 8, 6647-6656.	5.4	15
15	Gene expression profiling of bone marrow-derived stromal cells seeded onto a sandblasted, large-grit, acid-etched-treated titanium implant surface: The role of the Wnt pathway. <i>Archives of Oral Biology</i> , 2016, 61, 71-78.	1.8	14
16	Roles of circular RNAs in regulating the self-renewal and differentiation of adult stem cells. <i>Differentiation</i> , 2020, 113, 10-18.	1.9	14
17	Inhibition of osteogenic and adipogenic potential in bone marrow-derived mesenchymal stem cells under osteoporosis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 902-908.	2.1	13
18	HOXA10 inhibit the osteogenic differentiation of periodontal ligament stem cells by regulating β -catenin localization and DKK1 expression. <i>Connective Tissue Research</i> , 2021, 62, 393-401.	2.3	13

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19	Bone responses to simvastatin-loaded porous implant surfaces in an ovariectomized model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012, 27, 369-74.	1.4	13
20	PTH coatings on titanium surfaces improved osteogenic integration by increasing expression levels of BMP-2/Runx2/Osterix. <i>RSC Advances</i> , 2017, 7, 56256-56265.	3.6	12
21	Risk factors for sinus membrane perforation during lateral window maxillary sinus floor elevation surgery: A retrospective study. <i>Clinical Implant Dentistry and Related Research</i> , 2021, , .	3.7	12
22	An effective light activated TiO ₂ nanodot platform for gene delivery within cell sheets to enhance osseointegration. <i>Chemical Engineering Journal</i> , 2020, 402, 126170.	12.7	11
23	Recent advances in light-induced cell sheet technology. <i>Acta Biomaterialia</i> , 2021, 119, 30-41.	8.3	11
24	Fabrication, characterization, and biological assessment of multilayer laminin \hat{I}^32 DNA coatings on titanium surfaces. <i>Scientific Reports</i> , 2016, 6, 23423.	3.3	10
25	Laminins in osteogenic differentiation and pluripotency maintenance. <i>Differentiation</i> , 2020, 114, 13-19.	1.9	10
26	Activation of Nell-1 in BMSC Sheet Promotes Implant Osseointegration Through Regulating Runx2/Osterix Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 868.	3.7	9
27	Caspase-3 and gasdermin E detection in peri-implantitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166217.	3.8	9
28	Enhanced osteogenic differentiation of rat bone marrow mesenchymal stem cells on titanium substrates by inhibiting Notch3. <i>Archives of Oral Biology</i> , 2017, 80, 34-40.	1.8	8
29	Improved osseointegrating functionality of cell sheets on anatase TiO ₂ nanoparticle surfaces. <i>RSC Advances</i> , 2017, 7, 35845-35853.	3.6	8
30	Adenovirus-Mediated LAMA3 Transduction Enhances Hemidesmosome Formation and Periodontal Reattachment during Wound Healing. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 291-303.	4.1	8
31	BMP2 mimicking peptide modified with E7 coupling to calcined bovine bone enhanced bone regeneration associating with activation of the Runx2/SP7 signaling axis. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 80-93.	3.4	7
32	Molecular mechanisms for short root anomaly. <i>Oral Diseases</i> , 2021, 27, 142-150.	3.0	7
33	circRNA422 enhanced osteogenic differentiation of bone marrow mesenchymal stem cells during early osseointegration through the SP7/LRP5 axis. <i>Molecular Therapy</i> , 2022, 30, 3226-3240.	8.2	7
34	Surface Functionalized via AdLAMA3 Multilayer Coating for Re-epithelization Around Titanium Implants. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 624.	4.1	6
35	1 \hat{I}^{\pm} ,25-dihydroxyvitamin D ₃ promotes early osteogenic differentiation of PDLSCs and a 12-year follow-up case of early-onset vitamin D deficiency periodontitis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 208, 105805.	2.5	6
36	Achieving accelerated osteogenic differentiation via novel magnesium silicate hollow spheres. <i>New Journal of Chemistry</i> , 2015, 39, 9722-9728.	2.8	4

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37	Bioinformatics Analysis Identified miR-584-5p and Key miRNA-mRNA Networks Involved in the Osteogenic Differentiation of Human Periodontal Ligament Stem Cells. <i>Frontiers in Genetics</i> , 2021, 12, 750827.	2.3	3
38	Light-controlled scaffold and serum-free hard palatal-derived mesenchymal stem cell aggregates for bone regeneration. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	2
39	Electrochemical deposition of lithium coating on titanium implant with enhanced early stage osseointegration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 2399-2410.	3.4	2
40	Repositioning of the bone window in lateral sinus floor elevation with simultaneous implant placement: A retrospective radiographic study. <i>Clinical Oral Implants Research</i> , 2022, 33, 816-833.	4.5	2
41	Prevalence of and factors associated with maxillary sinus cyst in a Chinese population. <i>Journal of Oral Science</i> , 2021, 64, .	1.7	1
42	ANGPTL4 regulates the osteogenic differentiation of periodontal ligament stem cells. <i>Functional and Integrative Genomics</i> , 0, , .	3.5	0