

En Luo

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,095
citations

516710

16
h-index

454955

30
g-index

60
all docs

60
docs citations

60
times ranked

1595
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of combined local treatment with zoledronic acid and basic fibroblast growth factor on implant fixation in ovariectomized rats. <i>Bone</i> , 2009, 44, 225-232.	2.9	108
2	Curcumin enhances anti-tumor immune response in tongue squamous cell carcinoma. <i>Archives of Oral Biology</i> , 2018, 92, 32-37.	1.8	84
3	Adiponectin regulates BMSC osteogenic differentiation and osteogenesis through the Wnt/ β^2 -catenin pathway. <i>Scientific Reports</i> , 2017, 7, 3652.	3.3	82
4	Time-responsive osteogenic niche of stem cells: A sequentially triggered, dual-peptide loaded, alginate hybrid system for promoting cell activity and osteo-differentiation. <i>Biomaterials</i> , 2018, 163, 25-42.	11.4	76
5	Osteoprotegerin gene-modified BMSCs with hydroxyapatite scaffold for treating critical-sized mandibular defects in ovariectomized osteoporotic rats. <i>Acta Biomaterialia</i> , 2016, 42, 378-388.	8.3	62
6	An instantly fixable and self-adaptive scaffold for skull regeneration by autologous stem cell recruitment and angiogenesis. <i>Nature Communications</i> , 2022, 13, 2499.	12.8	54
7	Sustained release of adiponectin improves osteogenesis around hydroxyapatite implants by suppressing osteoclast activity in ovariectomized rabbits. <i>Acta Biomaterialia</i> , 2012, 8, 734-743.	8.3	44
8	Robotic surgical systems in maxillofacial surgery: a review. <i>International Journal of Oral Science</i> , 2017, 9, 63-73.	8.6	41
9	Fluorine β contained hydroxyapatite suppresses bone resorption through inhibiting osteoclasts differentiation and function in vitro and in vivo. <i>Cell Proliferation</i> , 2019, 52, e12613.	5.3	31
10	Fak β Mapk, Hippo and Wnt signalling pathway expression and regulation in distraction osteogenesis. <i>Cell Proliferation</i> , 2018, 51, e12453.	5.3	30
11	Effect of adiponectin secreted from adipose β derived stem cells on bone β fat balance and bone defect healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 2055-2066.	2.7	23
12	The Toxicity and Pharmacokinetics of Carbon Nanotubes as an Effective Drug Carrier. <i>Current Drug Metabolism</i> , 2013, 14, 879-890.	1.2	23
13	Overgrowth of costochondral grafts in craniomaxillofacial reconstruction: Rare complication and literature review. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 803-812.	1.7	22
14	Dental-craniofacial manifestation and treatment of rare diseases. <i>International Journal of Oral Science</i> , 2019, 11, 9.	8.6	20
15	Management of condylar resorption before or after orthognathic surgery: A systematic review. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1007-1014.	1.7	18
16	An adiponectin receptor agonist promote osteogenesis via regulating bone β fat balance. <i>Cell Proliferation</i> , 2021, 54, e13035.	5.3	18
17	Histopathologic comparison of condylar hyperplasia and condylar osteochondroma by using different staining methods. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 123, 320-329.	0.4	16
18	Effect of Human Wnt10b Transgene Overexpression on Peri-Implant Osteogenesis in Ovariectomized Rats. <i>Human Gene Therapy</i> , 2018, 29, 1416-1427.	2.7	16

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19	Treatment of Osteochondroma in the Mandibular Condyle and Secondary Dentofacial Deformities Using Surgery Combined With Orthodontics in Adults. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 2295-2317.	1.2	15
20	Synergetic effect of topological cue and periodic mechanical tension-stress on osteogenic differentiation of rat bone mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 1-9.	5.0	15
21	Wnt/ β^2 -catenin signaling is required for distraction osteogenesis in rats. <i>Connective Tissue Research</i> , 2018, 59, 45-54.	2.3	15
22	Treatment of hemimandibular hyperplasia by computer-aided design and computer-aided manufacturing cutting and drilling guides accompanied with pre-bent titanium plates. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 1-8.	1.7	15
23	Computer-Aided Design and Manufacturing Cutting and Drilling Guides with Prebent Titanium Plates Improve Surgical Accuracy of Skeletal Class III Malocclusion. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 963e-974e.	1.4	15
24	The synergetic effect of bioactive molecule-loaded electrospun core-shell fibres for reconstruction of critical-sized calvarial bone defect—The effect of synergetic release on bone Formation. <i>Cell Proliferation</i> , 2020, 53, e12796.	5.3	15
25	Animal Models For Craniofacial Reconstruction by Stem/Stromal Cells. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 174-186.	1.3	14
26	Clinical feasibility and efficiency of a 3-dimensional printed surgical template for mandibular angle osteotomy and mandibular angle splitting osteotomy. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2018, 56, 594-599.	0.8	13
27	Multifunctional DNA dendrimer nanostructures for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4991-5007.	5.8	13
28	Fak silencing impairs osteogenic differentiation of bone mesenchymal stem cells induced by uniaxial mechanical stretch. <i>Journal of Dental Sciences</i> , 2019, 14, 225-233.	2.5	12
29	Accelerating Bone Healing by Decorating BMP-2 on Porous Composite Scaffolds. <i>ACS Applied Bio Materials</i> , 2019, 2, 5717-5726.	4.6	12
30	Controlled Delivery of Growth Factor by Hierarchical Nanostructured Core-Shell Nanofibers for the Efficient Repair of Critical-Sized Rat Calvarial Defect. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5758-5770.	5.2	12
31	Programmed core-shell electrospun nanofibers to sequentially regulate osteogenesis-osteoclastogenesis balance for promoting immediate implant osseointegration. <i>Acta Biomaterialia</i> , 2021, 135, 274-288.	8.3	12
32	Precise control of maxillary multidirectional movement in Le Fort I osteotomy using a surgical guiding device. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2018, 56, 797-804.	0.8	11
33	Computer-assisted osteotomy guides and pre-bent titanium plates improve the planning for correction of facial asymmetry. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 1043-1050.	1.5	11
34	Treatment of skeletal open bite using a navigation system: CAD/CAM osteotomy and drilling guides combined with pre-bent titanium plates. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019, 48, 502-510.	1.5	11
35	Application of Electrospinning Strategy on Cartilage Tissue Engineering. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 526-532.	1.3	11
36	Guideline for the Treatment of Condylar Osteochondroma Combined With Secondary Dentofacial Deformities. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1156-1161.	0.7	10

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37	Bimaxillary Orthognathic Approach to Correct Skeletal Facial Asymmetry of Hemifacial Microsomia in Adults. <i>Aesthetic Plastic Surgery</i> , 2016, 40, 400-409.	0.9	10
38	Robotic surgery versus open surgery for thyroid neoplasms: a systematic review and meta-analysis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 3297-3312.	2.5	10
39	Down-regulation of miR-200c associates with poor prognosis of oral squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2020, 25, 1072-1078.	2.2	10
40	Upper Airway Changes After Mandibular Setback and/or Advancement Genioplasty in Obese Patients. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 2202-2210.	1.2	9
41	Combined Bimaxillary Distraction Osteogenesis Associated with Orthognathic Surgery for Hemifacial Microsomia in Adults. <i>Aesthetic Plastic Surgery</i> , 2017, 41, 650-660.	0.9	8
42	One-Stage Treatment to Osteochondroma of the Coronoid Process and Secondary Facial Asymmetry With Coronoidectomy and Reduction Malarplasty: A Case Report and Literature Review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1870.e1-1870.e13.	1.2	7
43	Inhibition of osteogenesis surrounding the titanium implant by CGRP deficiency. <i>Connective Tissue Research</i> , 2018, 59, 147-156.	2.3	7
44	Computer-Aided Design and Computer-Aided Manufacturing Cutting Guides in Eminoplasty for the Treatment of Temporomandibular Joint Dislocation. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 541-547.	0.7	6
45	Cone-beam computed tomography evaluation of the maxillofacial features of patients with unilateral temporomandibular joint ankylosis undergoing condylar reconstruction with an autogenous coronoid process graft. <i>PLoS ONE</i> , 2017, 12, e0173142.	2.5	6
46	Intraoperative condylar positioning techniques on mandible in orthognathic surgery. <i>Orthodontics and Craniofacial Research</i> , 2022, 25, 449-458.	2.8	5
47	Adenoviral delivery of adiponectin ameliorates osteogenesis around implants in ovariectomized rats. <i>Journal of Gene Medicine</i> , 2019, 21, e3069.	2.8	4
48	Smart Porous Scaffold Promotes Peri-Implant Osteogenesis under the Periosteum. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6321-6330.	5.2	4
49	Osteoporosis in the Jawbones: A Correlative Factor of Primary Trigeminal Neuralgia?. <i>Medical Science Monitor</i> , 2014, 20, 1481-1485.	1.1	4
50	Surgical correction without bone grafts of maxillofacial asymmetric deformities in patients treated for unilateral temporomandibular joint ankylosis. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 122, 555-563.	0.4	1
51	Two Techniques to Create Hypoparathyroid Mice: Parathyroidectomy Using GFP Glands and Diphtheria-Toxin-Mediated Parathyroid Ablation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
52	The crystallization process, base pair and hydrogen-bond network of guanosine derivatives-based hydrogel. <i>Journal of Molecular Structure</i> , 2018, 1167, 82-87.	3.6	1
53	Focusing on Hippo Pathway in Stem Cells of Oral Origin, Enamel Formation and Periodontium Regeneration. <i>Organogenesis</i> , 2022, 18, .	1.2	1