

Chia Soo

List of Publications by Year in descending order

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38
papers

2,257
citations

471061

17
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

3733
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the Clinical Side Effects of Bone Morphogenetic Protein-2. Tissue Engineering - Part B: Reviews, 2016, 22, 284-297.	2.5	741
2	Current development of biodegradable polymeric materials for biomedical applications. Drug Design, Development and Therapy, 2018, Volume 12, 3117-3145.	2.0	604
3	Craniosynostosis in transgenic mice overexpressing Nell-1. Journal of Clinical Investigation, 2002, 110, 861-870.	3.9	132
4	NELL-1 in the treatment of osteoporotic bone loss. Nature Communications, 2015, 6, 7362.	5.8	93
5	Tendinopathy: injury, repair, and current exploration. Drug Design, Development and Therapy, 2018, Volume 12, 591-603.	2.0	93
6	Fibromodulin promoted in vitro and in vivo angiogenesis. Biochemical and Biophysical Research Communications, 2013, 436, 530-535.	1.0	54
7	Human Perivascular Stem Cell-Based Bone Graft Substitute Induces Rat Spinal Fusion. Stem Cells Translational Medicine, 2014, 3, 1231-1241.	1.6	54
8	Brief Report: Human Perivascular Stem Cells and Nel-Like Protein-1 Synergistically Enhance Spinal Fusion in Osteoporotic Rats. Stem Cells, 2015, 33, 3158-3163.	1.4	44
9	Fibromodulin Enhances Angiogenesis during Cutaneous Wound Healing. Plastic and Reconstructive Surgery - Global Open, 2014, 2, e275.	0.3	39
10	Fibromodulin Is Essential for Fetal-Type Scarless Cutaneous Wound Healing. American Journal of Pathology, 2016, 186, 2824-2832.	1.9	37
11	Fibromodulin reduces scar formation in adult cutaneous wounds by eliciting a fetal-like phenotype. Signal Transduction and Targeted Therapy, 2017, 2, .	7.1	37
12	Fibromodulin reprogrammed cells: A novel cell source for bone regeneration. Biomaterials, 2016, 83, 194-206.	5.7	29
13	Pericytes for the treatment of orthopedic conditions. , 2017, 171, 93-103.		29
14	Calvarial Defect Healing Induced by Small Molecule Smoothened Agonist. Tissue Engineering - Part A, 2016, 22, 1357-1366.	1.6	23
15	The pericyte antigen RGS5 in perivascular soft tissue tumors. Human Pathology, 2016, 47, 121-131.	1.1	22
16	Neurexin Superfamily Cell Membrane Receptor Contactin-Associated Protein Like-4 (Cntnap4) Is Involved in Neural EGFL-Like 1 (Nell-1)-Responsive Osteogenesis. Journal of Bone and Mineral Research, 2018, 33, 1813-1825.	3.1	22
17	Fibromodulin reduces scar size and increases scar tensile strength in normal and excessive mechanical loading porcine cutaneous wounds. Journal of Cellular and Molecular Medicine, 2018, 22, 2510-2513.	1.6	20
18	Neural EGFL like 1 as a potential pro-chondrogenic, anti-inflammatory dual-functional disease-modifying osteoarthritis drug. Biomaterials, 2020, 226, 119541.	5.7	18

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19	Pharmacokinetics and osteogenic potential of PEGylated NELL-1 in vivo after systemic administration. <i>Biomaterials</i> , 2015, 57, 73-83.	5.7	12
20	NELL-1 expression in benign and malignant bone tumors. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 368-374.	1.0	11
21	Pericytic mimicry in well-differentiated liposarcoma/atypical lipomatous tumor. <i>Human Pathology</i> , 2016, 54, 92-99.	1.1	11
22	Cyst-Like Osteolytic Formations in Recombinant Human Bone Morphogenetic Protein-2 (rhBMP-2) Augmented Sheep Spinal Fusion. <i>American Journal of Pathology</i> , 2017, 187, 1485-1495.	1.9	11
23	Neural EGFL-Like 1 Is a Downstream Regulator of Runt-Related Transcription Factor 2 in Chondrogenic Differentiation and Maturation. <i>American Journal of Pathology</i> , 2017, 187, 963-972.	1.9	11
24	The Effects of Systemic Therapy of PEGylated NEL-Like Protein 1 (NELL-1) on Fracture Healing in Mice. <i>American Journal of Pathology</i> , 2018, 188, 715-727.	1.9	11
25	Nfatc1 Is a Functional Transcriptional Factor Mediating Nell-1-Induced Runx3 Upregulation in Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 168.	1.8	10
26	Physiological electric fields induce directional migration of mammalian cranial neural crest cells. <i>Developmental Biology</i> , 2021, 471, 97-105.	0.9	10
27	Neural EGFL-Like 1 Regulates Cartilage Maturation through Runt-Related Transcription Factor 3-Mediated Indian Hedgehog Signaling. <i>American Journal of Pathology</i> , 2018, 188, 392-403.	1.9	9
28	Peroxisome Proliferator-Activated Receptor- γ 3 Knockdown Impairs Bone Morphogenetic Protein-2-Induced Critical-Size Bone Defect Repair. <i>American Journal of Pathology</i> , 2019, 189, 648-664.	1.9	8
29	Cumulative inactivation of Nell-1 in Wnt1 expressing cell lineages results in craniofacial skeletal hypoplasia and postnatal hydrocephalus. <i>Cell Death and Differentiation</i> , 2020, 27, 1415-1430.	5.0	8
30	Photopolymerizable Hydrogel-Encapsulated Fibromodulin-Reprogrammed Cells for Muscle Regeneration. <i>Tissue Engineering - Part A</i> , 2020, 26, 1112-1122.	1.6	8
31	Efficacy of Intraperitoneal Administration of PEGylated NELL-1 for Bone Formation. <i>BioResearch Open Access</i> , 2016, 5, 159-170.	2.6	7
32	Sclerostin expression in skeletal sarcomas. <i>Human Pathology</i> , 2016, 58, 24-34.	1.1	7
33	Inactivation of Nell-1 in Chondrocytes Significantly Impedes Appendicular Skeletogenesis. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 533-546.	3.1	7
34	High Resolution X-Ray: A Reliable Approach for Quantifying Osteoporosis in a Rodent Model. <i>BioResearch Open Access</i> , 2014, 3, 192-196.	2.6	4
35	Assessing the Bone-Forming Potential of Pericytes. <i>Methods in Molecular Biology</i> , 2021, 2235, 127-137.	0.4	3
36	Ang-1 and Ang-2 expression in angiomyolipoma and PEComa family tumors. <i>Journal of Orthopaedics</i> , 2017, 14, 154-160.	0.6	2

#	ARTICLE	IF	CITATIONS
37	Ang-2 but not Ang-1 expression in perivascular soft tissue tumors. Journal of Orthopaedics, 2017, 14, 147-153.	0.6	2
38	Bioactive wound Closure Devices are highly Demanded. Clinics of Surgery, 2018, 1, .	0.0	0