

Chong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

577
citations

758635

12
h-index

642321

23
g-index

34
all docs

34
docs citations

34
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Long non-coding RNA in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , 2018, 51, e12483.	2.4	87
2	Melatonin enhances chondrogenic differentiation of human mesenchymal stem cells. <i>Journal of Pineal Research</i> , 2014, 56, 62-70.	3.4	73
3	Melatonin inhibits nucleus pulposus (NP) cell proliferation and extracellular matrix (ECM) remodeling via the melatonin membrane receptors mediated PI3K-Akt pathway. <i>Journal of Pineal Research</i> , 2017, 63, e12435.	3.4	50
4	Rare coding variants in <i>MAPK7</i> predispose to adolescent idiopathic scoliosis. <i>Human Mutation</i> , 2017, 38, 1500-1510.	1.1	39
5	Exogenous Heparan Sulfate Enhances the TGF- β 3-Induced Chondrogenesis in Human Mesenchymal Stem Cells by Activating TGF- β /Smad Signaling. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	31
6	Identification of Competing Endogenous RNA Regulatory Networks in Vitamin A Deficiency-Induced Congenital Scoliosis by Transcriptome Sequencing Analysis. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2134-2146.	1.1	28
7	Abnormal osteogenic and chondrogenic differentiation of human mesenchymal stem cells from patients with adolescent idiopathic scoliosis in response to melatonin. <i>Molecular Medicine Reports</i> , 2016, 14, 1201-1209.	1.1	27
8	PGK1 depletion activates Nrf2 signaling to protect human osteoblasts from dexamethasone. <i>Cell Death and Disease</i> , 2019, 10, 888.	2.7	27
9	Circular RNA HIPK3 downregulation mediates hydrogen peroxide-induced cytotoxicity in human osteoblasts. <i>Aging</i> , 2020, 12, 1159-1170.	1.4	23
10	What is the Difference in Morphologic Features of the Thoracic Pedicle Between Patients With Adolescent Idiopathic Scoliosis and Healthy Subjects? A CT-based Case-control Study. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2765-2774.	0.7	20
11	Mutant MAPK7-Induced Idiopathic Scoliosis is Linked to Impaired Osteogenesis. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 880-890.	1.1	18
12	Radiographic characteristics in congenital scoliosis associated with split cord malformation: a retrospective study of 266 surgical cases. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 420.	0.8	14
13	Revision Surgery after Percutaneous Endoscopic Transforaminal Discectomy Compared with Primary Open Surgery for Symptomatic Lumbar Degenerative Disease. <i>Orthopaedic Surgery</i> , 2019, 11, 620-627.	0.7	13
14	Clinical manifestations and radiological characteristics in patients with idiopathic syringomyelia and scoliosis. <i>European Spine Journal</i> , 2018, 27, 2148-2155.	1.0	12
15	Gossypol Promotes Wnt/Catenin Signaling through WIF1 in Ovariectomy-Induced Osteoporosis. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	12
16	LncRNA-SULT1C2A regulates <i>Foxo4</i> in congenital scoliosis by targeting miR-466c through PI3K-ATK signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4582-4591.	1.6	12
17	Does Scoliosis Affect Sleep Breathing?. <i>World Neurosurgery</i> , 2018, 118, e946-e950.	0.7	11
18	Role of melatonin in the dynamics of acute spinal cord injury in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2909-2917.	1.6	10

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19	Risk factors for predicting increased surgical drain output in patients after anterior cervical corpectomy and fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 196.	0.9	9
20	Gossypol Promotes Bone Formation in Ovariectomy-Induced Osteoporosis through Regulating Cell Apoptosis. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	9
21	Surgical correction of hyperlordosis in facioscapulohumeral muscular dystrophy: A case report. <i>BMC Surgery</i> , 2017, 17, 83.	0.6	8
22	Incidence and Risk Factors of Acute Pancreatitis After Scoliosis Surgery. <i>Spine</i> , 2018, 43, 630-636.	1.0	8
23	Noncoding RNAs Involved in the Pathogenesis of Ankylosing Spondylitis. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	7
24	Vertebral Growth Around Distal Instrumented Vertebra in Patients With Early-Onset Scoliosis Who Underwent Traditional Dual Growing Rod Treatment. <i>Spine</i> , 2019, 44, 855-865.	1.0	6
25	Melatonin Synergizes With Methylprednisolone to Ameliorate Acute Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2021, 12, 723913.	1.6	6
26	Comparison of Radiological Features and Clinical Characteristics in Scoliosis Patients With Chiari I Malformation and Idiopathic Syringomyelia. <i>Spine</i> , 2019, 44, 1653-1660.	1.0	4
27	A novel probe for measuring tissue bioelectrical impedance to enhance pedicle screw placement in spinal surgery. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2205-2212.	0.0	3
28	Two closely spaced missense COL3A1 variants in cis cause vascular Ehlers-Danlos syndrome in one large Chinese family. <i>Journal of Cellular and Molecular Medicine</i> , 2021, , .	1.6	3
29	Genome-Wide Analysis of circular RNAs and validation of hsa_circ_0006719 as a potential novel diagnostic biomarker in congenital scoliosis patients. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7015-7022.	1.6	2
30	Preliminary Study of a New Growing Rod System in Immature Swine Model. <i>World Neurosurgery</i> , 2019, 126, e653-e660.	0.7	1