

Chengjie Lian

List of Publications by Year in descending order

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15
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557
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687363

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834
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#	ARTICLE	IF	CITATIONS
1	Collagen type II suppresses articular chondrocyte hypertrophy and osteoarthritis progression by promoting integrin $\beta 1$ SMAD1 interaction. <i>Bone Research</i> , 2019, 7, 8.	11.4	121
2	Melatonin rescued interleukin 1β -impaired chondrogenesis of human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 162.	5.5	58
3	Melatonin-mediated miR-526b-3p and miR-590-5p upregulation promotes chondrogenic differentiation of human mesenchymal stem cells. <i>Journal of Pineal Research</i> , 2018, 65, e12483.	7.4	51
4	Melatonin prevents bone destruction in mice with retinoic acid-induced osteoporosis. <i>Molecular Medicine</i> , 2019, 25, 43.	4.4	50
5	Melatonin reversed tumor necrosis factor- α -inhibited osteogenesis of human mesenchymal stem cells by stabilizing <i>SMAD1</i> protein. <i>Journal of Pineal Research</i> , 2016, 61, 317-327.	7.4	46
6	Rare coding variants in <i>MAPK7</i> predispose to adolescent idiopathic scoliosis. <i>Human Mutation</i> , 2017, 38, 1500-1510.	2.5	39
7	Melatonin Reverses the Loss of Stemness Induced by TNF- α in Human Bone Marrow Mesenchymal Stem Cells through Upregulation of YAP Expression. <i>Stem Cells International</i> , 2019, 2019, 1-16.	2.5	33
8	Endoplasmic Reticulum Stress-Unfolding Protein Response-Apoptosis Cascade Causes Chondrodysplasia in a <i>col2a1</i> p.Gly1170Ser Mutated Mouse Model. <i>PLoS ONE</i> , 2014, 9, e86894.	2.5	31
9	Exogenous Heparan Sulfate Enhances the TGF- $\beta 3$ -Induced Chondrogenesis in Human Mesenchymal Stem Cells by Activating TGF- $\beta 2$ /Smad Signaling. <i>Stem Cells International</i> , 2016, 2016, 1-10.	2.5	31
10	Melatonin Rescued Reactive Oxygen Species-Impaired Osteogenesis of Human Bone Marrow Mesenchymal Stem Cells in the Presence of Tumor Necrosis Factor-Alpha. <i>Stem Cells International</i> , 2019, 2019, 1-11.	2.5	29
11	<i>MTNR1B</i> loss promotes chordoma recurrence by abrogating melatonin-mediated β -catenin signaling repression. <i>Journal of Pineal Research</i> , 2019, 67, e12588.	7.4	21
12	A novel ZRS variant causes preaxial polydactyly type I by increased sonic hedgehog expression in the developing limb bud. <i>Genetics in Medicine</i> , 2020, 22, 189-198.	2.4	16
13	Type III Transforming Growth Factor- β Receptor RNA Interference Enhances Transforming Growth Factor $\beta 3$ -Induced Chondrogenesis Signaling in Human Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	14
14	Estrogen promotes the onset and development of idiopathic scoliosis via disproportionate endochondral ossification of the anterior and posterior column in a bipedal rat model. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-11.	7.7	13
15	<i>MET</i> mutation causes muscular dysplasia and arthrogyposis. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	3