

# Xiangyu Deng

## List of Publications by Year in descending order

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27  
papers

916  
citations

567281

15  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solutions to the Drawbacks of Photothermal and Photodynamic Cancer Therapy. <i>Advanced Science</i> , 2021, 8, 2002504.	11.2	285
2	Accelerated Bone Regeneration by Gold-Nanoparticle-Loaded Mesoporous Silica through Stimulating Immunomodulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41758-41769.	8.0	73
3	Polarization and function of tumor-associated macrophages mediate graphene oxide-induced photothermal cancer therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 208, 111913.	3.8	57
4	Ultrafast Low-Temperature Photothermal Therapy Activates Autophagy and Recovers Immunity for Efficient Antitumor Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4265-4275.	8.0	48
5	&lt;p&gt;Gold nanoparticles-loaded hydroxyapatite composites guide osteogenic differentiation of human mesenchymal stem cells through Wnt/ $\beta$ -catenin signaling pathway&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6151-6163.	6.7	44
6	Mesenchymal Stem Cells Protect Nucleus Pulposus Cells from Compression-Induced Apoptosis by Inhibiting the Mitochondrial Pathway. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	40
7	FGD1 promotes tumor progression and regulates tumor immune response in osteosarcoma via inhibiting PTEN activity. <i>Theranostics</i> , 2020, 10, 2859-2871.	10.0	36
8	Genetically modified bacteria for targeted phototherapy of tumor. <i>Biomaterials</i> , 2021, 272, 120809.	11.4	34
9	Bruceine D inhibits tumor growth and stem cell-like traits of osteosarcoma through inhibition of STAT3 signaling pathway. <i>Cancer Medicine</i> , 2019, 8, 7345-7358.	2.8	32
10	3D-printed porous titanium scaffolds incorporating niobium for high bone regeneration capacity. <i>Materials and Design</i> , 2020, 194, 108890.	7.0	26
11	Compression-induced senescence of nucleus pulposus cells by promoting mitophagy activation via the PINK1/PARKIN pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5850-5864.	3.6	26
12	Effect of Compression Loading on Human Nucleus Pulposus-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.5	23
13	Puerarin Relieved Compression-Induced Apoptosis and Mitochondrial Dysfunction in Human Nucleus Pulposus Mesenchymal Stem Cells via the PI3K/Akt Pathway. <i>Stem Cells International</i> , 2020, 2020, 1-16.	2.5	19
14	Compression stress induces nucleus pulposus cell autophagy by inhibition of the PI3K/AKT/mTOR pathway and activation of the JNK pathway. <i>Connective Tissue Research</i> , 2021, 62, 337-349.	2.3	18
15	Icariin Improves the Viability and Function of Cryopreserved Human Nucleus Pulposus-Derived Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	17
16	MiR-19a as a prognostic indicator for cancer patients: a meta-analysis. <i>Bioscience Reports</i> , 2019, 39, .	2.4	17
17	Icariin Prevents IL-1 $\beta$ -Induced Apoptosis in Human Nucleus Pulposus via the PI3K/AKT Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	15
18	Association of COL1A1 rs1800012 polymorphism with musculoskeletal degenerative diseases: a meta-analysis. <i>Oncotarget</i> , 2017, 8, 75488-75499.	1.8	15

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19	Comparison of different methods for the isolation and purification of rat nucleus pulposus-derived mesenchymal stem cells. <i>Connective Tissue Research</i> , 2020, 61, 426-434.	2.3	14
20	FoxO1a mediated cadmium-induced annulus fibrosus cells apoptosis contributes to intervertebral disc degeneration in smoking. <i>Journal of Cellular Physiology</i> , 2021, 236, 677-687.	4.1	13
21	MiR-20a, a novel promising biomarker to predict prognosis in human cancer: a meta-analysis. <i>BMC Cancer</i> , 2018, 18, 1189.	2.6	12
22	Association between Fas/FasL gene polymorphism and musculoskeletal degenerative diseases: a meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 137.	1.9	12
23	The Physicochemical Properties of Graphene Nanocomposites Influence the Anticancer Effect. <i>Journal of Oncology</i> , 2019, 2019, 1-10.	1.3	11
24	Icariin Prevents H <sub>2</sub> O <sub>2</sub> -Induced Apoptosis via the PI3K/Akt Pathway in Rat Nucleus Pulposus Intervertebral Disc Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	1.2	10
25	Dysregulated Expression of Circular RNAs Serve as Prognostic and Clinicopathological Markers in Cancer. <i>Journal of Cancer</i> , 2019, 10, 1825-1832.	2.5	7
26	Association of COL9A3 trp3 polymorphism with intervertebral disk degeneration: a meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 381.	1.9	6
27	H <sub>2</sub> O <sub>2</sub> Damages the Stemness of Rat Bone Marrow-Derived Mesenchymal Stem Cells: Developing a Stemness Loss Model. <i>Medical Science Monitor</i> , 2019, 25, 5613-5620.	1.1	4