

Shu-ying Shen

List of Publications by Year in descending order

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38
papers

1,942
citations

331670

21
h-index

302126

39
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39
all docs

39
docs citations

39
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	CircSERPINE2 protects against osteoarthritis by targeting miR-1271 and ETS-related gene. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 826-836.	0.9	207
2	Circular RNA circTADA2A promotes osteosarcoma progression and metastasis by sponging miR-203a-3p and regulating CREB3 expression. <i>Molecular Cancer</i> , 2019, 18, 73.	19.2	198
3	Auranofin mitigates systemic iron overload and induces ferroptosis via distinct mechanisms. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 138.	17.1	148
4	CircFAT1 sponges miR-375 to promote the expression of Yes-associated protein 1 in osteosarcoma cells. <i>Molecular Cancer</i> , 2018, 17, 170.	19.2	112
5	CircECE1 activates energy metabolism in osteosarcoma by stabilizing c-Myc. <i>Molecular Cancer</i> , 2020, 19, 151.	19.2	107
6	Fine-grained leukocyte classification with deep residual learning for microscopic images. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 243-252.	4.7	106
7	Honokiol induces apoptosis and autophagy via the ROS/ERK1/2 signaling pathway in human osteosarcoma cells in vitro and in vivo. <i>Cell Death and Disease</i> , 2018, 9, 157.	6.3	100
8	CircMYO10 promotes osteosarcoma progression by regulating miR-370-3p/RUVBL1 axis to enhance the transcriptional activity of β^2 -catenin/LEF1 complex via effects on chromatin remodeling. <i>Molecular Cancer</i> , 2019, 18, 150.	19.2	95
9	A miR-130a-YAP positive feedback loop promotes organ size and tumorigenesis. <i>Cell Research</i> , 2015, 25, 997-1012.	12.0	84
10	Stem cell-homing hydrogel-based miR-29b-5p delivery promotes cartilage regeneration by suppressing senescence in an osteoarthritis rat model. <i>Science Advances</i> , 2022, 8, eabk0011.	10.3	66
11	CircCDK14 protects against Osteoarthritis by sponging miR-125a-5p and promoting the expression of Smad2. <i>Theranostics</i> , 2020, 10, 9113-9131.	10.0	59
12	circPDE4B prevents articular cartilage degeneration and promotes repair by acting as a scaffold for RIC8A and MID1. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1209-1219.	0.9	56
13	A miR-135b-TAZ positive feedback loop promotes epithelial-mesenchymal transition (EMT) and tumorigenesis in osteosarcoma. <i>Cancer Letters</i> , 2017, 407, 32-44.	7.2	49
14	Circular RNA circPDE4D Protects against Osteoarthritis by Binding to miR-103a-3p and Regulating FGF18. <i>Molecular Therapy</i> , 2021, 29, 308-323.	8.2	49
15	miR-10a-5p Promotes Chondrocyte Apoptosis in Osteoarthritis by Targeting HOXA1. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 398-409.	5.1	48
16	TGF β 2 attenuates cartilage extracellular matrix degradation via enhancing FBXO6-mediated MMP14 ubiquitination. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1111-1120.	0.9	39
17	Novel role of circRSU1 in the progression of osteoarthritis by adjusting oxidative stress. <i>Theranostics</i> , 2021, 11, 1877-1900.	10.0	37
18	Blocking autophagy enhances the apoptotic effect of 18 β -glycyrrhetic acid on human sarcoma cells via endoplasmic reticulum stress and JNK activation. <i>Cell Death and Disease</i> , 2017, 8, e3055-e3055.	6.3	31

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19	SREBP-2 aggravates breast cancer associated osteolysis by promoting osteoclastogenesis and breast cancer metastasis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 115-125.	3.8	30
20	circCAMSAP1 promotes osteosarcoma progression and metastasis by sponging miR-145-5p and regulating FLI1 expression. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1120-1135.	5.1	26
21	The Novel p38 Inhibitor, Pamapimod, Inhibits Osteoclastogenesis and Counteracts Estrogen-Dependent Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 911-922.	2.8	24
22	CircSLC7A2 protects against osteoarthritis through inhibition of the miR-4498/TIMP3 axis. <i>Cell Proliferation</i> , 2021, 54, e13047.	5.3	24
23	Activating; β -catenin/Pax6 axis negatively regulates osteoclastogenesis by selectively inhibiting phosphorylation of p38/MAPK. <i>FASEB Journal</i> , 2019, 33, 4236-4247.	0.5	23
24	Circular RNA circRUNX1 promotes papillary thyroid cancer progression and metastasis by sponging MiR-296-3p and regulating DDHD2 expression. <i>Cell Death and Disease</i> , 2021, 12, 112.	6.3	23
25	EIF4A3-induced circular RNA PRKAR1B promotes osteosarcoma progression by miR-361-3p-mediated induction of FZD4 expression. <i>Cell Death and Disease</i> , 2021, 12, 1025.	6.3	19
26	Glabridin inhibits osteosarcoma migration and invasion via blocking the p38 and JNK-mediated CREB/AP1 complexes formation. <i>Journal of Cellular Physiology</i> , 2019, 234, 4167-4178.	4.1	17
27	MicroRNA-25-3p regulates osteoclasts through nuclear factor I X. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 74-80.	2.1	16
28	miR-21-5p targets SKP2 to reduce osteoclastogenesis in a mouse model of osteoporosis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100617.	3.4	15
29	circSPG21 protects against intervertebral disc disease by targeting miR-1197/ATP1B3. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1547-1558.	7.7	13
30	CircRNA circTIAM1 promotes papillary thyroid cancer progression through the miR-646/HNRNPA1 signaling pathway. <i>Cell Death Discovery</i> , 2022, 8, 21.	4.7	13
31	Circ0083429 Regulates Osteoarthritis Progression via the Mir-346/SMAD3 Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 579945.	3.7	10
32	Inhibition of intervertebral disc disease progression via the circPKNOX1-miR-370-3p-KIAA0355 axis. <i>Cell Death Discovery</i> , 2021, 7, 39.	4.7	10
33	Circular RNA circSIPA1L1 Contributes to Osteosarcoma Progression Through the miR-411-5p/RAB9A Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642605.	3.7	8
34	Oxidative stress-induced circKIF18A downregulation impairs MCM7-mediated anti-senescence in intervertebral disc degeneration. <i>Experimental and Molecular Medicine</i> , 2022, 54, 285-297.	7.7	8
35	Carbonic Anhydrase 12 Protects Endplate Cartilage From Degeneration Regulated by IGF-1/PI3K/CREB Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 595969.	3.7	7
36	Mechanical force promotes dimethylarginine dimethylaminohydrolase 1-mediated hydrolysis of the metabolite asymmetric dimethylarginine to enhance bone formation. <i>Nature Communications</i> , 2022, 13, 50.	12.8	7

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37	<p>Circular RNA circTUBGCP3 Is Up-Regulated and Promotes Cell Proliferation, Migration and Survivability via Sponge mir-30b in Osteosarcoma</p>. OncoTargets and Therapy, 2020, Volume 13, 3729-3737.	2.0	6
38	PLK1 Mitigates Intervertebral Disc Degeneration by Delaying Senescence of Nucleus Pulposus Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 819262.	3.7	6