

Chen Xu

List of Publications by Year in descending order

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50
papers

2,301
citations

361296

20
h-index

214721

47
g-index

50
all docs

50
docs citations

50
times ranked

3961
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous miRNA Sponge lincRNA-RoR Regulates Oct4, Nanog, and Sox2 in Human Embryonic Stem Cell Self-Renewal. <i>Developmental Cell</i> , 2013, 25, 69-80.	3.1	712
2	Umbilical Cord-Derived Mesenchymal Stem Cell-Derived Exosomal MicroRNAs Suppress Myofibroblast Differentiation by Inhibiting the Transforming Growth Factor- β 2/SMAD2 Pathway During Wound Healing. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1425-1439.	1.6	399
3	Exosomal MicroRNAs Derived From Umbilical Mesenchymal Stem Cells Inhibit Hepatitis C Virus Infection. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1190-1203.	1.6	126
4	Long Noncoding RNA-EBIC Promotes Tumor Cell Invasion by Binding to EZH2 and Repressing E-Cadherin in Cervical Cancer. <i>PLoS ONE</i> , 2014, 9, e100340.	1.1	95
5	Long non-coding RNA GAS5 controls human embryonic stem cell self-renewal by maintaining NODAL signalling. <i>Nature Communications</i> , 2016, 7, 13287.	5.8	94
6	Long non-coding RNA GAS5 inhibited hepatitis C virus replication by binding viral NS3 protein. <i>Virology</i> , 2016, 492, 155-165.	1.1	64
7	Androgen receptor regulated microRNA miR-182-5p promotes prostate cancer progression by targeting the ARRDC3/ITGB4 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 213-219.	1.0	56
8	BACE1-AS prevents BACE1 mRNA degradation through the sequestration of BACE1-targeting miRNAs. <i>Journal of Chemical Neuroanatomy</i> , 2019, 98, 87-96.	1.0	50
9	MicroRNA-145 contributes to enhancing radiosensitivity of cervical cancer cells. <i>FEBS Letters</i> , 2015, 589, 702-709.	1.3	46
10	Integrated microRNA-mRNA analyses reveal OPLL specific microRNA regulatory network using high-throughput sequencing. <i>Scientific Reports</i> , 2016, 6, 21580.	1.6	45
11	PGF $_{2\alpha}$ modulates the output of chemokines and pro-inflammatory cytokines in myometrial cells from term pregnant women through divergent signaling pathways. <i>Molecular Human Reproduction</i> , 2015, 21, 603-614.	1.3	39
12	Effects of PGF $_{2\alpha}$ on the Expression of Uterine Activation Proteins in Pregnant Human Myometrial Cells From Upper and Lower Segment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2975-2983.	1.8	37
13	Heme oxygenase-1 attenuates IL-1 β induced alteration of anabolic and catabolic activities in intervertebral disc degeneration. <i>Scientific Reports</i> , 2016, 6, 21190.	1.6	33
14	MicroRNA-181 regulates the development of Ossification of Posterior longitudinal ligament via Epigenetic Modulation by targeting PBX1. <i>Theranostics</i> , 2020, 10, 7492-7509.	4.6	29
15	Inflammatory microRNA-194 and -515 attenuate the biosynthesis of chondroitin sulfate during human intervertebral disc degeneration. <i>Oncotarget</i> , 2017, 8, 49303-49317.	0.8	28
16	H/ACA Box Small Nucleolar RNA 7A Promotes the Self-Renewal of Human Umbilical Cord Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017, 35, 222-235.	1.4	26
17	Exposure to bisphenol A at physiological concentrations observed in Chinese children promotes primordial follicle growth through the PI3K/Akt pathway in an ovarian culture system. <i>Toxicology in Vitro</i> , 2014, 28, 1424-1429.	1.1	25
18	TGF β 2 Stimulates Expression of Chondroitin Polymerizing Factor in Nucleus Pulposus Cells Through the Smad3, RhoA/ROCK1, and MAPK Signaling Pathways. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 566-579.	1.2	25

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19	MicroRNA-10a, -210, and -563 as circulating biomarkers for ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2019, 19, 735-743.	0.6	24
20	The relationship between preoperative cervical sagittal balance and clinical outcome of laminoplasty treated cervical ossification of the posterior longitudinal ligament patients. <i>Spine Journal</i> , 2020, 20, 1422-1429.	0.6	23
21	Hydrogen Sulfide Delays LPS-Induced Preterm Birth in Mice via Anti-Inflammatory Pathways. <i>PLoS ONE</i> , 2016, 11, e0152838.	1.1	22
22	TGF- β 2 Induces Up-Regulation of Chondroitin Sulfate Synthase 1 (CHSY1) in Nucleus Pulposus Cells Through MAPK Signaling. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 793-804.	1.1	21
23	Levels of Leydig cell autophagy regulate the fertility of male naked mole-rats. <i>Oncotarget</i> , 2017, 8, 98677-98690.	0.8	20
24	The microRNA-10a/ID3/RUNX2 axis modulates the development of Ossification of Posterior Longitudinal Ligament. <i>Scientific Reports</i> , 2018, 8, 9225.	1.6	19
25	Expression of ATP-sensitive potassium channels in human pregnant myometrium. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 35.	1.4	16
26	TELD with limited foraminoplasty has potential biomechanical advantages over TELD with large annuloplasty: an in-silico study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 616.	0.8	16
27	SNORD126 Promotes Hepatitis C Virus Infection by Upregulating Claudin-1 via Activation of PI3K-AKT Signaling Pathway. <i>Frontiers in Microbiology</i> , 2020, 11, 565590.	1.5	14
28	Inflammatory-sensitive CHI3L1 protects nucleus pulposus via AKT3 signaling during intervertebral disc degeneration. <i>FASEB Journal</i> , 2020, 34, 3554-3569.	0.2	14
29	CRH Acts on CRH-R1 and -R2 to Differentially Modulate the Expression of Large-Conductance Calcium-Activated Potassium Channels in Human Pregnant Myometrium. <i>Endocrinology</i> , 2011, 152, 4406-4417.	1.4	13
30	Chondroitin synthase-3 regulates nucleus pulposus degeneration through actin-induced YAP signaling. <i>FASEB Journal</i> , 2020, 34, 16581-16600.	0.2	13
31	Efficacy and Safety of Ultrasonic Bone Curette-Assisted Dome-Like Laminoplasty in the Treatment of Cervical Ossification of Longitudinal Ligament. <i>Orthopaedic Surgery</i> , 2021, 13, 161-167.	0.7	13
32	Comparison of Three Anterior Techniques in the Surgical Treatment of Three-Level Cervical Spondylotic Myelopathy with Intramedullary T2-Weighted Increased Signal Intensity. <i>World Neurosurgery</i> , 2019, 126, e842-e852.	0.7	12
33	Does Obesity Affect Outcomes of Multilevel ACDF as a Treatment for Multilevel Cervical Spondylosis?. <i>Clinical Spine Surgery</i> , 2020, 33, E460-E465.	0.7	12
34	miR-26b-3p Regulates Human Umbilical Cord-Derived Mesenchymal Stem Cell Proliferation by Targeting Estrogen Receptor. <i>Stem Cells and Development</i> , 2016, 25, 415-426.	1.1	11
35	A systematic review and meta-analysis of nonpharmacological adjuvant interventions for patients undergoing assisted reproductive technology treatment. <i>International Journal of Gynecology and Obstetrics</i> , 2017, 139, 268-277.	1.0	11
36	Annulus Calibration Increases the Computational Accuracy of the Lumbar Finite Element Model. <i>Global Spine Journal</i> , 2023, 13, 2310-2318.	1.2	11

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37	Comparison of the Prognostic Value of Different Quantitative Measurements of Increased Signal Intensity on T2-Weighted MRI in Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , 2018, 118, e505-e512.	0.7	10
38	Small extracellular vesicle-mediated miR-320e transmission promotes osteogenesis in OPLL by targeting TAK1. <i>Nature Communications</i> , 2022, 13, 2467.	5.8	10
39	Clinical and Radiologic Results of Anterior Cervical Discectomy and Fusion for Cervical Spondylotic Myelopathy in Elderly Patients with T2-Weighted Increased Signal Intensity. <i>World Neurosurgery</i> , 2018, 112, e520-e526.	0.7	9
40	The relationship between preoperative factors and the presence of intramedullary increased signal intensity on T2-weighted magnetic resonance imaging in patients with cervical spondylotic myelopathy. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 1-6.	0.6	9
41	Local Thymosin β 4 Gel Injection Prevents Esophageal Stricture after Circumferential Endoscopic Submucosal Dissection in a Porcine Model. <i>Digestive Diseases</i> , 2019, 37, 87-92.	0.8	9
42	Integrated transcriptome and proteome analyses identify novel regulatory network of nucleus pulposus cells in intervertebral disc degeneration. <i>BMC Medical Genomics</i> , 2021, 14, 40.	0.7	8
43	Biomechanical Effects of Pedicle Screw Positioning on the Surgical Segment in Models After Oblique Lumbar Interbody Fusion: An in-silico Study. <i>International Journal of General Medicine</i> , 2022, Volume 15, 1047-1056.	0.8	8
44	Predictive Effect of Intervertebral Foramen Width on Pain Relief After ACDF for the Treatment of Cervical Radiculopathy. <i>Global Spine Journal</i> , 2021, , 219256822199344.	1.2	6
45	Intervertebral Foramen Width Is an Important Factor in Deciding Additional Uncinate Process Resection in ACDF—a Retrospective Study. <i>Frontiers in Surgery</i> , 2021, 8, 626344.	0.6	6
46	Intervertebral-spreader-assisted anterior cervical discectomy and fusion prevents postoperative axial pain by alleviating facet joint pressure. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 91.	0.9	6
47	Application of a new integrated low-profile anterior plate and cage system in single-level cervical spondylosis: a preliminary retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 26.	0.9	4
48	Hepatitis C Virus Infection Cycle-Specific MicroRNA Profiling Reveals Stage-Specific miR-4423-3p Targets RIG-I to Facilitate Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 851917.	1.8	2
49	Clinical study on improving postoperative symptoms of cervical spondylotic myelopathy by Qishe pill. <i>Medicine (United States)</i> , 2020, 99, e21994.	0.4	0
50	Corticotrophin-releasing hormone up regulated IL-6, IL-8 and MCP-1 output in primary human myometrial smooth muscle cells via CRHR1 by activating the PKA pathway. <i>FASEB Journal</i> , 2013, 27, .	0.2	0