

Yong Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6997784/publications.pdf>

Version: 2024-02-01

61
papers

1,848
citations

361413

20
h-index

302126

39
g-index

71
all docs

71
docs citations

71
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness and Safety of Inelastic Versus Elastic Lumbosacral Orthoses on Low Back Pain Prevention in Healthy Nurses. <i>Spine</i> , 2022, 47, 656-665.	2.0	1
2	3D visualization and morphometric analysis of spinal motion segments and vascular networks: A synchrotron radiation-based micro-CT study in mice. <i>Journal of Anatomy</i> , 2022, 240, 268-278.	1.5	3
3	Mechanical stimulation promotes enthesis injury repair by mobilizing Prrx1+ cells via ciliary TGF- β 2 signaling. <i>ELife</i> , 2022, 11, .	6.0	9
4	Effect of book-shaped acellular tendon scaffold with bone marrow mesenchymal stem cells sheets on bone-tendon interface healing. <i>Journal of Orthopaedic Translation</i> , 2021, 26, 162-170.	3.9	19
5	<i>Utx</i> Regulates the NF- κ B Signaling Pathway of Natural Stem Cells to Modulate Macrophage Migration during Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 353-364.	3.4	11
6	A combinatorial method to visualize the neuronal network in the mouse spinal cord: combination of a modified Golgi-Cox method and synchrotron radiation micro-computed tomography. <i>Histochemistry and Cell Biology</i> , 2021, 155, 477-489.	1.7	6
7	Knockdown of SNHG1 alleviates autophagy and apoptosis by regulating miR-362-3p/Jak2/stat3 pathway in LPS-injured PC12 cells. <i>Neurochemical Research</i> , 2021, 46, 945-956.	3.3	10
8	The lncRNA Ftx/miR-382-5p/Nrg1 axis improves the inflammation response of microglia and spinal cord injury repair. <i>Neurochemistry International</i> , 2021, 143, 104929.	3.8	25
9	UTX/KDM6A deletion promotes the recovery of spinal cord injury by epigenetically triggering intrinsic neural regeneration. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 337-349.	4.1	13
10	Unilateral Limited Laminectomy for Debridement to Treat Localized Short-Segment Lumbosacral Spinal Tuberculosis: A Retrospective Case Series. <i>Orthopaedic Surgery</i> , 2021, 13, 1170-1180.	1.8	9
11	Simultaneous 3D Visualization of the Microvascular and Neural Network in Mouse Spinal Cord Using Synchrotron Radiation Micro-Computed Tomography. <i>Neuroscience Bulletin</i> , 2021, 37, 1469-1480.	2.9	11
12	Bone Marrow Mesenchymal Stem Cell-Derived Exosome-Educated Macrophages Promote Functional Healing After Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 725573.	3.7	15
13	Exosomal OTULIN from M2 macrophages promotes the recovery of spinal cord injuries via stimulating Wnt/ β -catenin pathway-mediated vascular regeneration. <i>Acta Biomaterialia</i> , 2021, 136, 519-532.	8.3	41
14	Local delivery of USC-derived exosomes harboring ANGPTL3 enhances spinal cord functional recovery after injury by promoting angiogenesis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 20.	5.5	54
15	Bone Marrow Mesenchymal Stem Cell-Derived Exosomes Accelerate Functional Recovery After Spinal Cord Injury by Promoting the Phagocytosis of Macrophages to Clean Myelin Debris. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 772205.	3.7	27
16	Microglia-Derived Exosomal microRNA-151-3p Enhances Functional Healing After Spinal Cord Injury by Attenuating Neuronal Apoptosis via Regulating the p53/p21/CDK1 Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 783017.	3.7	21
17	Comprehensive analysis of N6-methyladenosine (m6A) modification during the degeneration of lumbar intervertebral disc in mice. <i>Journal of Orthopaedic Translation</i> , 2021, 31, 126-138.	3.9	10
18	BMSCs-Derived Exosomes Ameliorate Pain Via Abrogation of Aberrant Nerve Invasion in Subchondral Bone in Lumbar Facet Joint Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 670-679.	2.3	46

#	ARTICLE	IF	CITATIONS
19	Neural stem cell-derived exosomes facilitate spinal cord functional recovery after injury by promoting angiogenesis. <i>Experimental Biology and Medicine</i> , 2020, 245, 54-65.	2.4	86
20	Exosomes derived from human placenta-derived mesenchymal stem cells improve neurologic function by promoting angiogenesis after spinal cord injury. <i>Neuroscience Letters</i> , 2020, 739, 135399.	2.1	41
21	Characterization of the Subchondral Bone and Pain Behavior Changes in a Novel Bipedal Standing Mouse Model of Facet Joint Osteoarthritis. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	5
22	3D Digital Anatomic Angioarchitecture of the Rat Spinal Cord: A Synchrotron Radiation Micro-CT Study. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 41.	1.7	7
23	Association of Sedentary Behavior With Anxiety, Depression, and Suicide Ideation in College Students. <i>Frontiers in Psychiatry</i> , 2020, 11, 566098.	2.6	29
24	Extracellular Vesicles Derived from Epidural Fat-Mesenchymal Stem Cells Attenuate NLRP3 Inflammasome Activation and Improve Functional Recovery After Spinal Cord Injury. <i>Neurochemical Research</i> , 2020, 45, 760-771.	3.3	33
25	LncGBP9/miR-34a axis drives macrophages toward a phenotype conducive for spinal cord injury repair via STAT1/STAT6 and SOCS3. <i>Journal of Neuroinflammation</i> , 2020, 17, 134.	7.2	54
26	SR μ CT Reveals 3D Microstructural Alterations of the Vascular and Neuronal Network in a Rat Model of Chronic Compressive Thoracic Spinal Cord Injury. , 2020, 11, 603.		11
27	3D digital anatomic angioarchitecture of the mouse brain using synchrotron-radiation-based propagation phase-contrast imaging. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1742-1750.	2.4	7
28	Synchrotron radiation micro-tomography for high-resolution neurovascular network morphology investigation. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 607-618.	2.4	9
29	UTX/KDM6A Deletion Promotes Recovery of Spinal Cord Injury by Epigenetically Regulating Vascular Regeneration. <i>Molecular Therapy</i> , 2019, 27, 2134-2146.	8.2	50
30	Subchondral bone osteoclasts induce sensory innervation and osteoarthritis pain. <i>Journal of Clinical Investigation</i> , 2019, 129, 1076-1093.	8.2	239
31	Silencing of lncRNA PKIA-AS1 Attenuates Spinal Nerve Ligation-Induced Neuropathic Pain Through Epigenetic Downregulation of CDK6 Expression. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 50.	3.7	31
32	Non-destructive 3D Microtomography of Cerebral Angioarchitecture Changes Following Ischemic Stroke in Rats Using Synchrotron Radiation. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 5.	1.7	13
33	Unilateral Osteotomy of Lumbar Facet Joint Induces a Mouse Model of Lumbar Facet Joint Osteoarthritis. <i>Spine</i> , 2019, 44, E930-E938.	2.0	7
34	Sensory innervation in porous endplates by Netrin-1 from osteoclasts mediates PGE2-induced spinal hypersensitivity in mice. <i>Nature Communications</i> , 2019, 10, 5643.	12.8	72
35	Macrophage-lineage TRAP+ cells recruit periosteum-derived cells for periosteal osteogenesis and regeneration. <i>Journal of Clinical Investigation</i> , 2019, 129, 2578-2594.	8.2	102
36	Synchrotron Radiation Imaging Reveals the Role of Estrogen in Promoting Angiogenesis After Acute Spinal Cord Injury in Rats. <i>Spine</i> , 2018, 43, 1241-1249.	2.0	18

#	ARTICLE	IF	CITATIONS
37	Morphometric Analysis of Rat Spinal Cord Angioarchitecture by Phase Contrast Radiography. <i>Spine</i> , 2018, 43, E504-E511.	2.0	12
38	Three-dimensional visualization and pathologic characteristics of cartilage and subchondral bone changes in the lumbar facet joint of an ovariectomized mouse model. <i>Spine Journal</i> , 2018, 18, 663-673.	1.3	11
39	Three-dimensional characterization of the microstructure in rabbit patellaâ€“patellar tendon interface using propagation phase-contrast synchrotron radiation microtomography. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1833-1840.	2.4	12
40	Ciliary parathyroid hormone signaling activates transforming growth factor- β^2 to maintain intervertebral disc homeostasis during aging. <i>Bone Research</i> , 2018, 6, 21.	11.4	59
41	3D characterization of morphological changes in the intervertebral disc and endplate during aging: A propagation phase contrast synchrotron micro-tomography study. <i>Scientific Reports</i> , 2017, 7, 43094.	3.3	19
42	Nondestructive imaging of the internal microstructure of vessels and nerve fibers in rat spinal cord using phase-contrast synchrotron radiation microtomography. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 482-489.	2.4	15
43	Comparison of Synchrotron Radiation-based Propagation Phase Contrast Imaging and Conventional Micro-computed Tomography for Assessing Intervertebral Discs and Endplates in a Murine Model. <i>Spine</i> , 2017, 42, E883-E889.	2.0	15
44	Osteopontin, Bone Morphogenetic Protein-4, and Vitamin D Receptor Gene Polymorphisms in the Susceptibility and Clinical Severity of Spinal Tuberculosis. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1881-1893.	1.6	9
45	Interleukin-6, tumor necrosis factor-alpha and receptor activator of nuclear factor kappa ligand are elevated in hypertrophic gastric mucosa of pachydermoperiostosis. <i>Scientific Reports</i> , 2017, 7, 9686.	3.3	4
46	Genetic factors of cervical spondylotic myelopathy-a systemic review. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 89-94.	1.5	10
47	Systemic Administration of Exosomes Released from Mesenchymal Stromal Cells Attenuates Apoptosis, Inflammation, and Promotes Angiogenesis after Spinal Cord Injury in Rats. <i>Journal of Neurotrauma</i> , 2017, 34, 3388-3396.	3.4	200
48	Three Dimensional Quantification of Microarchitecture and Vessel Regeneration by Synchrotron Radiation Microcomputed Tomography in a Rat Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1187-1199.	3.4	30
49	Synchrotron radiation micro-CT as a novel tool to evaluate the effect of agomir-210 in a rat spinal cord injury model. <i>Brain Research</i> , 2017, 1655, 55-65.	2.2	18
50	The 3D characteristics of post-traumatic syringomyelia in a rat model: a propagation-based synchrotron radiation microtomography study. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 1218-1225.	2.4	7
51	MicroRNA-336 directly targets Sox-2 in osteosarcoma to inhibit tumorigenesis. <i>Molecular Medicine Reports</i> , 2017, 15, 4217-4224.	2.4	3
52	Tetramethylpyrazine Facilitates Functional Recovery after Spinal Cord Injury by Inhibiting MMP2, MMP9, and Vascular Endothelial Cell Apoptosis. <i>Current Neurovascular Research</i> , 2017, 14, 110-116.	1.1	19
53	The Angiogenic Effect of microRNA-21 Targeting TIMP3 through the Regulation of MMP2 and MMP9. <i>PLoS ONE</i> , 2016, 11, e0149537.	2.5	64
54	Micro-CT as a Tool to Investigate the Efficacy of Tetramethylpyrazine in a Rat Spinal Cord Injury Model. <i>Spine</i> , 2016, 41, 1272-1278.	2.0	16

#	ARTICLE	IF	CITATIONS
55	Visualization of mouse spinal cord intramedullary arteries using phase- and attenuation-contrast tomographic imaging. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 966-974.	2.4	6
56	Tetramethylpyrazine enhances functional recovery after contusion spinal cord injury by modulation of MicroRNA-21, FasL, PDCD4 and PTEN expression. <i>Brain Research</i> , 2016, 1648, 35-45.	2.2	29
57	3D visualization of the lumbar facet joint after degeneration using propagation phase contrast micro-tomography. <i>Scientific Reports</i> , 2016, 6, 21838.	3.3	12
58	360-degree cervical spinal arthrodesis for treatment of pediatric cervical spinal tuberculosis with kyphosis. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 175.	1.9	18
59	Three-dimensional imaging of microvasculature in the rat spinal cord following injury. <i>Scientific Reports</i> , 2015, 5, 12643.	3.3	58
60	Preparation and Characterization of a Novel Decellularized Fibrocartilage "Book" Scaffold for Use in Tissue Engineering. <i>PLoS ONE</i> , 2015, 10, e0144240.	2.5	17
61	High-resolution three-dimensional visualization of the rat spinal cord microvasculature by synchrotron radiation micro-CT. <i>Medical Physics</i> , 2014, 41, 101904.	3.0	35