

Li Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7852771/publications.pdf>

Version: 2024-02-01

26
papers

612
citations

471061

17
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Neutrophil-Specific PET Imaging Agent: cFLFLK-PEG- ⁶⁴ Cu. <i>Journal of Nuclear Medicine</i> , 2009, 50, 790-797.	2.8	102
2	3D Printed Microheater Sensor-Integrated, Drug-Encapsulated Microneedle Patch System for Pain Management. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901170.	3.9	40
3	Synthesis of the Cyanine 7 labeled neutrophil-specific agents for noninvasive near infrared fluorescence imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3515-3517.	1.0	37
4	Neutrophil Targeting Heterobivalent SPECT Imaging Probe: cFLFLF-PEG-TKPPR- ^{99m} Tc. <i>Bioconjugate Chemistry</i> , 2010, 21, 1788-1793.	1.8	37
5	Heptamethine cyanine based ⁶⁴ Cu-PET probe PC-1001 for cancer imaging: Synthesis and in vivo evaluation. <i>Nuclear Medicine and Biology</i> , 2013, 40, 351-360.	0.3	34
6	A Novel Near-Infrared Fluorescence Imaging Probe for in Vivo Neutrophil Tracking. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00054.	0.7	32
7	A New Formyl Peptide Receptor-1 Antagonist Conjugated Fullerene Nanoparticle for Targeted Treatment of Degenerative Disc Diseases. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38405-38416.	4.0	31
8	Trimetallic Nitride Endohedral Fullerenes Carboxyl-Gd ₃ N@C ₈₀ : A New Theranostic Agent for Combating Oxidative Stress and Resolving Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17681-17687.	4.0	30
9	A Novel Modality for Functional Imaging in Acute Intervertebral Disk Herniation via Tracking Leukocyte Infiltration. <i>Molecular Imaging and Biology</i> , 2017, 19, 703-713.	1.3	28
10	Improving Therapeutic Potential of Farnesylthiosalicylic Acid: Tumor Specific Delivery via Conjugation with Heptamethine Cyanine Dye. <i>Molecular Pharmaceutics</i> , 2017, 14, 1-13.	2.3	27
11	Nanoparticle fullerol alleviates radiculopathy via NLRP3 inflammasome and neuropeptides. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2049-2059.	1.7	27
12	Microfluidic Disc-on-a-Chip Device for Mouse Intervertebral Disc "Pitching a Next-Generation Research Platform To Study Disc Degeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2041-2051.	2.6	22
13	A novel culture platform for fast proliferation of human annulus fibrosus cells. <i>Cell and Tissue Research</i> , 2017, 367, 339-350.	1.5	21
14	Novel cancer-targeting SPECT/NIRF dual-modality imaging probe ^{99m} Tc-PC-1007: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6350-6354.	1.0	20
15	Detecting Chronic Post-Traumatic Osteomyelitis of Mouse Tibia via an IL-13R ^{v2} Targeted Metallofullerene Magnetic Resonance Imaging Probe. <i>Bioconjugate Chemistry</i> , 2017, 28, 649-658.	1.8	20
16	Molecular Detection and Assessment of Intervertebral Disc Degeneration via a Collagen Hybridizing Peptide. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1661-1667.	2.6	20
17	A novel near-infrared fluorescence imaging probe for in vivo neutrophil tracking. <i>Molecular Imaging</i> , 2012, 11, 372-82.	0.7	18
18	Hydroxylated Fullerene: A Stellar Nanomedicine to Treat Lumbar Radiculopathy via Antagonizing TNF- α -Induced Ion Channel Activation, Calcium Signaling, and Neuropeptide Production. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 266-277.	2.6	17

#	ARTICLE	IF	CITATIONS
19	Heterogeneous macrophages contribute to the pathology of disc herniation induced radiculopathy. <i>Spine Journal</i> , 2022, 22, 677-689.	0.6	11
20	Label-Free Method for Cell Counting in Crude Biological Samples via Paramagnetic Bead Aggregation. <i>Analytical Chemistry</i> , 2013, 85, 11233-11239.	3.2	9
21	A multi-throughput mechanical loading system for mouse intervertebral disc. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 105, 103636.	1.5	8
22	Link protein N-terminal peptide and fullerol promote matrix production and decrease degradation enzymes in rabbit annulus cells. <i>Connective Tissue Research</i> , 2018, 59, 191-200.	1.1	6
23	Single-cell assessment of the modulation of macrophage activation by ex vivo intervertebral discs using impedance cytometry. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114346.	5.3	5
24	Amine Functionalized Trimetallic Nitride Endohedral Fullerenes: A Class of Nanoparticle to Tackle Low Back/Leg Pain. <i>ACS Applied Bio Materials</i> , 2022, 5, 2943-2955.	2.3	5
25	Synthesis of PECAM-1-specific ⁶⁴ Cu PET imaging agent: Evaluation of myocardial infarction caused by ischemia-reperfusion injury in mouse. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4144-4147.	1.0	4
26	Microneedle Patches: 3D Printed Microheater Sensor-Integrated, Drug-Encapsulated Microneedle Patch System for Pain Management (<i>Adv. Healthcare Mater.</i> 23/2019). <i>Advanced Healthcare Materials</i> , 2019, 8, 1970093.	3.9	1