

# Si-Jia Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4335114/publications.pdf>

Version: 2024-02-01

17  
papers

1,191  
citations

623734

14  
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839539

18  
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18  
all docs

18  
docs citations

18  
times ranked

1865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensor for Mercury(II) Based on Conformational Switch Mediated by Interstrand Cooperative Coordination. <i>Analytical Chemistry</i> , 2009, 81, 5724-5730.	6.5	252
2	A Highly Sensitive Target-Primed Rolling Circle Amplification (TPRCA) Method for Fluorescent <i>in Situ</i> Hybridization Detection of MicroRNA in Tumor Cells. <i>Analytical Chemistry</i> , 2014, 86, 1808-1815.	6.5	132
3	An injectable collagen-genipin-carbon dot hydrogel combined with photodynamic therapy to enhance chondrogenesis. <i>Biomaterials</i> , 2019, 218, 119190.	11.4	131
4	Structure-Switching Aptamer Triggering Hybridization Chain Reaction on the Cell Surface for Activatable Theranostics. <i>Analytical Chemistry</i> , 2015, 87, 6470-6474.	6.5	108
5	Phospholipid-Coated Carbon Nanotubes as Sensitive Electrochemical Labels with Controlled Assembly-Mediated Signal Transduction for Magnetic Separation Immunoassay. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9862-9866.	13.8	88
6	Intensified Stiffness and Photodynamic Provocation in a Collagen-Based Composite Hydrogel Drive Chondrogenesis. <i>Advanced Science</i> , 2019, 6, 1900099.	11.2	80
7	Mechanically cartilage-mimicking poly(PCL-PTHF urethane)/collagen nanofibers induce chondrogenesis by blocking NF- $\kappa$ B signaling pathway. <i>Biomaterials</i> , 2018, 178, 281-292.	11.4	72
8	DNA Encapsulating Liposome Based Rolling Circle Amplification Immunoassay as a Versatile Platform for Ultrasensitive Detection of Protein. <i>Analytical Chemistry</i> , 2009, 81, 9664-9673.	6.5	71
9	Phospholipid-Graphene Nanoassembly as a Fluorescence Biosensor for Sensitive Detection of Phospholipase D Activity. <i>Analytical Chemistry</i> , 2012, 84, 5944-5950.	6.5	60
10	Facile synthesis of carboxymethyl cellulose sulfur quantum dots for live cell imaging and sensitive detection of Cr(VI) and ascorbic acid. <i>Carbohydrate Polymers</i> , 2020, 249, 116882.	10.2	55
11	Developing Activity Localization Fluorescence Peptide Probe Using Thiol-Ene Click Reaction for Spatially Resolved Imaging of Caspase-8 in Live Cells. <i>Analytical Chemistry</i> , 2016, 88, 7867-7872.	6.5	44
12	Effect of metformin on ossification and inflammation of fibroblasts in ankylosing spondylitis: An <i>in vitro</i> study. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1074-1082.	2.6	34
13	Aptamer-based fluorometric determination of ATP by using target-cycling strand displacement amplification and copper nanoclusters. <i>Mikrochimica Acta</i> , 2017, 184, 4183-4188.	5.0	28
14	Enzyme-free electrochemical biosensor based on amplification of proximity-dependent surface hybridization chain reaction for ultrasensitive mRNA detection. <i>Talanta</i> , 2021, 222, 121536.	5.5	18
15	An excited-state intramolecular photon transfer fluorescence probe for localizable live cell imaging of cysteine. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 014012.	2.3	5
16	Gold nanoparticle supported phospholipid membranes as a biomimetic biosensor platform for phosphoinositide signaling detection. <i>Biosensors and Bioelectronics</i> , 2014, 62, 113-119.	10.1	3
17	A Novel Approach to Detect 2,4,6-trinitrotoluene/2,4,6-trinitrophenol Based on Fluorescence Quenching via Charge Transfer of Silicon Quantum Dots. <i>Acta Chimica Sinica</i> , 2014, 72, 563.	1.4	2