

# Xia Liu

## List of Publications by Year in descending order

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19  
papers

269  
citations

1039880

9  
h-index

940416

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-based epoxy-anhydride thermosets from multi-armed cardanol-derived epoxy oligomers. <i>Polymers for Advanced Technologies</i> , 2022, 33, 2571-2580.	1.6	3
2	A high-performance polycyanurate network derived from 4,4'-biscyanato-2,2'-trifluoromethylbiphenyl. <i>Polymer Chemistry</i> , 2020, 11, 784-788.	1.9	5
3	Unraveling a Sustainable Process for the Production of High-Strength $\alpha$ -Gypsum Using Soda Residues and $\text{H}_2\text{SO}_4$ . <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 16516-16526.	1.8	4
4	Development of Sphere-Polymer Brush Hierarchical Nanostructure Substrates for Fabricating Microarrays with High Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38101-38108.	4.0	14
5	Multiplexed detection of microRNAs by a competitive DNA microarray-based resonance light scattering assay. <i>Analyst</i> , 2017, 142, 4529-4535.	1.7	15
6	Poly(glycidyl methacrylate-co-2-hydroxyethyl methacrylate) Brushes as Peptide/Protein Microarray Substrate for Improving Protein Binding and Functionality. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 10174-10182.	4.0	47
7	Surface ligation-based resonance light scattering analysis of methylated genomic DNA on a microarray platform. <i>Analyst</i> , 2016, 141, 3084-3089.	1.7	8
8	Development of a sandwiched microarray platform for studying the interactions of antibiotics with <i>Staphylococcus aureus</i> . <i>Analytica Chimica Acta</i> , 2016, 917, 93-100.	2.6	5
9	Peptide microarray-based fluorescence assay for simultaneously detecting matrix metalloproteinases. <i>Analytical Methods</i> , 2016, 8, 72-77.	1.3	7
10	The Peptide Microarray-Based Resonance Light Scattering Assay for Sensitively Detecting Intracellular Kinase Activity. <i>Methods in Molecular Biology</i> , 2016, 1352, 85-96.	0.4	1
11	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15513-15522.	5.2	26
12	Spheres-on-sphere silica microspheres as matrix for horseradish peroxidase immobilization and detection of hydrogen peroxide. <i>RSC Advances</i> , 2015, 5, 38665-38672.	1.7	12
13	Nanofibrous microspheres via emulsion gelation and carbonization. <i>Chemical Communications</i> , 2015, 51, 16864-16867.	2.2	14
14	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. <i>Biosensors and Bioelectronics</i> , 2014, 58, 92-100.	5.3	31
15	Fabricating three-dimensional hydrogel oligonucleotide microarrays to detect single nucleotide polymorphisms. <i>Analytical Methods</i> , 2013, 5, 285-290.	1.3	12
16	Versatile Fluorescent Conjugated Polyelectrolyte-Capped Mesoporous Silica Nanoparticles for Controlled Drug Delivery and Imaging. <i>ChemPlusChem</i> , 2013, 78, 656-662.	1.3	5
17	Hybrid mesoporous gadolinium oxide nanorods: a platform for multimodal imaging and enhanced insoluble anticancer drug delivery with low systemic toxicity. <i>Journal of Materials Chemistry</i> , 2012, 22, 14982.	6.7	59
18	Ricinus communis agglutinin I functionalisation of poly(methyl methacrylate) (PMMA) as a substrate for microfluidic device. <i>Science China Chemistry</i> , 2012, 55, 537-542.	4.2	0

#	ARTICLE	IF	CITATIONS
19	Focus on the nanomaterial-based biosensor papers in Chinese Journal of Analytical Chemistry of the year 2010. Science China Chemistry, 2011, 54, 1365-1367.	4.2	1