

Jiliang Liu

List of Publications by Year in descending order

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14
papers

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1040056

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15
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15
docs citations

15
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid structure exhibits polymorphism on multiple length scales in human brain tissue. Scientific Reports, 2016, 6, 33079.	3.3	48
2	The impact of alterations in lignin deposition on cellulose organization of the plant cell wall. Biotechnology for Biofuels, 2016, 9, 126.	6.2	40
3	DNA origami single crystals with Wulff shapes. Nature Communications, 2021, 12, 3011.	12.8	38
4	Programmable Cococrystallization of DNA Origami Shapes. Journal of the American Chemical Society, 2020, 142, 21336-21343.	13.7	32
5	Myelin Organization in the Nodal, Paranodal, and Juxtaparanodal Regions Revealed by Scanning X-Ray Microdiffraction. PLoS ONE, 2014, 9, e100592.	2.5	24
6	Enhanced rates of enzymatic saccharification and catalytic synthesis of biofuel substrates in gelatinized cellulose generated by trifluoroacetic acid. Biotechnology for Biofuels, 2017, 10, 310.	6.2	23
7	Tissue specific specialization of the nanoscale architecture of Arabidopsis. Journal of Structural Biology, 2013, 184, 103-114.	2.8	16
8	Unwarping GISAXS data. IUCr, 2018, 5, 737-752.	2.2	13
9	Scanning structural mapping at the Life Science X-ray Scattering Beamline. Journal of Synchrotron Radiation, 2022, 29, 540-548.	2.4	11
10	Two-Stage Assembly of Nanoparticle Superlattices with Multiscale Organization. Nano Letters, 2022, 22, 3809-3817.	9.1	10
11	Healing X-ray scattering images. IUCr, 2017, 4, 455-465.	2.2	9
12	Scanning x-ray microdiffraction: In situ molecular imaging of tissue and materials. Current Opinion in Structural Biology, 2022, 75, 102421.	5.7	4
13	Directional assembly of nanoparticles by DNA shapes: towards designed architectures and functionality. Topics in Current Chemistry Collections, 2020, , 157-190.	0.5	1
14	A new pre-processing method for scanning X-ray microdiffraction patterns. , 2015, , .		0