

# Lauren Matthews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1841669/publications.pdf>

Version: 2024-02-01

10  
papers

74  
citations

1684188

5  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

93  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biobased Carbon Dots: From Fish Scales to Photocatalysis. <i>Nanomaterials</i> , 2021, 11, 524.	4.1	25
2	Reversible temperature-controlled gelation in mixtures of pNIPAM microgels and non-ionic polymer surfactant. <i>Soft Matter</i> , 2019, 15, 8578-8588.	2.7	11
3	The curious case of SDS self-assembly in glycerol: Formation of a lamellar gel. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 384-395.	9.4	10
4	Structural changes in lipid mesophases due to intercalation of dendritic polymer nanoparticles: Swollen lamellae, suppressed curvature, and augmented structural disorder. <i>Acta Biomaterialia</i> , 2020, 104, 198-209.	8.3	8
5	Fracto-eutectogels: SDS fractal dendrites <i>via</i> counterion condensation in a deep eutectic solvent. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11672-11683.	2.8	6
6	Sonochemical production and activation of responsive polymer microspheres. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 397-409.	8.2	5
7	Unexpected observation of an intermediate hexagonal phase upon fluid-to-gel transition: SDS self-assembly in glycerol. <i>Colloids and Interface Science Communications</i> , 2021, 40, 100342.	4.1	4
8	High-resolution structural elucidation of extremely swollen lyotropic phases. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 359-367.	9.4	3
9	Structural and dynamical aspects of extremely swollen lyotropic phases. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129409.	4.7	2
10	Molecular photonic materials: Controlling fabrication of J-aggregate thin films. , 2017, , .		0