

# Steffen Bochenek

## List of Publications by Year in descending order

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18  
papers

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citations

759055

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940416

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18  
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18  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the colloid-to-polymer transition for ultra-low crosslinked microgels from three to two dimensions. <i>Nature Communications</i> , 2019, 10, 1418.	5.8	90
2	How Softness Matters in Soft Nanogels and Nanogel Assemblies. <i>Chemical Reviews</i> , 2022, 122, 11675-11700.	23.0	48
3	Effect of the 3D Swelling of Microgels on Their 2D Phase Behavior at the Liquid–Liquid Interface. <i>Langmuir</i> , 2019, 35, 16780-16792.	1.6	47
4	Stiffness Tomography of Ultra-Soft Nanogels by Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2280-2287.	7.2	39
5	Flow properties reveal the particle-to-polymer transition of ultra-low crosslinked microgels. <i>Soft Matter</i> , 2020, 16, 668-678.	1.2	31
6	Temperature-sensitive soft microgels at interfaces: air–water versus oil–water. <i>Soft Matter</i> , 2021, 17, 976-988.	1.2	29
7	Tuning the Structure and Properties of Ultra-Low Cross-Linked Temperature-Sensitive Microgels at Interfaces via the Adsorption Pathway. <i>Langmuir</i> , 2019, 35, 14769-14781.	1.6	27
8	Stimulated Transitions of Directed Nonequilibrium Self-Assemblies. <i>Advanced Materials</i> , 2017, 29, 1703495.	11.1	25
9	Influence of Charges on the Behavior of Polyelectrolyte Microgels Confined to Oil–Water Interfaces. <i>Langmuir</i> , 2020, 36, 11079-11093.	1.6	22
10	Phase behavior of ultrasoft spheres show stable bcc lattices. <i>Physical Review E</i> , 2020, 102, 052602.	0.8	19
11	In-situ study of the impact of temperature and architecture on the interfacial structure of microgels. <i>Nature Communications</i> , 2022, 13, .	5.8	19
12	Compression and Ordering of Microgels in Monolayers Formed at Liquid–Liquid Interfaces: Computer Simulation Studies. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 19903-19915.	4.0	15
13	Anisotropic Microgels Show Their Soft Side. <i>Langmuir</i> , 2022, 38, 5063-5080.	1.6	11
14	Adsorption dynamics of thermoresponsive microgels with incorporated short oligo(ethylene glycol) chains at the oil–water interface. <i>Soft Matter</i> , 2021, 17, 6127-6139.	1.2	6
15	Interactions between a responsive microgel monolayer and a rigid colloid: from soft to hard interfaces. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16754-16766.	1.3	6
16	Stiffness Tomography of Ultra-Soft Nanogels by Atomic Force Microscopy. <i>Angewandte Chemie</i> , 2021, 133, 2310-2317.	1.6	4
17	Frontispiece: Stiffness Tomography of Ultra-Soft Nanogels by Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0
18	Frontispiz: Stiffness Tomography of Ultra-Soft Nanogels by Atomic Force Microscopy. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0