Steffen Bochenek

List of Publications by Year
in descending order

18 papers	438 citations	759055 12 h-index	940416 16 g-index
18 all docs	18 docs citations	18 times ranked	374 citing authors

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