Koki Sano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5125387/publications.pdf

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15	614	933264 10	1058333 14
papers	citations	h-index	g-index

15	15	15	935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Anisotropic Hydrogels and Their Applications. Angewandte Chemie - International Edition, 2018, 57, 2532-2543.	7.2	287
2	Photonic water dynamically responsive to external stimuli. Nature Communications, 2016, 7, 12559.	5.8	83
3	Spontaneous Direct Band Gap, High Hole Mobility, and Huge Exciton Energy in Atomic-Thin TiO₂ Nanosheet. Chemistry of Materials, 2018, 30, 6449-6457.	3.2	50
4	One-pot universal initiation-growth methods from a liquid crystalline block copolymer. Nature Communications, 2019, 10, 2397.	5.8	39
5	Extraâ€Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. Angewandte Chemie - International Edition, 2018, 57, 12508-12513.	7.2	30
6	A mechanically adaptive hydrogel with a reconfigurable network consisting entirely of inorganic nanosheets and water. Nature Communications, 2020, 11, 6026.	5.8	29
7	Anisotrope Hydrogele â€“ Synthese und Anwendungen. Angewandte Chemie, 2018, 130, 2558-2570.	1.6	24
8	Anisotropic fluid with phototunable dielectric permittivity. Nature Communications, 2022, 13, 1142.	5.8	17
9	Molecularly Engineered â€œJanus GroELâ€• Application to Supramolecular Copolymerization with a Higher Level of Sequence Control. Journal of the American Chemical Society, 2020, 142, 13310-13315.	6.6	13
10	Brush Polymers as Nanoscale Building Blocks for Hydrogel Synthesis. Chemistry of Materials, 2021, 33, 5748-5756.	3.2	11
11	Internal structure and mechanical property of an anisotropic hydrogel with electrostatic repulsion between nanosheets. Polymer, 2019, 177, 43-48.	1.8	10
12	Propagating wave in a fluid by coherent motion of 2D colloids. Nature Communications, 2021, 12, 6771.	5.8	10
13	Extraâ€Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. Angewandte Chemie, 2018, 130, 12688-12693.	1.6	8
14	A water-soluble corannulene with highly efficient ROS production. Materials Chemistry and Physics, 2022, 281, 125885.	2.0	3
15	Development of Softmaterials Based on Electrostatic Repulsion between Inorganic Nanosheets. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2018, 26, 170-174.	0.0	0