

# Koki Sano

## List of Publications by Year in descending order

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

Version: 2024-02-01

15  
papers

614  
citations

933264

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1058333

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15  
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15  
docs citations

15  
times ranked

935  
citing authors

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