Lukas Zeininger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8301058/publications.pdf

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29	593	567281 15	610901 24
papers	citations	h-index	g-index

31	31	31	566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crown Etherâ€Functionalized Complex Emulsions as an Artificial Adaptive Material Platform. Advanced Functional Materials, 2022, 32, 2107688.	14.9	11
2	Reversible morphology-resolved chemotactic actuation and motion of Janus emulsion droplets. Nature Communications, 2022, 13, 2562.	12.8	14
3	Immobilization of Goldâ€onâ€Carbon Catalysts Onto Perfluorocarbon Emulsion Droplets to Promote Oxygen Delivery in Aqueous Phase D â€Glucose Oxidation. ChemCatChem, 2021, 13, 196-201.	3.7	3
4	Structurally Anisotropic Janus Particles with Tunable Amphiphilicity via Polymerization of Dynamic Complex Emulsions. Macromolecules, 2021, 54, 981-987.	4.8	14
5	Cascade communication in disordered networks of enzyme-loaded microdroplets. Chemical Communications, 2021, 57, 1631-1634.	4.1	5
6	Synthesis of Polymer Janus Particles with Tunable Wettability Profiles as Potent Solid Surfactants to Promote Gas Delivery in Aqueous Reaction Media. ACS Applied Materials & Interfaces, 2021, 13, 32510-32519.	8.0	24
7	Facile Monitoring of Water Hardness Levels Using Responsive Complex Emulsions. Analytical Chemistry, 2021, 93, 9390-9396.	6.5	13
8	Actuation of Janus Emulsion Droplets via Optothermally Induced Marangoni Forces. Physical Review Letters, 2021, 127, 144503.	7.8	17
9	Janus Emulsion Solar Concentrators as Photocatalytic Droplet Microreactors. Advanced Optical Materials, 2021, 9, 2101139.	7.3	16
10	Temperature sensitive water-in-water emulsions. Chemical Communications, 2020, 56, 6814-6817.	4.1	26
11	Cascade Kinetics in an Enzyme-Loaded Aqueous Two-Phase System. Langmuir, 2020, 36, 1401-1408.	3.5	24
12	Responsive Janus and Cerberus emulsions via temperature-induced phase separation in aqueous polymer mixtures. Journal of Colloid and Interface Science, 2020, 575, 88-95.	9.4	41
13	Responsive drop method: quantitativein situdetermination of surfactant effectiveness using reconfigurable Janus emulsions. Soft Matter, 2020, 16, 10419-10424.	2.7	14
14	Rapid Detection of Salmonella enterica via Directional Emission from Carbohydrate-Functionalized Dynamic Double Emulsions. ACS Central Science, 2019, 5, 789-795.	11.3	48
15	Waveguide-based chemo- and biosensors: complex emulsions for the detection of caffeine and proteins. Lab on A Chip, 2019, 19, 1327-1331.	6.0	34
16	Janus Graphene: Scalable Selfâ€Assembly and Solutionâ€Phase Orthogonal Functionalization. Advanced Materials, 2019, 31, e1900438.	21.0	42
17	HamiltonReceptorâ€Mediated Selfâ€Assembly of Orthogonally Functionalized Au and TiO2Nanoparticles. Helvetica Chimica Acta, 2019, 102, e1900015.	1.6	5
18	Morphology-Dependent Luminescence in Complex Liquid Colloids. Journal of the American Chemical Society, 2019, 141, 3802-3806.	13.7	24

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19	Emulsion Agglutination Assay for the Detection of Proteinâ€“Protein Interactions: An Optical Sensor for Zika Virus. ACS Sensors, 2019, 4, 180-184.	7.8	36
20	Manufacturing Nanoparticles with Orthogonally Adjustable Dispersibility in Hydrocarbons, Fluorocarbons, and Water. ChemistryOpen, 2018, 7, 282-287.	1.9	18
21	Manufacturing Nanoparticles with Orthogonally Adjustable Dispersibility in Hydrocarbons, Fluorocarbons, and Water. ChemistryOpen, 2018, 7, 277-277.	1.9	0
22	Resistive and Capacitive Î³-Ray Dosimeters Based On Triggered Depolymerization in Carbon Nanotube Composites. ACS Sensors, 2018, 3, 976-983.	7.8	17
23	Highly Efficient Encapsulation and Phase Separation of Apolar Molecules by Magnetic Shellâ€byâ€Shellâ€Coated Nanocarriers in Water. Chemistry - A European Journal, 2018, 24, 13589-13595.	3.3	11
24	Quantitative Determination and Comparison of the Surface Binding of Phosphonic Acid, Carboxylic Acid, and Catechol Ligands on TiO₂ Nanoparticles. Chemistry - A European Journal, 2016, 22, 13506-13512.	3.3	63
25	Hydrogen bonding mediated orthogonal and reversible self-assembly of porphyrin sensitizers onto TiO₂ nanoparticles. Chemical Communications, 2016, 52, 8842-8845.	4.1	21
26	Very Facile Polarity Umpolung and Noncovalent Functionalization of Inorganic Nanoparticles: A Tool Kit for Supramolecular Materials Chemistry. Chemistry - A European Journal, 2015, 21, 14030-14035.	3.3	19
27	Surface Modification of ZnO Nanorods with Hamilton Receptors. International Journal of Molecular Sciences, 2015, 16, 8186-8200.	4.1	7
28	A Supramolecular Approach for the Facile Solubilization and Separation of Covalently Functionalized Singleâ€Walled Carbon Nanotubes. Chemistry - A European Journal, 2014, 20, 2537-2541.	3.3	16
29	Grafting Perylenes to ZnO Nanoparticles. Chemistry - A European Journal, 2014, 20, 2529-2536.	3.3	10