

Stephan Eickelmann

List of Publications by Year in descending order

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papers

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1163117

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996975

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docs citations

18
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Deposition of polymer films by spin casting: A quantitative analysis. <i>Chemical Engineering Science</i> , 2018, 179, 257-264.	3.8	56
2	Directed Self-Assembly of Dipeptide Single Crystal in a Capillary. <i>ACS Nano</i> , 2018, 12, 1934-1939.	14.6	26
3	Self-Assembly of Ultralong Aligned Dipeptide Single Crystals. <i>ACS Nano</i> , 2017, 11, 10489-10494.	14.6	24
4	On-Chip Neo-Glycopeptide Synthesis for Multivalent Glycan Presentation. <i>Chemistry - A European Journal</i> , 2020, 26, 9954-9963.	3.3	18
5	Laser-driven growth of structurally defined transition metal oxide nanocrystals on carbon nitride photoelectrodes in milliseconds. <i>Nature Communications</i> , 2021, 12, 3224.	12.8	15
6	A Low-Cost Laser-Based Nano-3D Polymer Printer for Rapid Surface Patterning and Chemical Synthesis of Peptide and Glycan Microarrays. <i>Advanced Materials Technologies</i> , 2019, 4, 1900503.	5.8	13
7	Laser-induced forward transfer of soft material nanolayers with millisecond pulses shows contact-based material deposition. <i>Applied Surface Science</i> , 2020, 508, 144973.	6.1	13
8	Rupture of ultrathin solution films on planar solid substrates induced by solute crystallization. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 63-69.	9.4	9
9	Controlled-Alignment Patterns of Dipeptide Micro- and Nanofibers. <i>ACS Nano</i> , 2022, 16, 10372-10382.	14.6	9
10	Alkanes as Intelligent Surface Thermometers: A Facile Approach to Characterize Short-Lived Temperature Gradients on the Micrometer Scale. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001626.	3.7	8
11	Ultrasonic-Assisted Synthesis of Highly Defined Silver Nanodimers by Self-Assembly for Improved Surface-Enhanced Raman Spectroscopy. <i>Chemistry - A European Journal</i> , 2020, 26, 1243-1248.	3.3	6
12	Evaporation behavior of a thinning liquid film in a spin coating setup: Comparison between calculation and experiment. <i>Engineering Reports</i> , 2021, 3, e12390.	1.7	6
13	Probing Multivalent Carbohydrate-Protein Interactions With On-Chip Synthesized Glycopeptides Using Different Functionalized Surfaces. <i>Frontiers in Chemistry</i> , 2021, 9, 766932.	3.6	6
14	Meniscus Shape around Nanoparticles Embedded in Molecularly Thin Liquid Films. <i>Langmuir</i> , 2018, 34, 11364-11373.	3.5	5
15	Automated laser-assisted synthesis of microarrays for infectious disease research. , 2019, , .		3
16	Assessing Polymer-Surface Adhesion with a Polymer Collection. <i>Langmuir</i> , 2022, , .	3.5	3
17	Microarray Synthesizer: A Low-Cost Laser-Based Nano-3D Polymer Printer for Rapid Surface Patterning and Chemical Synthesis of Peptide and Glycan Microarrays (<i>Adv. Mater. Technol.</i> 11/2019). <i>Advanced Materials Technologies</i> , 2019, 4, 1970062.	5.8	1