

# Stephan Eickelmann

## List of Publications by Year in descending order

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17  
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1163117

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docs citations

18  
times ranked

294  
citing authors

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