

Stefan M Piontek

List of Publications by Year in descending order

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11
papers

311
citations

1040056

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1281871

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docs citations

11
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Ni-Metalloid (B, Si, P, As, and Te) Alloys as Water Oxidation Electrocatalysts. <i>Advanced Energy Materials</i> , 2019, 9, 1900796.	19.5	93
2	Insights on Interfacial Structure, Dynamics, and Proton Transfer from Ultrafast Vibrational Sum Frequency Generation Spectroscopy of the Alumina(0001)/Water Interface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5168-5177.	3.1	53
3	Relating Interfacial Order to Sum Frequency Generation with Ab Initio Simulations of the Aqueous Al ₂ O ₃ (0001) and (112̄1..0) Interfaces. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21284-21294.	3.1	30
4	Monovalent and Divalent Cations at the $\hat{1}\pm$ -Al ₂ O ₃ (0001)/Water Interface: How Cation Identity Affects Interfacial Ordering and Vibrational Dynamics. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18315-18324.	3.1	29
5	Effect of Halide Anions on the Structure and Dynamics of Water Next to an Alumina (0001) Surface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12819-12830.	3.1	28
6	Effect of Functional and Electron Correlation on the Structure and Spectroscopy of the Al ₂ O ₃ (001)-H ₂ O Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2031-2036.	4.6	22
7	Probing Heterogeneous Charge Distributions at the $\hat{1}\pm$ -Al ₂ O ₃ (0001)/H ₂ O Interface. <i>Journal of the American Chemical Society</i> , 2020, 142, 12096-12105.	13.7	21
8	Surface induced changes in coumarin solvation and photochemistry at polar solid/liquid interfaces. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14758.	2.8	13
9	Vibrational Dynamics at Aqueous-Mineral Interfaces. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2307-2324.	3.1	13
10	Coumarin Partitioning in Model Biological Membranes: Limitations of log ₁₀ P as a Predictor. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8299-8308.	2.6	6
11	Simple Methods for the Preparation of Non-noble Metal Bulk-electrodes for Electrocatalytic Applications. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3