

Stefan M Piontek

List of Publications by Year in descending order

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11
papers

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1040056

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times ranked

481
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Vibrational Dynamics at Aqueous–Mineral Interfaces. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2307-2324. | 3.1 | 13 |
| 2 | Coumarin Partitioning in Model Biological Membranes: Limitations of $\log P$ as a Predictor. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8299-8308. | 2.6 | 6 |
| 3 | Probing Heterogeneous Charge Distributions at the $\gamma\text{-Al}_2\text{O}_3(0001)/\text{H}_2\text{O}$ Interface. <i>Journal of the American Chemical Society</i> , 2020, 142, 12096-12105. | 13.7 | 21 |
| 4 | Monovalent and Divalent Cations at the $\gamma\text{-Al}_2\text{O}_3(0001)/\text{Water}$ 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 | Ni–Metalloid (B, Si, P, As, and Te) Alloys as Water Oxidation Electrocatalysts. <i>Advanced Energy Materials</i> , 2019, 9, 1900796. | 19.5 | 93 |
| 6 | Effect of Functional and Electron Correlation on the Structure and Spectroscopy of the $\text{Al}_2\text{O}_3(001)\text{-H}_2\text{O}$ Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2031-2036. | 4.6 | 22 |
| 7 | Relating Interfacial Order to Sum Frequency Generation with Ab Initio Simulations of the Aqueous $\text{Al}_2\text{O}_3(0001)$ and $(11\bar{2}\dots 0)$ Interfaces. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21284-21294. | 3.1 | 30 |
| 8 | 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 |
| 9 | 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 |
| 10 | Simple Methods for the Preparation of Non-noble Metal Bulk-electrodes for Electrocatalytic Applications. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 3 |
| 11 | 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 |