

Sunghwan Shin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3723705/publications.pdf>

Version: 2024-02-01

21
papers

342
citations

840776

11
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Ambient Conditions on the Potential Screening at Ionic Liquid “ Electrode Interfaces. <i>Journal of Ionic Liquids</i> , 2022, 2, 100019.	2.7	1
2	Enrichment effects of ionic liquid mixtures at polarized electrode interfaces monitored by potential screening. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 10756-10762.	2.8	6
3	Adsorption, Wetting, Growth, and Thermal Stability of the Protic Ionic Liquid Diethylmethylammonium Trifluoromethanesulfonate on Ag(111) and Au(111). <i>Langmuir</i> , 2021, 37, 11552-11560.	3.5	5
4	Recent Progress in the Manipulation of Molecules with DC Electric Fields. <i>Accounts of Chemical Research</i> , 2021, 54, 323-331.	15.6	5
5	Temperature-Dependent Surface Enrichment Effects in Binary Mixtures of Fluorinated and Non-Fluorinated Ionic Liquids. <i>Chemistry - A European Journal</i> , 2020, 26, 1117-1126.	3.3	17
6	Electric Field Effect on Condensed-Phase Molecular Systems. X. Interconversion Dynamics and Vibrational Stark Effect of Hydrogen Chloride Clusters in an Argon Matrix. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4581-4589.	2.6	2
7	Potential Screening at Electrode/Ionic Liquid Interfaces from In Situ X-ray Photoelectron Spectroscopy. <i>ChemistryOpen</i> , 2019, 8, 1365-1368.	1.9	6
8	Few layer 2D pnictogens catalyze the alkylation of soft nucleophiles with esters. <i>Nature Communications</i> , 2019, 10, 509.	12.8	61
9	Electric Field Effect on Condensed-Phase Molecular Systems: V. Acid-Base Proton Transfer at the Interface of Molecular Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4901-4907.	3.1	5
10	Entropy-Driven Spontaneous Reaction in Cryogenic Ice: Dissociation of Fluoroacetic Acids. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4282-4286.	4.6	5
11	Electric Field Effect on Condensed-Phase Molecular Systems. IV. Conformational Change of 1,2-Dichloroethane in a Frozen Molecular Solid. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25342-25346.	3.1	12
12	Dissociation of Trifluoroacetic Acid in Amorphous Solid Water: Charge-Delocalized Hydroniums and Zundel Continuum Absorption. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12842-12848.	3.1	6
13	Electric Field Effect on Condensed-Phase Molecular Systems. III. The Origin of the Field-Induced Change in the Vibrational Frequency of Adsorbed CO on Pt(111). <i>Journal of Physical Chemistry C</i> , 2016, 120, 17579-17587.	3.1	21
14	Zundel-like and Eigen-like Hydrated Protons on a Platinum Surface. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7626-7630.	13.8	24
15	Effect of Electric Field on Condensed-Phase Molecular Systems. I. Dipolar Polarization of Amorphous Solid Acetone. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15588-15595.	3.1	22
16	Effect of Electric Field on Condensed-Phase Molecular Systems. II. Stark Effect on the Hydroxyl Stretch Vibration of Ice. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15596-15603.	3.1	25
17	Phase Transitions of Amorphous Solid Acetone in Confined Geometry Investigated by Reflection Absorption Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13349-13356.	2.6	11
18	Spectroscopic Monitoring of the Acidity of Water Films on Ru(0001): Orientation-Specific Acidity of Adsorbed Water. <i>Chemistry - A European Journal</i> , 2014, 20, 3376-3383.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Generation of strong electric fields in an ice film capacitor. Journal of Chemical Physics, 2013, 139, 074201.	3.0	34
20	Asymmetric Transport Efficiencies of Positive and Negative Ion Defects in Amorphous Ice. Physical Review Letters, 2012, 108, 226103.	7.8	25
21	Acidic Water Monolayer on Ruthenium(0001). Angewandte Chemie - International Edition, 2012, 51, 12806-12809.	13.8	15