

Youngwook Park

List of Publications by Year in descending order

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17
papers

128
citations

1478505

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g-index

19
all docs

19
docs citations

19
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress in the Manipulation of Molecules with DC Electric Fields. <i>Accounts of Chemical Research</i> , 2021, 54, 323-331.	15.6	5
2	Electric Field Effect on Condensed-Phase Molecular Systems. IX. Control of Proton Displacement in Matrix-Isolated Hydrogen Chlorideâ€“Water Complexes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1129-1134.	3.1	6
3	Manipulation of Matrix-Isolated Molecules and Molecular Clusters with Electrostatic Fields. Springer Theses, 2020, , .	0.1	2
4	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
5	Electric Field-Control of Inversion Dynamics of Ammonia in an Argon Matrix. Springer Theses, 2020, , 19-30.	0.1	0
6	Spectroscopic Evidence of Large Protonic Polarizability of Hydrogen Chlorideâ€“Water Complex. Springer Theses, 2020, , 31-38.	0.1	0
7	The frequency-domain infrared spectrum of ammonia encodes changes in molecular dynamics caused by a DC electric field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23444-23447.	7.1	14
8	Electric Field Effect on Condensed-Phase Molecular Systems. VII. Vibrational Stark Sensitivity of Spatially Oriented Water Molecules in an Argon Matrix. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9868-9874.	3.1	12
9	Electric Field Effect on Condensed-Phase Molecular Systems. VIII. Vibrational Stark Effect and Dipolar Inversion in a Carbon Monoxide Crystal. <i>Journal of Physical Chemistry C</i> , 2019, 123, 31262-31271.	3.1	6
10	Electric Field Effect on Condensed-Phase Molecular Systems. VI. Field-Driven Orientation of Hydrogen Chloride in an Argon Matrix. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2871-2876.	2.5	14
11	Electric Field Effect on Condensed-Phase Molecular Systems: V. Acidâ€“Base Proton Transfer at the Interface of Molecular Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4901-4907.	3.1	5
12	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
13	Brute Force Orientation of Matrixâ€“Isolated Molecules: Reversible Reorientation of Formaldehyde in an Argon Matrix toward Perfect Alignment. <i>Angewandte Chemie</i> , 2017, 129, 1066-1069.	2.0	0
14	Brute Force Orientation of Matrixâ€“Isolated Molecules: Reversible Reorientation of Formaldehyde in an Argon Matrix toward Perfect Alignment. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1046-1049.	13.8	17
15	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
16	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
17	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