

Gang-Hua Deng

List of Publications by Year in descending order

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22
papers

321
citations

840776

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888059

17
g-index

22
all docs

22
docs citations

22
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of interface-/surface-specific two-dimensional electronic spectroscopy. Review of Scientific Instruments, 2021, 92, 023104.	1.3	8
2	Singlet Fission Driven by Anisotropic Vibronic Coupling in Single-Crystalline Pentacene. Journal of Physical Chemistry Letters, 2021, 12, 3142-3150.	4.6	9
3	Two-dimensional electronicâ€“vibrational sum frequency spectroscopy for interactions of electronic and nuclear motions at interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
4	<i>In Situ</i> Spectroscopic Probing of Polarity and Molecular Configuration at Aerosol Particle Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 6763-6771.	4.6	14
5	Interface-Specific Two-Dimensional Electronic Sum Frequency Generation Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 1738-1745.	4.6	24
6	Anisotropic Geminate and Non-Geminate Recombination of Triplet Excitons in Singlet Fission of Single Crystalline Hexacene. Journal of Physical Chemistry Letters, 2020, 11, 1261-1267.	4.6	11
7	Vibronic fingerprint of singlet fission in hexacene. Journal of Chemical Physics, 2019, 151, .	3.0	17
8	Interfaces of Gasâ€“Aerosol Particles: Relative Humidity and Salt Concentration Effects. Journal of Physical Chemistry A, 2019, 123, 6304-6312.	2.5	17
9	Anisotropic Singlet Fission in Single Crystalline Hexacene. IScience, 2019, 19, 1079-1089.	4.1	16
10	Molecular rotation in 3 dimensions at an air/water interface using femtosecond time resolved sum frequency generation. Journal of Chemical Physics, 2019, 150, 094709.	3.0	13
11	Ordered-to-Disordered Transformation of Enhanced Water Structure on Hydrophobic Surfaces in Concentrated Alcoholâ€“Water Solutions. Journal of Physical Chemistry Letters, 2019, 10, 7922-7928.	4.6	21
12	Development of ultrafast broadband electronic sum frequency generation for charge dynamics at surfaces and interfaces. Journal of Chemical Physics, 2019, 150, 024708.	3.0	28
13	In Situ Chemical Analysis of the Gasâ€“Aerosol Particle Interface. Analytical Chemistry, 2018, 90, 10967-10973.	6.5	11
14	The molecular rotational motion of liquid ethanol studied by ultrafast time resolved infrared spectroscopy. Physical Chemistry Chemical Physics, 2017, 19, 4345-4351.	2.8	10
15	Intermolecular Vibrational Energy Transfers in Melts and Solutions. Chinese Journal of Chemical Physics, 2016, 29, 407-417.	1.3	1
16	Solvation structure around the Li ⁺ ion in succinonitrileâ€“lithium salt plastic crystalline electrolytes. Physical Chemistry Chemical Physics, 2016, 18, 14867-14873.	2.8	25
17	Successive Adsorption of Cations and Anions of Waterâ€“1-Butyl-3-methylimidazolium Methylsulfate Binary Mixtures at the Airâ€“Liquid Interface Studied by Sum Frequency Generation Vibrational Spectroscopy and Surface Tension Measurements. Journal of Physical Chemistry C, 2016, 120, 12032-12041.	3.1	23
18	Negligible Isotopic Effect on Dissociation of Hydrogen Bonds. Journal of Physical Chemistry B, 2016, 120, 3187-3195.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Comparison Studies on Sub-Nanometer-Sized Ion Clusters in Aqueous Solutions: Vibrational Energy Transfers, MD Simulations, and Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9893-9904.	2.6	11
20	Surface of room temperature ionic liquid [bmim][PF6] studied by polarization- and experimental configuration-dependent sum frequency generation vibrational spectroscopy. <i>Science China Chemistry</i> , 2015, 58, 439-447.	8.2	10
21	Adsorption of benzonitrile at the air/water interface studied by sum frequency generation spectroscopy. <i>Science Bulletin</i> , 2013, 58, 1529-1535.	1.7	8
22	Observation of the Interference between the Intramolecular IR \leftrightarrow Visible and Visible \leftrightarrow IR Processes in the Doubly Resonant Sum Frequency Generation Vibrational Spectroscopy of Rhodamine 6G Adsorbed at the Air/Water Interface. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6058-6063.	2.5	29