Gang-Hua Deng

List of Publications by Year
in descending order

22	321	840776 11	888059 17
papers	citations	h-index	g-index

22	22	22	404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of the Interference between the Intramolecular IRâ^Visible and Visibleâ^IR Processes in the Doubly Resonant Sum Frequency Generation Vibrational Spectroscopy of Rhodamine 6G Adsorbed at the Air/Water Interface. Journal of Physical Chemistry A, 2009, 113, 6058-6063.	2.5	29
2	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
3	Solvation structure around the Li⁺ ion in succinonitrileâ€“lithium salt plastic crystalline electrolytes. Physical Chemistry Chemical Physics, 2016, 18, 14867-14873.	2.8	25
4	Interface-Specific Two-Dimensional Electronic Sum Frequency Generation Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 1738-1745.	4.6	24
5	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
6	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
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	In Situ Spectroscopic Probing of Polarity and Molecular Configuration at Aerosol Particle Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 6763-6771.	4.6	14
11	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
12	Comparison Studies on Sub-Nanometer-Sized Ion Clusters in Aqueous Solutions: Vibrational Energy Transfers, MD Simulations, and Neutron Scattering. Journal of Physical Chemistry B, 2015, 119, 9893-9904.	2.6	11
13	In Situ Chemical Analysis of the Gasâ€“Aerosol Particle Interface. Analytical Chemistry, 2018, 90, 10967-10973.	6.5	11
14	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
15	Surface of room temperature ionic liquid [bmim][PF6] studied by polarization- and experimental configuration-dependent sum frequency generation vibrational spectroscopy. Science China Chemistry, 2015, 58, 439-447.	8.2	10
16	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
17	Singlet Fission Driven by Anisotropic Vibronic Coupling in Single-Crystalline Pentacene. Journal of Physical Chemistry Letters, 2021, 12, 3142-3150.	4.6	9
18	Adsorption of benzonitrile at the air/water interface studied by sum frequency generation spectroscopy. Science Bulletin, 2013, 58, 1529-1535.	1.7	8

#	Article	IF	Citations
19	Development of interface-/surface-specific two-dimensional electronic spectroscopy. Review of Scientific Instruments, 2021, 92, 023104.	1.3	8
20	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
21	Negligible Isotopic Effect on Dissociation of Hydrogen Bonds. Journal of Physical Chemistry B, 2016, 120, 3187-3195.	2.6	7
22	Intermolecular Vibrational Energy Transfers in Melts and Solutions. Chinese Journal of Chemical Physics, 2016, 29, 407-417.	1.3	1