J Philipp Wagner

List of Publications by Year
in descending order

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34	1,541	623188	395343
papers	citations	14	33
		h-index	g-index

34	34	34	1726
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acetate Facilitated Nickel Catalyzed Coupling of Aryl Chlorides and Alkyl Thiols. ACS Catalysis, 2022, 12, 2233-2243.	5.5	32
2	2H-Imidazol-2-oneO-Oxide: A Criegee Intermediate from a Ïƒ⁰Ï€²Singlet Ground-State Carbene. Journal of the American Chemical Society, 2022, 144, 5937-5944.	6.6	9
3	Intramolecular London Dispersion Interactions Do Not Cancel in Solution. Journal of the American Chemical Society, 2021, 143, 41-45.	6.6	53
4	Criegee Intermediates in Autoxidation Reactions: Mechanistic Considerations. Journal of Physical Chemistry A, 2021, 125, 406-410.	1.1	5
5	Infrared spectroscopy of the protonated HCl dimer and trimer. Journal of Chemical Physics, 2021, 155, 134302.	1.2	1
6	Ïƒ⁰Ï€² Singlet Ground State Carbenes Undergo Least-Motion Reactions with H₂ and Alkenes. Journal of Organic Chemistry, 2021, 86, 15247-15252.	1.7	1
7	Infrared spectroscopy of H+(CO)2 in the gas phase and in para-hydrogen matrices. Journal of Chemical Physics, 2020, 153, 084305.	1.2	4
8	An Intramolecular Hydrogenâ€Shift in a Peroxy Radical at Cryogenic Temperatures: The Reaction of 2â€Hydroxyphenyl Radical with O₂. Chemistry - A European Journal, 2020, 26, 12119-12124.	1.7	8
9	The Role of Tunneling in the Spectra of H₅⁺ and D₅⁺ up to 7300 cm^{â€“1}. Journal of Physical Chemistry A, 2020, 124, 4427-4439.	1.1	5
10	Difficulties of Popular Density Functionals to Describe the Conformational Isomerism in Iodoacetic Acid. Journal of Physical Chemistry A, 2020, 124, 5570-5579.	1.1	2
11	Gauging stability and reactivity of carbonyl O-oxide Criegee intermediates. Physical Chemistry Chemical Physics, 2019, 21, 21530-21540.	1.3	11
12	Gas phase infrared spectroscopy of the H2C NH2+ methaniminium cation. Chemical Physics Letters, 2019, 726, 53-56.	1.2	3
13	An Argonâ€“Oxygen Covalent Bond in the ArOH⁺ Molecular Ion. Angewandte Chemie - International Edition, 2018, 57, 5081-5085.	7.2	42
14	An Argonâ€“Oxygen Covalent Bond in the ArOH⁺ Molecular Ion. Angewandte Chemie, 2018, 130, 5175-5179.	1.6	0
15	Intricate Conformational Tunneling in Carbonic Acid Monomethyl Ester. Journal of Physical Chemistry Letters, 2018, 9, 1663-1667.	2.1	11
16	Mid/near infrared spectroscopy of the H2Cl+Ar cation complex compared to the predictions of anharmonic theory. Chemical Physics Letters, 2018, 691, 51-55.	1.2	4
17	Infrared Spectroscopy of the Astrochemically Relevant Protonated Formaldehyde Dimer. Journal of Physical Chemistry A, 2018, 122, 192-198.	1.1	11
18	Near-Infrared Spectroscopy and Anharmonic Theory of Protonated Water Clusters: Higher Elevations in the Hydrogen Bonding Landscape. Journal of Physical Chemistry Letters, 2018, 9, 5664-5671.	2.1	20

#	Article	IF	Citations
19	Spectroscopy of Proton Coordination with Ethylenediamine. Journal of Physical Chemistry A, 2018, 122, 5168-5176.	1.1	6
20	Mid-Infrared Spectroscopy of C7H7+ Isomers in the Gas Phase: Benzylium and Tropylium. Journal of Physical Chemistry Letters, 2018, 9, 4591-4595.	2.1	13
21	Communication: Infrared photodissociation spectroscopy of the H6+cation in the gas phase. Journal of Chemical Physics, 2018, 149, 031105.	1.2	4
22	Towards the pyrolytic preparation of carbonothioic O,O-acid (monothiocarbonic acid). Journal of Analytical and Applied Pyrolysis, 2017, 124, 439-445.	2.6	2
23	Near-infrared spectroscopy and anharmonic theory of the H2O+Ar1,2 cation complexes. Journal of Chemical Physics, 2017, 147, 104302.	1.2	14
24	Tunneling Isomerizations on the Potential Energy Surfaces of Formaldehyde and Methanol Radical Cations. ACS Earth and Space Chemistry, 2017, 1, 361-367.	1.2	11
25	[2](1,3)Adamantano[2](2,7)pyrenophane: A Hydrocarbon with a Large Dipole Moment. Angewandte Chemie - International Edition, 2016, 55, 9277-9281.	7.2	28
26	Tunnelling in carbonic acid. Chemical Communications, 2016, 52, 7858-7861.	2.2	31
27	London Dispersion Decisively Contributes to the Thermodynamic Stability of Bulky NHC-Coordinated Main Group Compounds. Journal of Chemical Theory and Computation, 2016, 12, 231-237.	2.3	74
28	London Dispersion in Molecular Chemistryâ€"Reconsidering Steric Effects. Angewandte Chemie - International Edition, 2015, 54, 12274-12296.	7.2	719
29	Londonâ€™sche Dispersionswechselwirkungen in der MolekÃ¼lchemie â€“ eine Neubetrachtung sterischer Effekte. Angewandte Chemie, 2015, 127, 12446-12471.	1.6	197
30	Domino Tunneling. Journal of the American Chemical Society, 2015, 137, 7828-7834.	6.6	46
31	The Self-Association of Graphane Is Driven by London Dispersion and Enhanced Orbital Interactions. Journal of Chemical Theory and Computation, 2015, 11, 1621-1630.	2.3	41
32	Gasâ€Phase Preparation of Carbonic Acid and Its Monomethyl Ester. Angewandte Chemie - International Edition, 2014, 53, 11766-11771.	7.2	39
33	Nature Utilizes Unusual High London Dispersion Interactions for Compact Membranes Composed of Molecular Ladders. Journal of Chemical Theory and Computation, 2014, 10, 1353-1358.	2.3	35
34	Cyclopropylhydroxycarbene. Journal of the American Chemical Society, 2011, 133, 13614-13621.	6.6	59