Weixing Li

List of Publications by Year
in descending order

31	376	933447 10	839539 18
papers	citations	h-index	g-index

32	32	32	276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unlocking the Water Trimer Loop: Isotopic Study of Benzophenoneâ€(H₂O)_{1â€“3}Clusters with Rotational Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 5323-5330.	13.8	18
2	Unlocking the Water Trimer Loop: Isotopic Study of Benzophenoneâ€(H₂O)_{1â€“3}Clusters with Rotational Spectroscopy. Angewandte Chemie, 2021, 133, 5383-5390.	2.0	10
3	Characterizing hydrogen and tetrel bonds in clusters of CO2 with carboxylic acids. Physical Chemistry Chemical Physics, 2021, 23, 16915-16922.	2.8	10
4	Characterizing the lone pairâ‹Ï€â€“hole interaction in complexes of ammonia with perfluorinated arenes. Physical Chemistry Chemical Physics, 2021, 23, 9121-9129.	2.8	11
5	Rotational studies of adducts between carboxylic acids and tertiary alcohols: Formic acid â€“ tert-butyl alcohol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119621.	3.9	3
6	Double Proton Transfer Across a Table: The Formic Acid Dimerâ€“Fluorobenzene Complex. Angewandte Chemie - International Edition, 2021, 60, 25674-25679.	13.8	10
7	InnenrÃ¼cktitelbild: Double Proton Transfer Across a Table: The Formic Acid Dimerâ€“Fluorobenzene Complex (Angew. Chem. 49/2021). Angewandte Chemie, 2021, 133, 26203-26203.	2.0	1
8	The rotational spectrum of cyclohexyl formate, chemically prepared within a supersonic expansion. Journal of Molecular Structure, 2020, 1209, 127952.	3.6	3
9	Interactions between azines and alcohols: a rotational study of pyridineâ€“tert-butyl alcohol. Physical Chemistry Chemical Physics, 2019, 21, 3545-3549.	2.8	3
10	Internal dynamics of cyclohexanol and the cyclohexanolâ€“water adduct. Physical Chemistry Chemical Physics, 2019, 21, 3676-3682.	2.8	25
11	A General Treatment to Study Molecular Complexes Stabilized by Hydrogenâ€, Halogenâ€, and Carbonâ€Bond Networks: Experiment and Theory of (CH₂F₂)_nâ‹…â‹…â‹…(H₂O)_m. Angewandte Chemie, 2019, 131, 8525-8530.	2.0	4
12	A General Treatment to Study Molecular Complexes Stabilized by Hydrogenâ€, Halogenâ€, and Carbonâ€Bond Networks: Experiment and Theory of (CH 2 F 2) n â‹…â‹…â‹…(H 2 O) m. Angewandte Chemie - International Edition 2019, 58, 8437-8442.	13.8	19
13	Carboxylic Acids, Reactivity with Alcohols and Clustering with Esters: A Rotational Study of Formic Acidâ€“Isopropylformate. Journal of Physical Chemistry A, 2019, 123, 1785-1789.	2.5	6
14	Atmospherically relevant acroleinâ€“water complexes: spectroscopic evidence of aldehyde hydration and oxygen atom exchange. Physical Chemistry Chemical Physics, 2019, 21, 23559-23566.	2.8	16
15	The Barrier to Proton Transfer in the Dimer of Formic Acid: A Pure Rotational Study. Angewandte Chemie - International Edition, 2019, 58, 859-865.	13.8	48
16	The rotational spectrum of methyl trifluoroacetate. Molecular Physics, 2018, 116, 3503-3506.	1.7	5
17	Barrier to Proton Transfer in the Dimer of Formic Acid: A Pure Rotational Study. Angewandte Chemie, 2018, 131, 869.	2.0	10
18	Theory Meets Experiment for Noncovalent Complexes: The Puzzling Case of Pnicogen Interactions. Angewandte Chemie, 2018, 130, 14049-14053.	2.0	7

#	Article	IF	Citations
19	Theory Meets Experiment for Noncovalent Complexes: The Puzzling Case of Pnicogen Interactions. Angewandte Chemie - International Edition, 2018, 57, 13853-13857.	13.8	60
20	The microwave spectroscopy study of 1,2-dimethoxyethane. Journal of Molecular Spectroscopy, 2017, 337, 3-8.	1.2	9
21	The Borderline between Reactivity and Preâ€reactivity of Binary Mixtures of Gaseous Carboxylic Acids and Alcohols. Angewandte Chemie - International Edition, 2017, 56, 3872-3875.	13.8	14
22	A butterfly motion of formic acid and cyclobutanone in the 1â€‰:â€‰1 hydrogen bonded molecular cluster. Physical Chemistry Chemical Physics, 2017, 19, 204-209.	2.8	16
23	The Borderline between Reactivity and Preâ€reactivity of Binary Mixtures of Gaseous Carboxylic Acids and Alcohols. Angewandte Chemie, 2017, 129, 3930-3933.	2.0	6
24	Shape of the Adduct Formic Acidâ€“Dimethyl Ether: A Rotational Study. Journal of Physical Chemistry A, 2016, 120, 2863-2867.	2.5	12
25	Conformational Equilibrium and Potential Energy Functions of the Oâ€“H Internal Rotation in the Axial and Equatorial Species of 1-Methylcyclohexanol. Journal of Physical Chemistry A, 2016, 120, 4338-4342.	2.5	10
26	The Cage Structure of Indanï£¿CHF₃ is Based on the Cooperative Effects of Cï£¿Hâ‹…â‹…â‹…Ï€ and Cï£¿Hâ‹…â‹…â‹…F Weak Hydrogen Bonds. Chemistry - A European Journal, 2015, 21, 15970-15973.	3.3	7
27	Unexpected methyl migrations of ethanol dimer under synchrotron VUV radiation. Journal of Chemical Physics, 2015, 142, 024306.	3.0	10
28	Ring puckering splitting and structure of indan. Journal of Molecular Spectroscopy, 2015, 316, 45-48.	1.2	6
29	Site-Selective Dissociation Processes of Cationic Ethanol Conformers: The Role of Hyperconjugation. Journal of Physical Chemistry A, 2014, 118, 7096-7103.	2.5	0
30	Site-selective ionization of ethanol dimer under the tunable synchrotron VUV radiation and its subsequent fragmentation. Journal of Chemical Physics, 2013, 139, 024307.	3.0	15
31	Double proton transfer across a table: theformic acid dimer â€“ fluorobenzene complex. Angewandte Chemie, 0, , .	2.0	2