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	Theory Meets Experiment for Noncovalent Complexes: The Puzzling Case of Pnicogen Interactions. Angewandte Chemie - International Edition, 2018, 57, 13853-13857.	13.8	60
2	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
3	Internal dynamics of cyclohexanol and the cyclohexanolâ€“water adduct. Physical Chemistry Chemical Physics, 2019, 21, 3676-3682.	2.8	25
4	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
5	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
6	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
7	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
8	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
9	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
10	Shape of the Adduct Formic Acidâ€“Dimethyl Ether: A Rotational Study. Journal of Physical Chemistry A, 2016, 120, 2863-2867.	2.5	12
11	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
12	Unexpected methyl migrations of ethanol dimer under synchrotron VUV radiation. Journal of Chemical Physics, 2015, 142, 024306.	3.0	10
13	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
14	Barrier to Proton Transfer in the Dimer of Formic Acid: A Pure Rotational Study. Angewandte Chemie, 2018, 131, 869.	2.0	10
15	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
16	Characterizing hydrogen and tetrel bonds in clusters of CO2 with carboxylic acids. Physical Chemistry Chemical Physics, 2021, 23, 16915-16922.	2.8	10
17	Double Proton Transfer Across a Table: The Formic Acid Dimerâ€“Fluorobenzene Complex. Angewandte Chemie - International Edition, 2021, 60, 25674-25679.	13.8	10
18	The microwave spectroscopy study of 1,2-dimethoxyethane. Journal of Molecular Spectroscopy, 2017, 337, 3-8.	1.2	9

#	Article	IF	Citations
19	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.	3.8	7
20	Theory Meets Experiment for Noncovalent Complexes: The Puzzling Case of Pnicogen Interactions. Angewandte Chemie, 2018, 130, 14049-14053.	2.0	7
21	Ring puckering splitting and structure of indan. Journal of Molecular Spectroscopy, 2015, 316, 45-48.	1.2	6
22	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
23	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
24	The rotational spectrum of methyl trifluoroacetate. Molecular Physics, 2018, 116, 3503-3506.	1.7	5
25	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
26	Interactions between azines and alcohols: a rotational study of pyridineâ€“tert-butyl alcohol. Physical Chemistry Chemical Physics, 2019, 21, 3545-3549.	2.8	3
27	The rotational spectrum of cyclohexyl formate, chemically prepared within a supersonic expansion. Journal of Molecular Structure, 2020, 1209, 127952.	3.6	3
28	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
29	Double proton transfer across a table: theformic acid dimer â€“ fluorobenzene complex. Angewandte Chemie, 0, , .	2.0	2
30	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
31	Site-Selective Dissociation Processes of Cationic Ethanol Conformers: The Role of Hyperconjugation. Journal of Physical Chemistry A, 2014, 118, 7096-7103.	2.5	0