

# Lei Yue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2761953/publications.pdf>

Version: 2024-02-01

33  
papers

544  
citations

687363

13  
h-index

677142

22  
g-index

34  
all docs

34  
docs citations

34  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Piperazinium-Based Ionic Liquids with Lactate Anion for Extractive Desulfurization of Fuels. <i>Energy &amp; Fuels</i> , 2014, 28, 1774-1780.	5.1	69
2	Control of Product Distribution and Mechanism by Ligation and Electric Field in the Thermal Activation of Methane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10219-10223.	13.8	68
3	Densities, Viscosities, Refractive Indices, and Surface Tensions of Binary Mixtures of 2,2,4-Trimethylpentane with Several Alkylated Cyclohexanes from (293.15 to 343.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 2541-2548.	1.9	47
4	Regioselective copper(I)-catalyzed C-H hydroxylation/C-S coupling: expedient construction of 2-(styrylthio)phenols. <i>Tetrahedron</i> , 2012, 68, 5046-5052.	1.9	27
5	Elimination of Benzene from Protonated N-Benzylindoline: Benzyl Cation/Proton Transfer or Direct Proton Transfer?. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 381-387.	2.8	27
6	The Electric Field as a "Smart" Ligand in Controlling the Thermal Activation of Methane and Molecular Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14635-14639.	13.8	25
7	Oriented external electric fields as mimics for probing the role of metal ions and ligands in the thermal gas-phase activation of methane. <i>Dalton Transactions</i> , 2018, 47, 15271-15277.	3.3	23
8	Thermal Decomposition Kinetics and Mechanism of 1,1-Bicyclohexyl. <i>Energy &amp; Fuels</i> , 2014, 28, 4523-4531.	5.1	22
9	Thermal Stability and Decomposition Kinetics of 1,3-Dimethyladamantane. <i>Energy &amp; Fuels</i> , 2014, 28, 6210-6220.	5.1	20
10	Intriguing roles of reactive intermediates in dissociation chemistry of N-phenylcinnamides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7070.	2.8	18
11	On the Remarkable Role of the Nitrogen Ligand in the Gas-Phase Redox Reaction of the N <sub>2</sub> O/CO Couple Catalyzed by [NbN] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3635-3639.	13.8	16
12	Direct Room-Temperature Conversion of Methane into Protonated Formaldehyde: The Gas-Phase Chemistry of Mercury among the Zinc Triad Oxide Cations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3251-3255.	13.8	15
13	Intramolecular Halogen Transfer via Halonium Ion Intermediates in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 161-167.	2.8	14
14	Gas-phase reaction: alkyl cation transfer in the dissociation of protonated pyridyl carbamates in mass spectrometry. <i>Tetrahedron</i> , 2014, 70, 9500-9505.	1.9	13
15	Metal-Free, Room-Temperature Oxygen-Atom Transfer in the N <sub>2</sub> O/CO Redox Couple as Catalyzed by [Si <sub>2</sub> O <sub>x</sub> ] <sup>+</sup> (x = 2-5). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9990-9993.	13.8	13
16	Electronic Origin of the Competitive Mechanisms in the Thermal Activation of Methane by the Heteronuclear Cluster Oxide [Al <sub>2</sub> ZnO <sub>4</sub> ] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14297-14300.	13.8	13
17	Steuerung der Produktverteilung und der Mechanismen der thermischen Aktivierung von Methan durch Ligandeneffekte und elektrische Felder. <i>Angewandte Chemie</i> , 2017, 129, 10353-10357.	2.0	13
18	A DFT study on the thermal cracking of JP-10. <i>Journal of Molecular Modeling</i> , 2013, 19, 5355-5365.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Mass spectrometric studies on the interaction of cisplatin and insulin. <i>Amino Acids</i> , 2016, 48, 1033-1043.	2.7	11
20	Enantioselectivity and catalysis improvements of <i>Pseudomonas cepacia</i> lipase with Tyr and Asp modification. <i>Catalysis Science and Technology</i> , 2015, 5, 2681-2687.	4.1	10
21	Tuning the Reactivities of the Heteronuclear [Al <sub>n</sub> V <sub>3</sub> O <sub>7</sub> ] <sup>n+</sup> Cluster Oxides towards Methane by Varying the Composition of the Metal Centers. <i>Chemistry - A European Journal</i> , 2019, 25, 2967-2971.	3.3	10
22	Investigation of protonated and sodiated leucine-enkephalin by hydrogen-deuterium exchange and theoretical calculations. <i>Analytical Methods</i> , 2015, 7, 5551-5556.	2.7	8
23	Metallfreier, durch [Si <sub>2</sub> O <sub>x</sub> ] <sup>·+</sup> (x = 2-5) katalysierter Sauerstofftransfer im N <sub>2</sub> O/CO-Redoxpaar bei Raumtemperatur. <i>Angewandte Chemie</i> , 2017, 129, 10122-10126.	2.0	8
24	Selective C=O Coupling Hidden in the Thermal Reaction of [Al <sub>2</sub> CuO <sub>5</sub> ] <sup>+</sup> with Methane. <i>Chemistry - A European Journal</i> , 2018, 24, 14649-14653.	3.3	8
25	Elektronische Ursache konkurrierender Mechanismen bei der thermischen Aktivierung von Methan durch das heteronukleare Clusteroxid [Al <sub>2</sub> ZnO <sub>4</sub> ] <sup>+</sup> . <i>Angewandte Chemie</i> , 2017, 129, 14486-14490.	2.0	7
26	Direkte Umwandlung von Methan zu protoniertem Formaldehyd bei Raumtemperatur in der Gasphase: Zur Rolle von Quecksilber unter den Oxidkationen der Zinktriade. <i>Angewandte Chemie</i> , 2018, 130, 3306-3310.	2.0	7
27	Optimization of Performance of Toroidal Ion Trap with Triangular Electrode by Theoretical Simulation. <i>Chinese Journal of Analytical Chemistry</i> , 2016, 44, 482-488.	1.7	4
28	Competitive benzyl cation transfer and proton transfer: collision-induced mass spectrometric fragmentation of protonated N-benzylidene-2-hydroxylaniline. <i>Journal of Mass Spectrometry</i> , 2017, 52, 197-203.	1.6	4
29	Mechanistic aspects of methane activation promoted by [MO <sub>3</sub> ] <sup>+</sup> (M = Mn, Re). <i>International Journal of Mass Spectrometry</i> , 2018, 434, 240-245.	1.5	4
30	Negative charge induced dissociation: fragmentation of deprotonated N-benzylidene-2-hydroxylanilines in electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 579-584.	1.6	3
31	Ortho-hydroxyl effect and proton transfer via ion-neutral complex: the fragmentation study of protonated imine resveratrol analogues in mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 518-523.	1.6	3
32	Über die besondere Rolle des Stickstoffliganden in den durch [NbN] <sup>+</sup> katalysierten Redoxreaktionen von N <sub>2</sub> O/CO in der Gasphase. <i>Angewandte Chemie</i> , 2019, 131, 3674-3678.	2.0	2
33	Elektrisches Feld als smarterer Ligandenersatz zur kontrollierten thermischen Aktivierung von Methan und molekularem Wasserstoff. <i>Angewandte Chemie</i> , 2018, 130, 14845-14849.	2.0	1