

Lei Yue

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning the Reactivities of the Heteronuclear $[Al_{n+1}V_3O_7]^{n+}$ Cluster Oxides towards Methane by Varying the Composition of the Metal Centers. Chemistry - A European Journal, 2019, 25, 2967-2971.	3.3	10
2	Äœber die besondere Rolle des Stickstoffliganden in den durch $[NbN]$ katalysierten Redoxreaktionen von N_2O/CO in der Gasphase. Angewandte Chemie, 2019, 131, 3674-3678.	2.0	2
3	On the Remarkable Role of the Nitrogen Ligand in the Gas-Phase Redox Reaction of the N_2O/CO Couple Catalyzed by $[NbN]$. Angewandte Chemie - International Edition, 2019, 58, 3635-3639.	13.8	16
4	Direkte Umwandlung von Methan zu protoniertem Formaldehyd bei Raumtemperatur in der Gasphase: Zur Rolle von Quecksilber unter den Oxidkationen der Zinktriade. Angewandte Chemie, 2018, 130, 3306-3310.	2.0	7
5	Direct Room-Temperature Conversion of Methane into Protonated Formaldehyde: The Gas-Phase Chemistry of Mercury among the Zinc Triad Oxide Cations. Angewandte Chemie - International Edition, 2018, 57, 3251-3255.	13.8	15
6	Mechanistic aspects of methane activation promoted by $[MO_3]^+$ ($M = Mn, Re$). International Journal of Mass Spectrometry, 2018, 434, 240-245.	1.5	4
7	Oriented external electric fields as mimics for probing the role of metal ions and ligands in the thermal gas-phase activation of methane. Dalton Transactions, 2018, 47, 15271-15277.	3.3	23
8	Selective $C=O$ Coupling Hidden in the Thermal Reaction of $[Al_2CuO_5]^+$ with Methane. Chemistry - A European Journal, 2018, 24, 14649-14653.	3.3	8
9	The Electric Field as a Smart-Ligand in Controlling the Thermal Activation of Methane and Molecular Hydrogen. Angewandte Chemie - International Edition, 2018, 57, 14635-14639.	13.8	25
10	Elektrisches Feld als smarterer-Ligandenersatz zur kontrollierten thermischen Aktivierung von Methan und molekularem Wasserstoff. Angewandte Chemie, 2018, 130, 14845-14849.	2.0	1
11	Competitive benzyl cation transfer and proton transfer: collision-induced mass spectrometric fragmentation of protonated N_2 , N_2 -dibenzylaniline. Journal of Mass Spectrometry, 2017, 52, 197-203.	1.6	4
12	Metal-Free, Room-Temperature Oxygen-Atom Transfer in the N_2O/CO Redox Couple as Catalyzed by $[Si_2O_x]^{+}$ ($x = 2-5$). Angewandte Chemie - International Edition, 2017, 56, 9990-9993.	13.8	13
13	Control of Product Distribution and Mechanism by Ligation and Electric Field in the Thermal Activation of Methane. Angewandte Chemie - International Edition, 2017, 56, 10219-10223.	13.8	68
14	Electronic Origin of the Competitive Mechanisms in the Thermal Activation of Methane by the Heteronuclear Cluster Oxide $[Al_2ZnO_4]^+$. Angewandte Chemie - International Edition, 2017, 56, 14297-14300.	13.8	13
15	Elektronische Ursache konkurrierender Mechanismen bei der thermischen Aktivierung von Methan durch das heteronukleare Clusteroxid $[Al_2ZnO_4]^+$. Angewandte Chemie, 2017, 129, 14486-14490.	2.0	7
16	Metallfreier, durch $[Si_2O_x]^{+}$ ($x = 2-5$) katalysierter Sauerstofftransfer im N_2O/CO -Redoxpaar bei Raumtemperatur. Angewandte Chemie, 2017, 129, 10122-10126.	2.0	8
17	Steuerung der Produktverteilung und der Mechanismen der thermischen Aktivierung von Methan durch Ligandeneffekte und elektrische Felder. Angewandte Chemie, 2017, 129, 10353-10357.	2.0	13
18	Optimization of Performance of Toroidal Ion Trap with Triangular Electrode by Theoretical Simulation. Chinese Journal of Analytical Chemistry, 2016, 44, 482-488.	1.7	4

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19	<i>Ortho</i> -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
20	Mass spectrometric studies on the interaction of cisplatin and insulin. <i>Amino Acids</i> , 2016, 48, 1033-1043.	2.7	11
21	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
22	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 & Engineering Data</i> , 2015, 60, 2541-2548.	1.9	47
23	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
24	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
25	Negative charge induced dissociation: fragmentation of deprotonated <i>N</i> -benzylidene- <i>o</i> -hydroxyanilines in electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 579-584.	1.6	3
26	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
27	Piperazinium-Based Ionic Liquids with Lactate Anion for Extractive Desulfurization of Fuels. <i>Energy & Fuels</i> , 2014, 28, 1774-1780.	5.1	69
28	Thermal Decomposition Kinetics and Mechanism of 1,1-Bicyclohexyl. <i>Energy & Fuels</i> , 2014, 28, 4523-4531.	5.1	22
29	Thermal Stability and Decomposition Kinetics of 1,3-Dimethyladamantane. <i>Energy & Fuels</i> , 2014, 28, 6210-6220.	5.1	20
30	Elimination of Benzene from Protonated <i>N</i> -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
31	A DFT study on the thermal cracking of JP-10. <i>Journal of Molecular Modeling</i> , 2013, 19, 5355-5365.	1.8	11
32	Intriguing roles of reactive intermediates in dissociation chemistry of <i>N</i> -phenylcinnamides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7070.	2.8	18
33	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