

Susan T Graul

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2772041/publications.pdf>

Version: 2024-02-01

21
papers

1,002
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in flow reactor techniques for the study of gas-phase ion chemistry. <i>Mass Spectrometry Reviews</i> , 1988, 7, 263-358.	5.4	188
2	Gas-phase acidities derived from threshold energies for activated reactions. <i>Journal of the American Chemical Society</i> , 1990, 112, 2517-2529.	13.7	134
3	The nonstatistical dissociation dynamics of chloride(bromomethane) Cl-(CH ₃ Br): evidence for vibrational excitation in the products of gas-phase S _N 2 reactions. <i>Journal of the American Chemical Society</i> , 1991, 113, 9696-9697.	13.7	108
4	Vibrational Excitation in Products of Nucleophilic Substitution: The Dissociation of Metastable X-(CH ₃ Y) in the Gas Phase. <i>Journal of the American Chemical Society</i> , 1994, 116, 3875-3883.	13.7	100
5	Gas-phase acidities of carboxylic acids and alcohols from collision-induced dissociation of dimer cluster ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990, 96, 181-198.	1.8	79
6	Generation of alkyl carbanions in the gas phase. <i>Journal of the American Chemical Society</i> , 1990, 112, 2506-2516.	13.7	79
7	The existence of alkyl carbanions in the gas phase. <i>Journal of the American Chemical Society</i> , 1988, 110, 607-608.	13.7	78
8	A flowing afterglow-triple quadrupole study of the mechanisms and intermediates in the gas-phase reactions of CH ₃ OH+2 with CH ₃ OH. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1987, 81, 183-202.	1.8	46
9	Gas-phase reactions of the methyl anion. <i>Journal of the American Chemical Society</i> , 1989, 111, 892-899.	13.7	46
10	Deuterium isotope fractionation within protonated water clusters in the gas phase. <i>Journal of the American Chemical Society</i> , 1990, 112, 631-639.	13.7	30
11	Internal Excitation in the Products of Nucleophilic Substitution from the Dissociation of Metastable Ion Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 6785-6796.	13.7	26
12	Energy-resolved collision-induced dissociation of proton-bound cluster ions as a structural probe: the acetonitrile-water system. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1989, 94, 41-61.	1.8	23
13	Collisional activation of intramolecular nucleophilic displacement reactions: the formation of acetolactone from dissociation of I^{\pm} -haloacetate negative ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990, 100, 785-802.	1.8	18
14	Elimination of Ethylene from Metastable Isomeric Silylenium Ions in the Gas Phase: Experiment and Theory. <i>Journal of Physical Chemistry A</i> , 1998, 102, 6942-6949.	2.5	14
15	<i>Mass Spectrometry and Ion Processes</i> , 1992, 117, 507-536.	1.8	9
16	Guided-ion beam measurements of X++NO (X=Ar, N ₂) reactions. <i>Journal of Chemical Physics</i> , 1994, 100, 7348-7359.	3.0	8
17	Dynamics of metastable dissociation and photodissociation of the gas-phase cluster ion (OCS:C ₂ H ₂) ⁺ . <i>The Journal of Physical Chemistry</i> , 1991, 95, 8328-8337.	2.9	7
18	Selected ion flow tube studies of the atomic oxygen radical cation reactions with ethylene and other alkenes. <i>International Journal of Mass Spectrometry</i> , 1999, 185-187, 477-496.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Guided-ion beam measurements of the Kr + + NO charge-transfer reaction. Chemical Physics Letters, 1993, 215, 656-661.	2.6	3
20	Isotope-Exchange Reactions Within Gas-Phase Protonated Cluster Ions. ACS Symposium Series, 1992, , 246-261.	0.5	1
21	Competitive elimination of methane and ethylene from trimethylsilyl-substituted silylenium ions. International Journal of Mass Spectrometry, 1999, 185-187, 449-462.	1.5	1