

High-Pressure Mass Spectrometric Investigations of the Gas-Phase SN₂ Reactions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Translational Activation of the SN2 Nucleophilic Displacement Reactions Cl ⁻ + CH ₃ Cl (CD ₃ Cl) $\hat{\text{a}}$ t ⁺ ClCH ₃ (ClCD ₃) + Cl ⁻ : A Guided Ion Beam Study. <i>Journal of Physical Chemistry A</i> , 1997, 101, 5969-5986.	2.5	119
2	Perturbed Equilibria and Statistical Energy Redistribution in a Gas-Phase SN2 Reaction. <i>Science</i> , 1997, 276, 1536-1538.	12.6	39
3	Effects of reaction path curvature on reaction dynamics and rates: Reaction path Hamiltonian calculations for gas-phase SN2 reaction Cl ⁻ +CH ₃ Cl. <i>International Journal of Quantum Chemistry</i> , 1998, 68, 261-271.	2.0	12
4	Deuterium isotope effects on gas phase ion-molecule hydrogen-bonding interactions: Alcohol-alkoxide and alcohol-chloride adduct ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1998, 175, 225-240.	1.8	13
5	Nonstatistical Reactivity in a Vibrationally Excited SN2 Intermediate. <i>Journal of the American Chemical Society</i> , 1998, 120, 12125-12126.	13.7	13
6	Trajectory Studies of SN2 Nucleophilic Substitution. 6. Translational Activation of the Cl ⁻ + CH ₃ Cl Reaction. <i>Journal of Physical Chemistry A</i> , 1998, 102, 6208-6214.	2.5	79
7	Some Recent Advances and Remaining Questions Regarding Unimolecular Rate Theory. <i>Accounts of Chemical Research</i> , 1998, 31, 659-665.	15.6	118
8	Evaluation of the Lifetime of Gaseous Ion ⁺ Neutral Complexes. 1. A Chemical Activation Study. <i>Journal of the American Chemical Society</i> , 1998, 120, 3982-3987.	13.7	10
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12	Oriental effects in the direct Cl ⁻ + CH ₃ Cl SN2 reaction at elevated collision energies: hard-ovoid line-of-centers collision model. <i>International Journal of Mass Spectrometry</i> , 1999, 185-187, 343-350.	1.5	18
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15	An ab initio molecular dynamics study of the SN2 reaction Cl ⁻ +CH ₃ Br $\hat{\text{a}}$ t ⁺ CH ₃ Cl+Br ⁻ . <i>Journal of Chemical Physics</i> , 1999, 111, 10887-10894.	3.0	34
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36	Relative reactivity of methyl iodide to ethyl iodide in nucleophilic substitution reactions in acetonitrile and partial desolvation accompanying activation. Perkin Transactions II RSC, 2002, , 1449.	1.1	9

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115	Ion-Pair $\text{S}_{\text{N}}2$ Reaction of OH^+ and CH_3Cl : Activation Strain Analyses of Counterion and Solvent Effects. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1138-1147.	3.3	14
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