

Dhananjay Nandi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

634
citations

759233

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677142

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all docs

23
docs citations

23
times ranked

607
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dissociative electron attachment to SO_2 near 7.5 eV resonance and axial-recoil approximation. Journal of Physics: Conference Series, 2020, 1412, 052005. | 0.4 | 0 |
| 2 | Absolute dissociative electron attachment cross-section measurement of difluoromethane. Physical Review A, 2020, 102, . | 2.5 | 5 |
| 3 | Study of S^{\sim} and SO^{\sim} ion formation from dissociative electron attachment to SO_2 . Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 185202. | 1.5 | 3 |
| 4 | Dissociation dynamics in low energy electron attachment to ammonia using velocity slice imaging. Physical Chemistry Chemical Physics, 2019, 21, 21908-21917. | 2.8 | 3 |
| 5 | Probing the molecular structure and properties of neutral and anionic ground states of SO_2 and CO_2 . European Physical Journal D, 2019, 73, 1. | 1.3 | 5 |
| 6 | A new time of flight mass spectrometer for absolute dissociative electron attachment cross-section measurements in gas phase. Review of Scientific Instruments, 2018, 89, 025115. Kinematic study of | 1.3 | 7 |
| 7 | xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mo>â</mml:mo></mml:msup></mml:math> -ion formation from dissociative electron attachment to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SO</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math> Physical Review A, 2018, 97, . | 2.5 | 8 |
| 8 | Dipolar dissociation dynamics in electron collisions with carbon monoxide. Physical Chemistry Chemical Physics, 2016, 18, 32973-32980. | 2.8 | 9 |
| 9 | Dissociation dynamics in the dissociative electron attachment to carbon dioxide. Physical Review A, 2015, 91, . | 2.5 | 16 |
| 10 | Fragmentation dynamics in dissociative electron attachment to CO probed by velocity slice imaging. Physical Chemistry Chemical Physics, 2015, 17, 7130-7137. | 2.8 | 25 |
| 11 | Complete data acquisition and analysis system for low-energy electron-molecule collision studies. Measurement Science and Technology, 2015, 26, 095007. | 2.6 | 9 |
| 12 | A roaming wavepacket in the dynamics of electronically excited 2-hydroxypyridine. Physical Chemistry Chemical Physics, 2014, 16, 581-587. | 2.8 | 24 |
| 13 | Dissociative electron attachment to N_2O using velocity slice imaging. Physical Chemistry Chemical Physics, 2014, 16, 3955. | 2.8 | 11 |
| 14 | Atomic selectivity in dissociative electron attachment to dihalobenzenes. Physical Chemistry Chemical Physics, 2013, 15, 16503. | 2.8 | 4 |
| 15 | Dissociative electron attachment to NO probed by velocity map imaging. Physical Chemistry Chemical Physics, 2011, 13, 1542-1551. | 2.8 | 12 |
| 16 | Dissociative electron attachment to polyatomic molecules: Ion kinetic energy measurements. International Journal of Mass Spectrometry, 2010, 289, 39-46. | 1.5 | 16 |
| 17 | Excitation mechanism in the photoisomerization of a surface-bound azobenzene derivative: Role of the metallic substrate. Journal of Chemical Physics, 2008, 129, 164102. | 3.0 | 75 |
| 18 | Functional group dependent dissociative electron attachment to simple organic molecules. Journal of Chemical Physics, 2008, 128, 154309. | 3.0 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Reversible switching of tetra-tert-butyl-azobenzene on a Au(111) surface induced by light and thermal activation. <i>Chemical Physics Letters</i> , 2007, 444, 85-90. | 2.6 | 110 |
| 20 | On the presence of the σ^* resonance in dissociative electron attachment to O ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, L277-L283. | 1.5 | 16 |
| 21 | Dissociative electron attachment to formic acid. <i>Chemical Physics Letters</i> , 2005, 405, 172-176. | 2.6 | 37 |
| 22 | Velocity slice imaging for dissociative electron attachment. <i>Review of Scientific Instruments</i> , 2005, 76, 053107. | 1.3 | 88 |
| 23 | Functional Group Dependent Site Specific Fragmentation of Molecules by Low Energy Electrons. <i>Physical Review Letters</i> , 2005, 95, 143202. | 7.8 | 110 |