

Brid Cronin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3962058/publications.pdf>

Version: 2024-02-01

20
papers

1,748
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1489
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Droplet interface bilayers. <i>Molecular BioSystems</i> , 2008, 4, 1191. | 2.9 | 411 |
| 2 | Asymmetric Droplet Interface Bilayers. <i>Journal of the American Chemical Society</i> , 2008, 130, 5878-5879. | 13.7 | 195 |
| 3 | High resolution photofragment translational spectroscopy studies of the near ultraviolet photolysis of phenol. <i>Journal of Chemical Physics</i> , 2006, 125, 133318. | 3.0 | 193 |
| 4 | High resolution photofragment translational spectroscopy studies of the near ultraviolet photolysis of pyrrole. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 5031. | 2.8 | 163 |
| 5 | Simultaneous Measurement of Ionic Current and Fluorescence from Single Protein Pores. <i>Journal of the American Chemical Society</i> , 2009, 131, 1652-1653. | 13.7 | 118 |
| 6 | Constructing droplet interface bilayers from the contact of aqueous droplets in oil. <i>Nature Protocols</i> , 2013, 8, 1048-1057. | 12.0 | 115 |
| 7 | High resolution photofragment translational spectroscopy studies of the near ultraviolet photolysis of imidazole. <i>Journal of Chemical Physics</i> , 2006, 125, 184302. | 3.0 | 86 |
| 8 | Rapid Assembly of a Multimeric Membrane Protein Pore. <i>Biophysical Journal</i> , 2011, 101, 2679-2683. | 0.5 | 75 |
| 9 | Ultraviolet photolysis of adenine: Dissociation via the $\tilde{\epsilon}1\dot{1}f^*$ state. <i>Journal of Chemical Physics</i> , 2007, 126, 124312. | 3.0 | 69 |
| 10 | Photodissociation and photoionization of pyrrole following the multiphoton excitation at 243 and 364.7 nm. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 892. | 2.8 | 51 |
| 11 | Near ultraviolet photolysis of deuterated pyrrole. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3440. | 2.8 | 51 |
| 12 | Near-UV photolysis of substituted phenols, I: 4-fluoro-, 4-chloro- and 4-bromophenol. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 3749. | 2.8 | 45 |
| 13 | Absorption Cross Sections of Formaldehyde at Wavelengths from 300 to 340 nm at 294 and 245 K. <i>Journal of Physical Chemistry A</i> , 2006, 110, 11645-11653. | 2.5 | 38 |
| 14 | Photobleaching Reveals Heterogeneous Stoichiometry for Equinatoxin II Oligomers. <i>ChemBioChem</i> , 2014, 15, 2139-2145. | 2.6 | 35 |
| 15 | Imaging Multiple Conductance States in an Alamethicin Pore. <i>Journal of the American Chemical Society</i> , 2011, 133, 14507-14509. | 13.7 | 31 |
| 16 | High resolution photofragment translational spectroscopy studies of the near ultraviolet photolysis of 2,5-dimethylpyrrole. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 599-612. | 2.8 | 28 |
| 17 | State-selective photodissociation dynamics of formaldehyde: Near threshold studies of the H+HCO product channel. <i>Journal of Chemical Physics</i> , 2007, 127, 064301. | 3.0 | 15 |
| 18 | Lucky Imaging: Improved Localization Accuracy for Single Molecule Imaging. <i>Biophysical Journal</i> , 2009, 96, 2912-2917. | 0.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On demand modulation of lipid composition in an individual bilayer. <i>Soft Matter</i> , 2017, 13, 1788-1793. | 2.7 | 9 |
| 20 | Quantitative (\dot{I} ..., N, Ka) Product State Distributions near the Triplet Threshold for the Reaction $H_2CO \hat{+} H + HCO$ Measured by Rydberg Tagging and Laser-Induced Fluorescence. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9283-9289. | 2.5 | 8 |