

Jared O Kafader

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

617
citations

567281

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713466

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all docs

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24
times ranked

462
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Next-Generation Serology by Mass Spectrometry: Readout of the SARS-CoV-2 Antibody Repertoire. <i>Journal of Proteome Research</i> , 2022, 21, 274-288. | 3.7 | 16 |
| 2 | Isotopic Resolution of Protein Complexes up to 466 kDa Using Individual Ion Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 2723-2727. | 6.5 | 32 |
| 3 | Decoding the protein composition of whole nucleosomes with Nuc-MS. <i>Nature Methods</i> , 2021, 18, 303-308. | 19.0 | 31 |
| 4 | Individual Ion Mass Spectrometry Enhances the Sensitivity and Sequence Coverage of Top-Down Mass Spectrometry. <i>Journal of Proteome Research</i> , 2020, 19, 1346-1350. | 3.7 | 36 |
| 5 | Multiplexed mass spectrometry of individual ions improves measurement of proteoforms and their complexes. <i>Nature Methods</i> , 2020, 17, 391-394. | 19.0 | 110 |
| 6 | Native vs Denatured: An in Depth Investigation of Charge State and Isotope Distributions. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 574-581. | 2.8 | 27 |
| 7 | STORI Plots Enable Accurate Tracking of Individual Ion Signals. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2200-2203. | 2.8 | 44 |
| 8 | Standard Proteoforms and Their Complexes for Native Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1190-1198. | 2.8 | 33 |
| 9 | Measurement of Individual Ions Sharply Increases the Resolution of Orbitrap Mass Spectra of Proteins. <i>Analytical Chemistry</i> , 2019, 91, 2776-2783. | 6.5 | 57 |
| 10 | Molybdenum Oxide Cluster Anion Reactions with $C_{2}H_{4}$ and $H_{2}O$: Cooperativity and Chemifragmentation. <i>Journal of Physical Chemistry A</i> , 2018, 122, 41-52. | 2.5 | 10 |
| 11 | Exotic electronic structures of $Sm_{x}Ce_{3-x}O_{y}$ ($x = 0-3$; $y = 2-4$) clusters and the effect of high neutral density of low-lying states on photodetachment transition intensities. <i>Journal of Chemical Physics</i> , 2018, 149, 054305. | 3.0 | 13 |
| 12 | Ce in the +4 oxidation state: Anion photoelectron spectroscopy and photodissociation of small $Ce_{x}O_{y}H_{z}$ molecules. <i>Journal of Chemical Physics</i> , 2017, 147, 104303. | 3.0 | 10 |
| 13 | The electron shuffle: Cerium influences samarium $4f$ orbital occupancy in heteronuclear $Ce-Sm$ oxide clusters. <i>Journal of Chemical Physics</i> , 2017, 146, 194310. | 3.0 | 17 |
| 14 | Molecular and electronic structures of cerium and cerium suboxide clusters. <i>Journal of Chemical Physics</i> , 2016, 145, 154306. | 3.0 | 27 |
| 15 | Mixed cerium-platinum oxides: Electronic structure of $[CeO]Pt_{n}$ ($n = 1, 2$) and $[CeO_{2}]Pt$ complex anions and neutrals. <i>Journal of Chemical Physics</i> , 2016, 145, 044317. | 3.0 | 15 |
| 16 | Role of weakly bound complexes in temperature-dependence and relative rates of $MxO_{y} + H_{2}O$ ($M = Mo, W$) reactions. <i>Journal of Chemical Physics</i> , 2016, 144, 074307. | 3.0 | 11 |
| 17 | Low-lying electronic structure of EuH , $EuOH$, and EuO neutrals and anions determined by anion photoelectron spectroscopy and DFT calculations. <i>Journal of Chemical Physics</i> , 2015, 143, 034305. | 3.0 | 18 |
| 18 | Photoelectron spectrum of PrO^{+} . <i>Journal of Chemical Physics</i> , 2015, 143, 064305. | 3.0 | 19 |

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|----|--|-----|-----------|
| 19 | Photoelectron spectra of CeO_x and $\text{Ce}(\text{OH})_2$. <i>Journal of Chemical Physics</i> , 2015, 142, 064305. | 3.0 | 26 |
| 20 | Ce_xO_y ($x = 2-3$) + D_2O Reactions: Stoichiometric Cluster Formation from Deuterioxide Decomposition and Anti-Arrhenius Behavior. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9960-9969. | 2.5 | 32 |
| 21 | Melting of Size-Selected Gallium Clusters with 60-183 Atoms. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4900-4906. | 2.5 | 29 |