

# Mark C Babin

## List of Publications by Year in descending order

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18  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Photoelectron spectroscopy of cryogenically cooled NiO <sub>2</sub> <sup>+</sup> via slow photoelectron velocity-map imaging. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17496-17503.	1.3	2
2	High-resolution anion photoelectron spectroscopy of cryogenically cooled 4-atom silicon carbides. <i>Molecular Physics</i> , 2021, 119, e1817596.	0.8	4
3	High-Resolution Photoelectron Spectroscopy of Vibrationally Excited OH <sup>-</sup> . <i>Journal of Physical Chemistry A</i> , 2021, 125, 7260-7265.	1.1	6
4	Electronic structure of NdO via slow photoelectron velocity-map imaging spectroscopy of NdO <sup>-</sup> . <i>Journal of Chemical Physics</i> , 2021, 155, 114305.	1.2	4
5	Structural Characterization of Nickel-Doped Aluminum Oxide Cations by Cryogenic Ion Trap Vibrational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9527-9535.	1.1	4
6	High-Resolution Photoelectron Spectroscopy of Cryogenically Cooled NO <sub>3</sub> <sup>-</sup> ... <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 395-400.	2.1	13
7	Unveiling the coexistence of <i>cis</i> - and <i>trans</i> -isomers in the hydrolysis of ZrO <sub>2</sub> : A coupled DFT and high-resolution photoelectron spectroscopy study. <i>Journal of Chemical Physics</i> , 2020, 153, 244308.	1.2	3
8	High-resolution photoelectron spectroscopy of the pyridinide isomers. <i>Journal of Chemical Physics</i> , 2019, 151, .	1.2	7
9	Photoelectron spectra of Al <sub>2</sub> O <sub>2</sub> <sup>+</sup> and Al <sub>3</sub> O <sub>3</sub> <sup>+</sup> via slow electron velocity-map imaging. <i>Faraday Discussions</i> , 2019, 217, 235-255.	1.6	8
10	High-resolution photoelectron spectroscopy of TiO <sub>3</sub> H <sub>2</sub> <sup>-</sup> : Probing the TiO <sub>2</sub> <sup>-</sup> + H <sub>2</sub> O dissociative adduct. <i>Journal of Chemical Physics</i> , 2018, 148, 222810.	1.2	20
11	Autodetachment from Vibrationally Excited Vinylidene Anions. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1058-1063.	2.1	15
12	Slow photoelectron velocity-map imaging of cold C <sub>7</sub> <sup>-</sup> and C <sub>9</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , 2018, 149, 174306.	1.2	9
13	Slow photoelectron velocity-map imaging of cold tert-butyl peroxide. <i>Journal of Chemical Physics</i> , 2017, 147, 013915.	1.2	6
14	Encoding of vinylidene isomerization in its anion photoelectron spectrum. <i>Science</i> , 2017, 358, 336-339.	6.0	55
15	Feshbach resonances in the exit channel of the F <sup>+</sup> +CH <sub>3</sub> OH <sup>-</sup> →HF <sup>+</sup> +CH <sub>3</sub> O reaction observed using transition-state spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 950-955.	6.6	70
16	Can Exciton-Delocalizing Ligands Facilitate Hot Hole Transfer from Semiconductor Nanocrystals?. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28224-28234.	1.5	20
17	A Complementary Palette of NanoCluster Beacons. <i>ACS Nano</i> , 2014, 8, 10150-10160.	7.3	81
18	DNA/RNA Detection Using DNA-Templated Few-Atom Silver Nanoclusters. <i>Biosensors</i> , 2013, 3, 185-200.	2.3	74