Mark C Babin

List of Publications by Year
in descending order

18 papers	401 citations	1039406 9 h-index	839053 18 g-index
29 all docs	29 docs citations	29 times ranked	590 citing authors

#	Article	IF	Citations
1	A Complementary Palette of NanoCluster Beacons. ACS Nano, 2014, 8, 10150-10160.	7.3	81
2	DNA/RNA Detection Using DNA-Templated Few-Atom Silver Nanoclusters. Biosensors, 2013, 3, 185-200.	2.3	74
3	Feshbach resonances in the exit channel of the Fâ€‰+â€‰CH3OHâ€‰â†'â€‰HFâ€‰+â€‰CH3O reaction observed using transition-state spectroscopy. Nature Chemistry, 2017, 9, 950-955.	6.6	70
4	Encoding of vinylidene isomerization in its anion photoelectron spectrum. Science, 2017, 358, 336-339.	6.0	55
5	Can Exciton-Delocalizing Ligands Facilitate Hot Hole Transfer from Semiconductor Nanocrystals?. Journal of Physical Chemistry C, 2016, 120, 28224-28234.	1.5	20
6	High-resolution photoelectron spectroscopy of TiO3H2â^': Probing the TiO2â^' + H2O dissociative adduct. Journal of Chemical Physics, 2018, 148, 222810.	1.2	20
7	Autodetachment from Vibrationally Excited Vinylidene Anions. Journal of Physical Chemistry Letters, 2018, 9, 1058-1063.	2.1	15
8	High-Resolution Photoelectron Spectroscopy of Cryogenically Cooled NO₃Ì.... Journal of Physical Chemistry Letters, 2020, 11, 395-400.	2.1	13
9	Slow photoelectron velocity-map imaging of cold C7â^' and C9â^'. Journal of Chemical Physics, 2018, 149, 174306.	1.2	9
10	Photoelectron spectra of Al₂O₂^{â^'} and Al₃O₃^{â^'}via slow electron velocity-map imaging. Faraday Discussions, 2019, 217, 235-255.	1.6	8
11	High-resolution photoelectron spectroscopy of the pyridinide isomers. Journal of Chemical Physics, 2019, 151, .	1.2	7
12	Slow photoelectron velocity-map imaging of cold tert-butyl peroxide. Journal of Chemical Physics, 2017, 147, 013915.	1.2	6
13	High-Resolution Photoelectron Spectroscopy of Vibrationally Excited OH^{â€"}. Journal of Physical Chemistry A, 2021, 125, 7260-7265.	1.1	6
14	High-resolution anion photoelectron spectroscopy of cryogenically cooled 4-atom silicon carbides. Molecular Physics, 2021, 119, e1817596.	0.8	4
15	Electronic structure of NdO via slow photoelectron velocity-map imaging spectroscopy of NdO---. Journal of Chemical Physics, 2021, 155, 114305.	1.2	4
16	Structural Characterization of Nickel-Doped Aluminum Oxide Cations by Cryogenic Ion Trap Vibrational Spectroscopy. Journal of Physical Chemistry A, 2021, 125, 9527-9535.	1.1	4
17	Unveiling the coexistence of cis- and trans-isomers in the hydrolysis of ZrO2: A coupled DFT and high-resolution photoelectron spectroscopy study. Journal of Chemical Physics, 2020, 153, 244308.	1.2	3
18	Photoelectron spectroscopy of cryogenically cooled NiO₂^{â^'}via slow photoelectron velocity-map imaging. Physical Chemistry Chemical Physics, 2022, 24, 17496-17503.	1.3	2