

# Mary Marshall

## List of Publications by Year in descending order

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14  
papers

167  
citations

1478280

6  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

166  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO <sub>2</sub> Hydrogenation to Formate and Formic Acid by Bimetallic Palladium-Copper Hydride Clusters. <i>Journal of the American Chemical Society</i> , 2020, 142, 7930-7936.	6.6	79
2	Intramolecular electron-induced proton transfer and its correlation with excited-state intramolecular proton transfer. <i>Nature Communications</i> , 2019, 10, 1170.	5.8	33
3	CO <sub>2</sub> Activation and Hydrogenation by Palladium Hydride Cluster Anions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1747-1753.	1.1	10
4	Interaction of Th with H <sup>0/+</sup> : Combined Experimental and Theoretical Thermodynamic Properties. <i>Journal of Physical Chemistry A</i> , 2022, 126, 198-210.	1.1	9
5	Th <sub>2</sub> O <sup>-</sup> , Th <sub>2</sub> Au <sup>-</sup> , and Th <sub>2</sub> AuO <sub>1,2</sub> <sup>-</sup> Anions: Photoelectron Spectroscopic and Computational Characterization of Energetics and Bonding. <i>Journal of Physical Chemistry A</i> , 2021, 125, 258-271.	1.1	8
6	Study of the Reaction of Hydroxylamine with Iridium Atomic and Cluster Anions (n = 1-5). <i>Journal of Physical Chemistry A</i> , 2021, 125, 5922-5932.	1.1	6
7	Experimental and Computational Description of the Interaction of H and H <sup>-</sup> with U. <i>Journal of Physical Chemistry A</i> , 2022, 126, 4432-4443.	1.1	5
8	ThH 5 : An Actinide-Containing Superhalogen Molecule. <i>ChemPhysChem</i> , 2021, 22, 5-8.	1.0	4
9	Anion photoelectron spectroscopic and relativistic coupled-cluster studies of uranyl dichloride anion, UO <sub>2</sub> Cl <sub>2</sub> <sup>-</sup> . <i>Journal of Physical Chemistry A</i> , 2021, 125, 1747-1753.	0.4	3
10	Molecular Properties of Thorium Hydrides: Electron Affinities and Thermochemistry. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2388-2396.	1.1	3
11	Photoelectron Spectroscopic and <i>ab Initio</i> Computational Studies of the Anion, HThO <sup>-</sup> . <i>Journal of Physical Chemistry A</i> , 2021, 125, 1903-1909.	1.1	2
12	Photoelectron Spectroscopic Study of Ascorbate and Deprotonated Ascorbate Anions Using an Electrospray Ion Source and a Cryogenically Cooled Ion Trap. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7699-7704.	1.1	2
13	ThAu <sub>2</sub> <sup>-</sup> , ThAu <sub>2</sub> O <sup>-</sup> , and ThAuOH <sup>-</sup> anions: Photoelectron spectroscopic and theoretical characterization. <i>Journal of Chemical Physics</i> , 2022, 156, 054305.	1.2	2
14	Photoelectron Spectroscopic and Computational Study of the Deprotonated Gallic Acid and Propyl Gallate Anions. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 1355-1361.	1.2	1