

# Michael J Cowan

## List of Publications by Year in descending order

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11  
papers

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citations

1163117

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1281871

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docs citations

11  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving electrocatalytic imprecision in atomically precise metal nanoclusters. <i>Current Opinion in Chemical Engineering</i> , 2022, 36, 100784.	7.8	6
2	Predicting Segregation Energy in Single Atom Alloys Using Physics and Machine Learning. <i>ACS Omega</i> , 2022, 7, 4471-4481.	3.5	9
3	Correlating structural rules with electronic properties of ligand-protected alloy nanoclusters. <i>Journal of Chemical Physics</i> , 2021, 155, 024303.	3.0	4
4	Predicting ligand removal energetics in thiolate-protected nanoclusters from molecular complexes. <i>Nanoscale</i> , 2021, 13, 2034-2043.	5.6	7
5	Atom-by-Atom Evolution of the Same Ligand-Protected Au <sub>21</sub> , Au <sub>22</sub> , Au <sub>22</sub> Cd <sub>1</sub> , and Au <sub>24</sub> Nanocluster Series. <i>Journal of the American Chemical Society</i> , 2020, 142, 20426-20433.	13.7	36
6	Towards elucidating structure of ligand-protected nanoclusters. <i>Dalton Transactions</i> , 2020, 49, 9191-9202.	3.3	15
7	Rapid Prediction of Bimetallic Mixing Behavior at the Nanoscale. <i>ACS Nano</i> , 2020, 14, 8171-8180.	14.6	17
8	Elucidating the stability of ligand-protected Au nanoclusters under electrochemical reduction of CO <sub>2</sub> . <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	22
9	Heterometal-Doped M <sub>23</sub> (M = Au/Ag/Cd) Nanoclusters with Large Dipole Moments. <i>ACS Nano</i> , 2020, 14, 6599-6606.	14.6	26
10	Understanding the Solubility Behavior of Atomically Precise Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20006-20012.	3.1	13
11	Structure–property relationships on thiolate-protected gold nanoclusters. <i>Nanoscale Advances</i> , 2019, 1, 184-188.	4.6	17