

# Marc P Coons

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2160504/publications.pdf>

Version: 2024-02-01

8  
papers

797  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

774  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Alkane-Soluble Bis[tris(alkylphenyl)carbenium] Diborate Cocatalyst for Olefin Polymerizations. ACS Catalysis, 2022, 12, 7589-7597.  | 11.2 | 5         |
| 2 | Detection and Correction of Delocalization Errors for Electron and Hole Polarons Using Density-Corrected DFT. Journal of Physical Chemistry Letters, 2022, 13, 5275-5284.   | 4.6  | 7         |
| 3 | Scaling up electronic structure calculations on quantum computers: The frozen natural orbital based method of increments. Journal of Chemical Physics, 2021, 155, 034110.   | 3.0  | 15        |
| 4 | Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. Journal of Chemical Physics, 2021, 155, 084801.   | 3.0  | 518       |
| 5 | Optimizing electronic structure simulations on a trapped-ion quantum computer using problem decomposition. Communications Physics, 2021, 4, .   | 5.3  | 23        |
| 6 | Quantum chemistry in arbitrary dielectric environments: Theory and implementation of nonequilibrium Poisson boundary conditions and application to compute vertical ionization energies at the air/water interface. Journal of Chemical Physics, 2018, 148, 222834. | 3.0  | 29        |
| 7 | The Hydrated Electron. Annual Review of Physical Chemistry, 2017, 68, 447-472.  | 10.8 | 136       |
| 8 | The Hydrated Electron at the Surface of Neat Liquid Water Appears To Be Indistinguishable from the Bulk Species. Journal of the American Chemical Society, 2016, 138, 10879-10886.  | 13.7 | 56        |