

# Thomas Pope

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1222284/publications.pdf>

Version: 2024-02-01

18  
papers

613  
citations

933447

10  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Molecule Conductance of Functionalized Oligoynes: Length Dependence and Junction Evolution. <i>Journal of the American Chemical Society</i> , 2013, 135, 12228-12240.	13.7	277
2	Highly-effective gating of single-molecule junctions: an electrochemical approach. <i>Chemical Communications</i> , 2014, 50, 15975-15978.	4.1	53
3	Tunable giant magnetoresistance in a single-molecule junction. <i>Nature Communications</i> , 2019, 10, 3599.	12.8	50
4	Correlation of breaking forces, conductances and geometries of molecular junctions. <i>Scientific Reports</i> , 2015, 5, 9002.	3.3	48
5	Graphene Sculpture Nanopores for DNA Nucleobase Sensing. <i>Journal of Physical Chemistry B</i> , 2014, 118, 6908-6914.	2.6	43
6	Addressing the properties of $\alpha$ -Metallo-DNA with a Ag( $\lambda$ -mediated supramolecular duplex. <i>Chemical Science</i> , 2019, 10, 3186-3195.	7.4	35
7	A quantum dynamics study of the hyperfluorescence mechanism. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1362-1369.	5.5	21
8	Sensing single molecules with carbon-boron-nitride nanotubes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10273-10276.	5.5	13
9	Sculpting molecular structures from bilayer graphene and other materials. <i>Physical Review B</i> , 2012, 86, .	3.2	12
10	Evidence for Ultralow-Energy Vibrations in Large Organic Molecules. <i>Nano Letters</i> , 2017, 17, 4929-4933.	9.1	11
11	Electronic properties of sculptureenes. <i>New Journal of Physics</i> , 2014, 16, 013060.	2.9	10
12	Spin in the extended electron model. <i>Frontiers of Physics</i> , 2017, 12, 1.	5.0	10
13	Circularly polarised luminescence in an RNA-based homochiral, self-repairing, coordination polymer hydrogel. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7329-7335.	5.5	10
14	Electronic effects and fundamental physics studied in molecular interfaces. <i>Chemical Communications</i> , 2018, 54, 5508-5517.	4.1	5
15	Silver-Cytidine Coordination Polymer: Electrical Properties, Modulating Intrachain Ag-Â-Â-Ag Distance, and MOF-Nanosheet Transformation. <i>Crystal Growth and Design</i> , 2021, 21, 4398-4405.	3.0	5
16	Exact orbital-free kinetic energy functional for general many-electron systems. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	4
17	Coherent trapping in small quantum networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 124024.	2.3	3
18	A two-density approach to the general many-body problem and a proof of principle for small atoms and molecules. <i>Frontiers of Physics</i> , 2019, 14, 1.	5.0	3