

# Damian G Allis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8911366/damian-g-allis-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

278  
citations

8  
h-index

16  
g-index

18  
ext. papers

297  
ext. citations

4.8  
avg, IF

2.98  
L-index

#	Paper	IF	Citations
16	Theoretical analysis of the terahertz spectrum of the high explosive PETN. <i>ChemPhysChem</i> , <b>2006</b> , 7, 2398-408	4.08	86
15	Importance of Vibrational Zero-Point Energy Contribution to the Relative Polymorph Energies of Hydrogen-Bonded Species. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3905-3907	3.5	41
14	The inelastic neutron scattering spectrum of H3B:NH3 and the reproduction of its solid-state features by periodic DFT. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7756-7	16.4	38
13	Experimental and theoretical studies of tetramethoxy-p-benzoquinone: infrared spectra, structural and lithium insertion properties. <i>RSC Advances</i> , <b>2013</b> , 3, 19081	3.7	20
12	Inelastic neutron scattering spectrum of Cs2[B12H12]: reproduction of its solid-state vibrational spectrum by periodic DFT. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 3744-9	2.8	18
11	Density Functional Dependence in the Theoretical Analysis of the Terahertz Spectrum of the Illicit Drug MDMA (Ecstasy). <i>IEEE Sensors Journal</i> , <b>2010</b> , 10, 478-484	4	16
10	The binding of vitamin B12 to transcobalamin(II); structural considerations for bioconjugate design—a molecular dynamics study. <i>Molecular BioSystems</i> , <b>2010</b> , 6, 1611-8		14
9	Examining the effects of vitamin B12 conjugation on the biological activity of insulin: a molecular dynamic and in vivo oral uptake investigation. <i>MedChemComm</i> , <b>2012</b> , 3, 1054	5	11
8	Evaluating the friction of rotary joints in molecular machines. <i>Molecular Systems Design and Engineering</i> , <b>2017</b> , 2, 235-252	4.6	7
7	Commensurate Urea Inclusion Crystals with the Guest (E,E)-1,4-Diiodo-1,3-Butadiene. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3852-3855	3.5	7
6	The low/room-temperature forms of the lithiated salt of 3,6-dihydroxy-2,5-dimethoxy-p-benzoquinone: a combined experimental and dispersion-corrected density functional study. <i>CrystEngComm</i> , <b>2013</b> , 15, 2809	3.3	7
5	Solution Structure and Constrained Molecular Dynamics Study of Vitamin B12 Conjugates of the Anorectic Peptide PYY(3-36). <i>ChemMedChem</i> , <b>2016</b> , 11, 1015-21	3.7	6
4	DEVELOPMENT OF COMPUTATIONAL METHODOLOGIES FOR THE PREDICTION AND ANALYSIS OF SOLID-STATE TERAHERTZ SPECTRA. <i>International Journal of High Speed Electronics and Systems</i> , <b>2007</b> , 17, 193-212	0.5	3
3	Preparation of Ordered Polyacetylene by Solid-State Polymerization in Nanoscale Confinement. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 1769-1783	9.6	2
2	Insulated Polyacetylene Chains in an Inclusion Complex by Photopolymerization. <i>Materials Research Society Symposia Proceedings</i> , <b>2015</b> , 1799, 7-12		2
1	DEVELOPMENT OF COMPUTATIONAL METHODOLOGIES FOR THE PREDICTION AND ANALYSIS OF SOLID-STATE TERAHERTZ SPECTRA. <i>Selected Topics in Electornics and Systems</i> , <b>2007</b> , 1-20	0	