

# Simon R T Neil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7447017/publications.pdf>

Version: 2024-02-01

12  
papers

2,704  
citations

1162367

8  
h-index

1473754

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

6090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. <i>Nanoscale</i> , 2015, 7, 4598-4810.	2.8	2,452
2	Millitesla magnetic field effects on the photocycle of an animal cryptochrome. <i>Scientific Reports</i> , 2017, 7, 42228.	1.6	76
3	Following interfacial kinetics in real time using broadband evanescent wave cavity-enhanced absorption spectroscopy: a comparison of light-emitting diodes and supercontinuum sources. <i>Analyst</i> , 2010, 135, 133-139.	1.7	42
4	Evanescent wave cavity-based spectroscopic techniques as probes of interfacial processes. <i>Chemical Society Reviews</i> , 2011, 40, 207-220.	18.7	37
5	Broadband cavity-enhanced absorption spectroscopy for real time, in situ spectral analysis of microfluidic droplets. <i>Lab on A Chip</i> , 2011, 11, 3953.	3.1	33
6	Following Radical Pair Reactions in Solution: A Step Change in Sensitivity Using Cavity Ring-Down Detection. <i>Journal of the American Chemical Society</i> , 2011, 133, 17807-17815.	6.6	29
7	Broadband Cavity-Enhanced Detection of Magnetic Field Effects in Chemical Models of a Cryptochrome Magnetoreceptor. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4177-4184.	1.2	19
8	Cavity enhanced detection methods for probing the dynamics of spin correlated radical pairs in solution. <i>Molecular Physics</i> , 2010, 108, 993-1003.	0.8	14
9	Computational study on the energies and structures of the [H, Si, N, C, S] isomers. <i>Theoretical Chemistry Accounts</i> , 2010, 127, 661-669.	0.5	2
10	Expression of concern: Monodisperse Ni <sub>3</sub> Fe single-crystalline nanospheres as a highly efficient catalyst for the complete conversion of hydrous hydrazine to hydrogen at room temperature. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13978-13978.	5.2	0
11	Expression of concern: Hollow amorphous NaFePO <sub>4</sub> nanospheres as a high-capacity and high-rate cathode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13979-13979.	5.2	0
12	Expression of concern: Preparation of face-centered-cubic indium nanocubes and their superior dehydrogenation activity towards aqueous hydrazine with the assistance of light. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13980-13980.	5.2	0