

Simon R T Neil

List of Publications by Citations

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

12
papers

2,234
citations

8
h-index

12
g-index

12
ext. papers

2,495
ext. citations

11.9
avg, IF

3.04
L-index

#	Paper	IF	Citations
12	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. <i>Nanoscale</i> , 2015 , 7, 4598-810	7.7	2015
11	Millitesla magnetic field effects on the photocycle of an animal cryptochrome. <i>Scientific Reports</i> , 2017 , 7, 42228	4.9	62
10	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, The</i> , 2010 , 135, 133-9	5	38
9	Evanescent wave cavity-based spectroscopic techniques as probes of interfacial processes. <i>Chemical Society Reviews</i> , 2011 , 40, 207-20	58.5	34
8	Broadband cavity-enhanced absorption spectroscopy for real time, in situ spectral analysis of microfluidic droplets. <i>Lab on A Chip</i> , 2011 , 11, 3953-5	7.2	31
7	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, 17807-15	16.4	24
6	Broadband cavity-enhanced detection of magnetic field effects in chemical models of a cryptochrome magnetoreceptor. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 4177-84	3.4	16
5	Cavity enhanced detection methods for probing the dynamics of spin correlated radical pairs in solution. <i>Molecular Physics</i> , 2010 , 108, 993-1003	1.7	12
4	Computational study on the energies and structures of the [H, Si, N, C, S] isomers. <i>Theoretical Chemistry Accounts</i> , 2010 , 127, 661-669	1.9	2
3	Expression of concern: Monodisperse Ni ₃ 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	13	
2	Expression of concern: Hollow amorphous NaFePO ₄ nanospheres as a high-capacity and high-rate cathode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13979-13979	13	
1	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	13	