Simon R T Neil

List of Publications by Year in Descending Order

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	Expression of concern: Monodisperse Ni3Fe single-crystalline nanospheres as a highly efficient catalyst for the complete conversion of hydrous hydrazine to hydrogen at room temperature. *Journal of Materials Chemistry A*, **2018**, 6, 13978-13978	13	
11	Expression of concern: Hollow amorphous NaFePO4 nanospheres as a high-capacity and high-rate cathode for sodium-ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 13979-13979	13	
10	Expression of concern: Preparation of face-centered-cubic indium nanocubes and their superior dehydrogenation activity towards aqueous hydrazine with the assistance of light. *Journal of Materials Chemistry A*, **2018**, 6, 13980-13980	13	
9	Millitesla magnetic field effects on the photocycle of an animal cryptochrome. *Scientific Reports*, **2017**, 7, 42228	4.9	62
8	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. *Nanoscale*, **2015**, 7, 4598-810	7.7	2015
7	Broadband cavity-enhanced detection of magnetic field effects in chemical models of a cryptochrome magnetoreceptor. *Journal of Physical Chemistry B*, **2014**, 118, 4177-84	3.4	16
6	Following radical pair reactions in solution: a step change in sensitivity using cavity ring-down detection. *Journal of the American Chemical Society*, **2011**, 133, 17807-15	16.4	24
5	Evanescent wave cavity-based spectroscopic techniques as probes of interfacial processes. *Chemical Society Reviews*, **2011**, 40, 207-20	58.5	34
4	Broadband cavity-enhanced absorption spectroscopy for real time, in situ spectral analysis of microfluidic droplets. *Lab on A Chip*, **2011**, 11, 3953-5	7.2	31
3	Cavity enhanced detection methods for probing the dynamics of spin correlated radical pairs in solution. *Molecular Physics*, **2010**, 108, 993-1003	1.7	12
2	Following interfacial kinetics in real time using broadband evanescent wave cavity-enhanced absorption spectroscopy: a comparison of light-emitting diodes and supercontinuum sources. *Analyst, The*, **2010**, 135, 133-9	5	38
1	Computational study on the energies and structures of the [H, Si, N, C, S] isomers. *Theoretical Chemistry Accounts*, **2010**, 127, 661-669	1.9	2