Che R Seabourne

List of Publications by Year
in descending order

10 papers	504 citations	1040056 9 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	1140 citing authors

#	Article	IF	Citations
1	Probing the Bonding and Electronic Structure of Single Atom Dopants in Graphene with Electron Energy Loss Spectroscopy. Nano Letters, 2013, 13, 4989-4995.	9.1	187
2	Stacking Variants and Superconductivity in the Biâ€“Oâ€“S System. Journal of the American Chemical Society, 2013, 135, 5372-5374.	13.7	80
3	Electronic Structure Modification of Ion Implanted Graphene: The Spectroscopic Signatures of p- and n-Type Doping. ACS Nano, 2015, 9, 11398-11407.	14.6	75
4	Subangstrom Edge Relaxations Probed by Electron Microscopy in Hexagonal Boron Nitride. Physical Review Letters, 2012, 109, 205502.	7.8	52
5	Incisive Probing of Intermolecular Interactions in Molecular Crystals: Core Level Spectroscopy Combined with Density Functional Theory. Journal of Physical Chemistry B, 2014, 118, 12121-12129.	2.6	28
6	Local Plasmon Engineering in Doped Graphene. ACS Nano, 2018, 12, 1837-1848.	14.6	25
7	A systematic approach to choosing parameters for modelling fine structure in electron energy-loss spectroscopy. Ultramicroscopy, 2009, 109, 1374-1388.	1.9	23
8	Atomic-Scale Surface Roughness of Rutile and Implications for Organic Molecule Adsorption. Langmuir, 2013, 29, 6876-6883.	3.5	16
9	Energy of Step Defects on the TiO₂ Rutile (110) Surface: An ab initio DFT Methodology. Journal of Physical Chemistry C, 2013, 117, 23766-23780.	3.1	13
10	Analysis of computational EELS modelling results for MgO-based systems. Ultramicroscopy, 2010, 110, 1059-1069.	1.9	5