

Robert V Dennis

List of Publications by Year in descending order

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16
papers

575
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	An electronic structure perspective of graphene interfaces. <i>Nanoscale</i> , 2014, 6, 3444.	5.6	76
2	Soft X-ray Absorption Spectroscopy Studies of the Electronic Structure Recovery of Graphene Oxide upon Chemical Defunctionalization. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20591-20599.	3.1	65
3	Hybrid nanostructured coatings for corrosion protection of base metals: a sustainability perspective. <i>Materials Research Express</i> , 2015, 2, 032001.	1.6	62
4	X-ray absorption spectroscopy studies of electronic structure recovery and nitrogen local structure upon thermal reduction of graphene oxide in an ammonia environment. <i>RSC Advances</i> , 2014, 4, 634-644.	3.6	60
5	Graphene oxide and functionalized multi walled carbon nanotubes as epoxy curing agents: a novel synthetic approach to nanocomposites containing active nanostructured fillers. <i>RSC Advances</i> , 2014, 4, 49264-49272.	3.6	51
6	Inside and Outside: X-ray Absorption Spectroscopy Mapping of Chemical Domains in Graphene Oxide. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3144-3151.	4.6	48
7	Emptying and filling a tunnel bronze. <i>Chemical Science</i> , 2015, 6, 1712-1718.	7.4	42
8	Near-edge x-ray absorption fine structure spectroscopy study of nitrogen incorporation in chemically reduced graphene oxide. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2013, 31, .	1.2	33
9	From Grignard's reagents to well-defined Mg nanostructures: distinctive electrochemical and solution reduction routes. <i>Chemical Communications</i> , 2012, 48, 5169.	4.1	30
10	In situ near-edge x-ray absorption fine structure spectroscopy investigation of the thermal defunctionalization of graphene oxide. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 061206.	1.2	29
11	Carbon nanotube/carbon nanofiber growth from industrial by-product gases on low- and high-alloy steels. <i>Carbon</i> , 2012, 50, 4722-4731.	10.3	25
12	Nanostructured Magnesium Composite Coatings for Corrosion Protection of Low-Alloy Steels. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 18873-18883.	3.7	19
13	Biomimetic Plastronic Surfaces for Handling of Viscous Oil. <i>Energy & Fuels</i> , 2017, 31, 9337-9344.	5.1	16
14	Atomic Layer Deposition of Hafnium(IV) Oxide on Graphene Oxide: Probing Interfacial Chemistry and Nucleation by using X-ray Absorption and Photoelectron Spectroscopies. <i>ChemPhysChem</i> , 2015, 16, 2842-2848.	2.1	7
15	Synthesis of novel single-walled carbon nanotube-magnesium nanoparticle composites by a solution reduction method. <i>Materials Letters</i> , 2014, 117, 305-308.	2.6	4
16	Graphene Coatings for the Corrosion Protection of Base Metals. , 2016, , 155-176.		1