

# Martin Rosillo-Lopez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2905499/publications.pdf>

Version: 2024-02-01

16  
papers

415  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Mode of Reactivity for Gold(I): The Decarboxylative Activation of (Hetero)Aromatic Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1359-1366.	4.3	68
2	Ice Nucleation Properties of Oxidized Carbon Nanomaterials. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3012-3016.	4.6	59
3	Electrochemical genosensor based on carboxylated graphene for detection of water-borne pathogen. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 312-321.	7.8	36
4	Detailed crystallographic analysis of the ice VI to ice XV hydrogen ordering phase transition. <i>Journal of Chemical Physics</i> , 2016, 145, 204501.	3.0	35
5	Electrochemical characterisation of graphene nanoflakes with functionalised edges. <i>Faraday Discussions</i> , 2014, 172, 293-310.	3.2	32
6	Selectively Sized Graphene-Based Nanopores for in Situ Single Molecule Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18188-18194.	8.0	28
7	A simple and mild chemical oxidation route to high-purity nano-graphene oxide. <i>Carbon</i> , 2016, 106, 56-63.	10.3	28
8	Highly efficient heavy-metal extraction from water with carboxylated graphene nanoflakes. <i>RSC Advances</i> , 2018, 8, 11043-11050.	3.6	27
9	Nanoscale, conformal films of graphitic carbon nitride deposited at room temperature: a method for construction of heterojunction devices. <i>Nanoscale</i> , 2017, 9, 16586-16590.	5.6	20
10	Formation and chemistry of carboxylic anhydrides at the graphene edge. <i>RSC Advances</i> , 2015, 5, 104198-104202.	3.6	18
11	Multi-functionalised graphene nanoflakes as tumour-targeting theranostic drug-delivery vehicles. <i>Chemical Science</i> , 2019, 10, 8880-8888.	7.4	18
12	Facile One-Pot Synthesis of Bimetallic Co/Mn-MOFs@Rice Husks, and its Carbonization for Supercapacitor Electrodes. <i>Scientific Reports</i> , 2019, 9, 8984.	3.3	16
13	Surface redox chemistry and mechanochemistry of insulating polystyrene nanospheres. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1837-1846.	2.8	14
14	Stacking Disorder by Design: Factors Governing the Polytypism of Silver Iodide upon Precipitation and Formation from the Superionic Phase. <i>Crystal Growth and Design</i> , 2019, 19, 2131-2138.	3.0	8
15	Assembly of graphene nanoflake-quantum dot hybrids in aqueous solution and their performance in light-harvesting applications. <i>Nanoscale</i> , 2018, 10, 19678-19683.	5.6	4
16	Detailed Investigation into the Preparation of Graphene Oxide by Dichromate Oxidation. <i>ChemistrySelect</i> , 2018, 3, 6972-6978.	1.5	4