Ali Maghsoumi

List of Publications by Year
in descending order

12 papers	289 citations	1163117 8 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	702 citing authors

#	Article	IF	Citations
1	Seedless growth of two-dimensional disc-shaped WS2 layers by chemical vapor deposition. Materials Chemistry and Physics, 2021, 257, 123837.	4.0	4
2	Molecular Machinery Responsible for Graphene Oxide's Distinct Inhibitory Effects toward *Pseudomonas aeruginosa* and *Staphylococcus aureus* Pathogens. ACS Applied Bio Materials, 2021, 4, 660-668.	4.6	6
3	Raman spectroscopy of holey nanographene **C216**. Journal of Raman Spectroscopy, 2021, 52, 2301-2316.	2.5	8
4	Hexa-peri-benzocoronene with two extra K-regions in an ortho-configuration. Chemical Science, 2020, 11, 12816-12821.	7.4	10
5	How does cobalt phosphate modify the structure of TiO2 nanotube array photoanodes for solar water splitting?. Catalysis Today, 2019, 335, 306-311.	4.4	3
6	Design and testing of an operando-Raman annular reactor for kinetic studies in heterogeneous catalysis. Reaction Chemistry and Engineering, 2017, 2, 908-918.	3.7	5
7	Edge chlorination of hexa-peri-hexabenzocoronene investigated by density functional theory and vibrational spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 11869-11878.	2.8	17
8	A C216-Nanographene Molecule with Defined Cavity as Extended Coronoid. Journal of the American Chemical Society, 2016, 138, 4322-4325.	13.7	90
9	Adding Four Extra K-Regions to Hexa-*peri*-hexabenzocoronene. Journal of the American Chemical Society, 2016, 138, 4726-4729.	13.7	52
10	Meeting the Challenging Magnetic and Electronic Structure of Thiophene-Based Heterophenoquinones. Journal of Physical Chemistry C, 2016, 120, 5732-5740.	3.1	10
11	Bottom–Up Synthesis of Necklace–Like Graphene Nanoribbons. Chemistry - an Asian Journal, 2015, 10, 2134-2138.	3.3	43
12	Overtone and combination features of G and D peaks in resonance Raman spectroscopy of the $C_{78}H_{26}$ polycyclic aromatic hydrocarbon. Journal of Raman Spectroscopy, 2015, 46, 757-764.	2.5	41