

# Ali Maghsoumi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A C <sub>216</sub> -Nanographene Molecule with Defined Cavity as Extended Coronoid. Journal of the American Chemical Society, 2016, 138, 4322-4325.	13.7	90
2	Adding Four Extra K-Regions to Hexa- <i>peri</i> -hexabenzocoronene. Journal of the American Chemical Society, 2016, 138, 4726-4729.	13.7	52
3	Bottom-Up Synthesis of Necklace-Like Graphene Nanoribbons. Chemistry - an Asian Journal, 2015, 10, 2134-2138.	3.3	43
4	Overtone and combination features of G and D peaks in resonance Raman spectroscopy of the C <sub>78</sub> H <sub>26</sub> polycyclic aromatic hydrocarbon. Journal of Raman Spectroscopy, 2015, 46, 757-764.	2.5	41
5	Edge chlorination of hexa- <i>peri</i> -hexabenzocoronene investigated by density functional theory and vibrational spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 11869-11878.	2.8	17
6	Meeting the Challenging Magnetic and Electronic Structure of Thiophene-Based Heterophenanthrenes. Journal of Physical Chemistry C, 2016, 120, 5732-5740.	3.1	10
7	Hexa- <i>peri</i> -benzocoronene with two extra K-regions in an ortho-configuration. Chemical Science, 2020, 11, 12816-12821.	7.4	10
8	Raman spectroscopy of holey nanographene C <sub>216</sub> . Journal of Raman Spectroscopy, 2021, 52, 2301-2316.	2.5	8
9	Molecular Machinery Responsible for Graphene Oxide's Distinct Inhibitory Effects toward <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> Pathogens. ACS Applied Bio Materials, 2021, 4, 660-668.	4.6	6
10	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
11	Seedless growth of two-dimensional disc-shaped WS <sub>2</sub> layers by chemical vapor deposition. Materials Chemistry and Physics, 2021, 257, 123837.	4.0	4
12	How does cobalt phosphate modify the structure of TiO <sub>2</sub> nanotube array photoanodes for solar water splitting?. Catalysis Today, 2019, 335, 306-311.	4.4	3