

# Roberto Cardia

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

215  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of TIPS-Functionalization and Perhalogenation on the Electronic, Optical, and Transport Properties of Angular and Compact Dibenzochrysene. <i>Journal of Physical Chemistry A</i> , 2014, 118, 5170-5177.	2.5	46
2	Electronic and optical properties of chromophores from bacterial cellulose. <i>Cellulose</i> , 2018, 25, 2191-2203.	4.9	28
3	Si-atoms substitutions effects on the electronic and optical properties of coronene and ovalene. <i>New Journal of Physics</i> , 2018, 20, 113008.	2.9	23
4	A computational study on the electronic and optical properties of boron-nitride circumacenes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16302-16309.	2.8	20
5	Vibrational and optical characterization of s-triazine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 348-355.	3.9	18
6	Tuning Optical Properties of Dibenzochrysenes by Functionalization: A Many-Body Perturbation Theory Study. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24480-24488.	3.1	18
7	Deciphering Molecular Mechanisms of Interface Buildup and Stability in Porous Si/Eumelanin Hybrids. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1567.	4.1	15
8	Physical and Chemical Control of Interface Stability in Porous Si/Eumelanin Hybrids. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28405-28415.	3.1	14
9	Neutral-cluster implantation in polymers by computer experiments. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	13
10	Computational investigation of the effects of perfluorination on the charge-transport properties of polyaromatic hydrocarbons. <i>Chemical Physics</i> , 2016, 478, 8-13.	1.9	13
11	Electronic and optical properties of functionalized polyaromatic hydrocarbons: a computational investigation on perfluorinated circumacenes. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
12	Eumelanin Adsorption on Silicon: Optical Properties of Si(001)-Adsorbed Eumelanin Tetrameric Protomolecules. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9376-9384.	3.1	3