

# Roberta Tatti

## List of Publications by Year in descending order

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17  
papers

297  
citations

1040056

9  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrophotometric method for optical band gap and electronic transitions determination of semiconductor materials. <i>Optical Materials</i> , 2017, 64, 18-25.	3.6	109
2	Optimization of a buffer layer for cubic silicon carbide growth on silicon substrates. <i>Journal of Crystal Growth</i> , 2013, 383, 84-94.	1.5	32
3	Synthesis of single layer graphene on Cu(111) by C <sub>60</sub> supersonic molecular beam epitaxy. <i>RSC Advances</i> , 2016, 6, 37982-37993.	3.6	31
4	Tracking the Hydrogen Motion in Defective Graphene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7110-7116.	3.1	26
5	High mobility <i>n</i> -type organic thin-film transistors deposited at room temperature by supersonic molecular beam deposition. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	18
6	Carbon-doped SiO <sub>x</sub> nanowires with a large yield of white emission. <i>Nanotechnology</i> , 2014, 25, 185704.	2.6	16
7	Surface doping in T6/PDI-8CN2 heterostructures investigated by transport and photoemission measurements. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	12
8	Functionalization of SiC/SiO <sub>x</sub> nanowires with a porphyrin derivative: a hybrid nanosystem for X-ray induced singlet oxygen generation. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 165-172.	3.4	11
9	Structural Characterizations of Palladium Clusters Prepared by Polyol Reduction of [PdCl <sub>4</sub> ] <sup>2-</sup> Ions. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-6.	1.6	9
10	Osteoblast adhesion and response mediated by terminal -SH group charge surface of SiO <sub>x</sub> Cy nanowires. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 43.	3.6	8
11	Platinum carbonyl clusters decomposition on defective graphene surface. <i>Surface Science</i> , 2020, 691, 121499.	1.9	8
12	The Interaction of C60 on Si(111) Studied by Supersonic Molecular Beams: Interplay between Precursor Kinetic Energy and Substrate Temperature in Surface Activated Processes. <i>Frontiers in Materials</i> , 2015, 2, .	2.4	5
13	A novel combined experimental and multiscale theoretical approach to unravel the structure of SiC/SiO <sub>x</sub> core/shell nanowires for their optimal design. <i>Nanoscale</i> , 2018, 10, 13449-13461.	5.6	5
14	Titanium-doped hydroxyapatites photoanodes for Dye-Sensitized Solar Cells. <i>Ceramics International</i> , 2021, 47, 9701-9710.	4.8	4
15	Doubling the Mechanical Properties of Spider Silk by C60 Supersonic Molecular Beam Epitaxy. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	2
16	Synthesis of palladium clusters by reduction of K <sub>2</sub> PdCl <sub>4</sub> with ethylene glycol. , 2015, , .		1
17	Buffer Layer Optimization for the Growth of State of the Art 3C-SiC/Si. <i>Materials Science Forum</i> , 0, 806, 15-19.	0.3	0