

Roberta Tatti

List of Publications by Year in descending order

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docs citations

17
times ranked

595
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium-doped hydroxyapatites photoanodes for Dye-Sensitized Solar Cells. <i>Ceramics International</i> , 2021, 47, 9701-9710.	4.8	4
2	Platinum carbonyl clusters decomposition on defective graphene surface. <i>Surface Science</i> , 2020, 691, 121499.	1.9	8
3	Doubling the Mechanical Properties of Spider Silk by C60 Supersonic Molecular Beam Epitaxy. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	2
4	Osteoblast adhesion and response mediated by terminal -SH group charge surface of SiOx/Cy nanowires. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 43.	3.6	8
5	A novel combined experimental and multiscale theoretical approach to unravel the structure of SiC/SiO _x core/shell nanowires for their optimal design. <i>Nanoscale</i> , 2018, 10, 13449-13461.	5.6	5
6	Functionalization of SiC/SiO _x 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
7	Spectrophotometric method for optical band gap and electronic transitions determination of semiconductor materials. <i>Optical Materials</i> , 2017, 64, 18-25.	3.6	109
8	Structural Characterizations of Palladium Clusters Prepared by Polyol Reduction of [PdCl ₄] ²⁻ Ions. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-6.	1.6	9
9	Synthesis of single layer graphene on Cu(111) by C ₆₀ supersonic molecular beam epitaxy. <i>RSC Advances</i> , 2016, 6, 37982-37993.	3.6	31
10	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
11	Synthesis of palladium clusters by reduction of K ₂ PdCl ₄ with ethylene glycol. , 2015, , .		1
12	High mobility n-type organic thin-film transistors deposited at room temperature by supersonic molecular beam deposition. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	18
13	Tracking the Hydrogen Motion in Defective Graphene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7110-7116.	3.1	26
14	Carbon-doped SiO _x nanowires with a large yield of white emission. <i>Nanotechnology</i> , 2014, 25, 185704.	2.6	16
15	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
16	Surface doping in T6/PDI-8CN2 heterostructures investigated by transport and photoemission measurements. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	12
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