

# Domenica Scarano

## List of Publications by Year in descending order

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45  
papers

1,271  
citations

304743

22  
h-index

361022

35  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1832  
citing authors

#	ARTICLE	IF	CITATIONS
1	From gaseous HCN to nucleobases at the cosmic silicate dust surface: an experimental insight into the onset of prebiotic chemistry in space. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7224-7230.	2.8	3
2	Surface Processes in Photocatalytic Reduction of CO <sub>2</sub> on TiO <sub>2</sub> -based Materials. <i>Journal of Photocatalysis</i> , 2021, 2, 10-24.	0.4	1
3	Multifunctional Conductive Paths Obtained by Laser Processing of Non-Conductive Carbon Nanotube/Polypropylene Composites. <i>Nanomaterials</i> , 2021, 11, 604.	4.1	14
4	Thermal/Electrical Properties and Texture of Carbon Black PC Polymer Composites near the Electrical Percolation Threshold. <i>Journal of Composites Science</i> , 2021, 5, 212.	3.0	7
5	Few-Layered MoS <sub>2</sub> Nanoparticles Covering Anatase TiO <sub>2</sub> Nanosheets: Comparison between Ex Situ and In Situ Synthesis Approaches. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 143.	2.5	5
6	Thermal, Morphological, Electrical Properties and Touch-Sensor Application of Conductive Carbon Black-Filled Polyamide Composites. <i>Nanomaterials</i> , 2021, 11, 3103.	4.1	7
7	Graphene and Other 2D Layered Nanomaterials and Hybrid Structures: Synthesis, Properties and Applications. <i>Materials</i> , 2021, 14, 7108.	2.9	4
8	Effect of Injection Molding Conditions on Crystalline Structure and Electrical Resistivity of PP/MWCNT Nanocomposites. <i>Polymers</i> , 2020, 12, 1685.	4.5	14
9	All-Carbon Conductors for Electronic and Electrical Wiring Applications. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	30
10	Surface Structure and Phase Composition of TiO <sub>2</sub> P25 Particles After Thermal Treatments and HF Etching. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	31

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#	ARTICLE	IF	CITATIONS
19	Polyserine repeats promote coiled coil-mediated fibril formation and length-dependent protein aggregation. <i>Journal of Structural Biology</i> , 2018, 204, 572-584.	2.8	16
20	Zinc Oxide Nanostructures: From Chestnut Husk-Like Structures to Hollow Nanocages, Synthesis and Structure. <i>Crystals</i> , 2018, 8, 153.	2.2	14
21	Few-Layer MoS <sub>2</sub> Nanodomains Decorating TiO <sub>2</sub> Nanoparticles: A Case Study for the Photodegradation of Carbamazepine. <i>Nanomaterials</i> , 2018, 8, 207.	4.1	19
22	Carbon Domains on MoS <sub>2</sub> /TiO <sub>2</sub> System via Catalytic Acetylene Oligomerization: Synthesis, Structure, and Surface Properties. <i>Frontiers in Chemistry</i> , 2017, 5, 91.	3.6	25
23	Sulfur-Doped TiO <sub>2</sub> : Structure and Surface Properties. <i>Catalysts</i> , 2017, 7, 214.	3.5	51
24	Magnetic Hybrid Carbon via Graphitization of Polystyrene- <i>co</i> -Divinylbenzene: Morphology, Structure and Adsorption Properties. <i>ChemistrySelect</i> , 2016, 1, 2536-2541.	1.5	15
25	Designing rGO/MoS <sub>2</sub> hybrid nanostructures for photocatalytic applications. <i>RSC Advances</i> , 2016, 6, 59001-59008.	3.6	40
26	Optical, Vibrational, and Structural Properties of MoS <sub>2</sub> Nanoparticles Obtained by Exfoliation and Fragmentation via Ultrasound Cavitation in Isopropyl Alcohol. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3791-3801.	3.1	97
27	MoS <sub>2</sub> Nanoparticles Decorating Titanate-Nanotube Surfaces: Combined Microscopy, Spectroscopy, and Catalytic Studies. <i>Langmuir</i> , 2015, 31, 5469-5478.	3.5	55
28	Nanocrystalline TiO <sub>2</sub> micropillar arrays grafted on conductive glass supports: microscopic and spectroscopic studies. <i>Thin Solid Films</i> , 2015, 590, 200-206.	1.8	12
29	Development of a multifunctional TiO <sub>2</sub> /MWCNT hybrid composite grafted on a stainless steel grating. <i>RSC Advances</i> , 2015, 5, 103255-103264.	3.6	24
30	Graphite nanoplatelets and carbon nanotubes based polyethylene composites: Electrical conductivity and morphology. <i>Materials Chemistry and Physics</i> , 2013, 143, 47-52.	4.0	35
31	Structure and properties of metal-free conductive tracks on polyethylene/multiwalled carbon nanotube composites as obtained by laser stimulated percolation. <i>Carbon</i> , 2013, 61, 63-71.	10.3	34
32	Carbon-based piezoresistive polymer composites: Structure and electrical properties. <i>Carbon</i> , 2013, 62, 270-277.	10.3	93
33	Radially organized pillars in TiO <sub>2</sub> and in TiO <sub>2</sub> /C microspheres: Synthesis, characterization and photocatalytic tests. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 242, 51-58.	3.9	34
34	Preparation and adsorption properties of activated porous carbons obtained using volatile zinc templating phases. <i>Carbon</i> , 2012, 50, 2047-2051.	10.3	35
35	Model oxide supported MoS <sub>2</sub> HDS catalysts: structure and surface properties. <i>Catalysis Science and Technology</i> , 2011, 1, 123.	4.1	81
36	Hybrid SnO <sub>2</sub> /carbon composites: From foams to films by playing with the reaction conditions. <i>Catalysis Today</i> , 2010, 150, 84-90.	4.4	19

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37	Designing TiO <sub>2</sub> Based Nanostructures by Control of Surface Morphology of Pure and Silver Loaded Titanate Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 169-178.	3.1	54
38	Oriented TiO <sub>2</sub> Nanostructured Pillar Arrays: Synthesis and Characterization. <i>Advanced Materials</i> , 2008, 20, 3342-3348.	21.0	38
39	Synthesis of ZnO-carbon composites and imprinted carbon by the pyrolysis of ZnCl <sub>2</sub> -catalyzed furfuryl alcohol polymers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 196, 143-153.	3.9	66
40	The Poly-A Interaction and Interfaces with Carbon Nanotubes. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 496, 170-185.	0.9	7
41	Effect of Ag and Au doping on the photocatalytic activity of TiO <sub>2</sub> supported on textile fibres. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1077, 72001.	0.1	2
42	Imaging polycrystalline and smoke MgO surfaces with atomic force microscopy: a case study of high resolution image on a polycrystalline oxide. <i>Surface Science</i> , 2004, 570, 155-166.	1.9	34
43	Adsorption of CS <sub>2</sub> on MgO microcrystals: formation of a S-doped MgO surface. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 366-374.	2.8	13
44	Modelling of Cr <sub>2</sub> O <sub>3</sub> and ZnO crystal morphology and its relation to the vibrational spectra of adsorbed CO. <i>Faraday Discussions</i> , 1996, 105, 119-138.	3.2	27
45	Infrared study of carbon monoxide adsorption at 77 K on faujasites and ZSM-5 zeolites. <i>Vibrational Spectroscopy</i> , 1993, 5, 69-74.	2.2	66