

Ivana Miletto

List of Publications by Year in descending order

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61
papers

1,423
citations

279701

23
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345118

36
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62
all docs

62
docs citations

62
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous silica as topical nanocarriers for quercetin: characterization and in vitro studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 116-125.	2.0	128
2	Highly bright and photostable cyanine dye-doped silica nanoparticles for optical imaging: Photophysical characterization and cell tests. <i>Dyes and Pigments</i> , 2010, 84, 121-127.	2.0	89
3	Stabilization of quercetin flavonoid in MCM-41 mesoporous silica: positive effect of surface functionalization. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 109-118.	5.0	84
4	Thermoresponsive mesoporous silica nanoparticles as a carrier for skin delivery of quercetin. <i>International Journal of Pharmaceutics</i> , 2016, 511, 446-454.	2.6	79
5	New Potent Fluorescent Analogues of Strigolactones: Synthesis and Biological Activity in Parasitic Weed Germination and Fungal Branching. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3781-3793.	1.2	69
6	Hybrid drug carriers with temperature-controlled on/off release: A simple and reliable synthesis of PNIPAM-functionalized mesoporous silica nanoparticles. <i>Reactive and Functional Polymers</i> , 2016, 98, 31-37.	2.0	61
7	MCM-41 as a useful vector for rutin topical formulations: Synthesis, characterization and testing. <i>International Journal of Pharmaceutics</i> , 2013, 457, 177-186.	2.6	59
8	NIR Persistent Luminescence of Lanthanide Ion-Doped Rare-Earth Oxycarbonates: The Effect of Dopants. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17346-17351.	4.0	59
9	Synthesis of poly(<i>N</i> -isopropylacrylamide) by distillation precipitation polymerization and quantitative grafting on mesoporous silica. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	41
10	Hybrid Cyanine-Silica Nanoparticles: Homogeneous Photoemission Behavior of Entrapped Fluorophores and Consequent High Brightness Enhancement. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21048-21053.	1.5	38
11	Unraveling the Decomposition Process of Lead(II) Acetate: Anhydrous Polymorphs, Hydrates, and Byproducts and Room Temperature Phosphorescence. <i>Inorganic Chemistry</i> , 2016, 55, 8576-8586.	1.9	38
12	Mesoporous Silica Scaffolds as Precursor to Drive the Formation of Hierarchical SAPO-34 with Tunable Acid Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 9952-9961.	1.7	38
13	Optimized Rhodamine B labeled mesoporous silica nanoparticles as fluorescent scaffolds for the immobilization of photosensitizers: a theranostic platform for optical imaging and photodynamic therapy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9042-9052.	1.3	35
14	Functionalization of mesoporous MCM-41 with aminopropyl groups by co-condensation and grafting: a physico-chemical characterization. <i>Research on Chemical Intermediates</i> , 2012, 38, 785-794.	1.3	33
15	Mesoporous silica as a carrier for topical application: the Trolox case study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11318.	1.3	31
16	Controlled post-synthesis grafting of thermoresponsive poly(<i>N</i> -isopropylacrylamide) on mesoporous silica nanoparticles. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1070-1075.	1.6	30
17	Delivery of Gemcitabine Prodrugs Employing Mesoporous Silica Nanoparticles. <i>Molecules</i> , 2016, 21, 522.	1.7	30
18	In Situ FT-IR Characterization of CuZnZr/Ferrierite Hybrid Catalysts for One-Pot CO ₂ -to-DME Conversion. <i>Materials</i> , 2018, 11, 2275.	1.3	28

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19	Verteporfin-loaded mesoporous silica nanoparticles inhibit mouse melanoma proliferation in vitro and in vivo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111533.	1.7	28
20	Unravelling the structure and reactivity of supported Ni particles in Ni-CeZrO ₂ catalysts. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 353-361.	10.8	27
21	Tumor Targeting by Monoclonal Antibody Functionalized Magnetic Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 1575.	1.9	26
22	Self-Absorption and Luminescence Quantum Yields of Dye-Zeolite L Composites. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23034-23047.	1.5	25
23	Strategies to Obtain Encapsulation and Controlled Release of Pentamidine in Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2018, 10, 195.	2.0	25
24	Mesoporous silica nanoparticles incorporating squaraine-based photosensitizers: a combined experimental and computational approach. <i>Dalton Transactions</i> , 2018, 47, 3038-3046.	1.6	24
25	Synthesis, Electrochemical and Electrogenenerated Chemiluminescence Studies of Ruthenium(II) Bis(2,2'-bipyridyl){2-(4-methylpyridin-2-yl)benzo[d]-X-azole} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2839-2849.	1.0	23
26	Ionosilicas as efficient adsorbents for the separation of diclofenac and sulindac from aqueous media. <i>New Journal of Chemistry</i> , 2016, 40, 7620-7626.	1.4	22
27	Structure and Host-Guest Interactions of Perylene-Diimide Dyes in Zeolite L Nanochannels. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3401-3418.	1.5	22
28	Bright photoluminescent hybrid mesostructured silica nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10015.	1.3	20
29	Hierarchical SAPO-34 Architectures with Tailored Acid Sites using Sustainable Sugar Templates. <i>ChemistryOpen</i> , 2018, 7, 297-301.	0.9	19
30	Mesoporous Silica Nanoparticles Functionalized with Amino Groups for Biomedical Applications. <i>ChemistryOpen</i> , 2021, 10, 1251-1259.	0.9	15
31	Primary amino-functionalized N-heterocyclic carbene ligands as support for Au(I)-Au(I) interactions: structural, electrochemical, spectroscopic and computational studies of the dinuclear [Au ₂ (NH ₂ (CH ₂) ₂ imMe) ₂][NO ₃] ₂ . <i>Dalton Transactions</i> , 2012, 41, 2445.	1.6	14
32	The design, synthesis and characterization of a novel acceptor for real time polymerase chain reaction using both computational and experimental approaches. <i>Dyes and Pigments</i> , 2009, 83, 111-120.	2.0	11
33	Probing the Design Rationale of a High-Performing Faujasitic Zeotype Engineered to have Hierarchical Porosity and Moderated Acidity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19561-19569.	7.2	11
34	Immobilisation of Zinc porphyrins on mesoporous SBA-15: Effect of bulky substituents on the surface interaction. <i>Microporous and Mesoporous Materials</i> , 2014, 193, 103-110.	2.2	10
35	Verteporfin based silica nanoplatfom for photodynamic therapy. <i>ChemistrySelect</i> , 2016, 1, 127-131.	0.7	9
36	Photoactive Ru Complex Embedded in Mesostructured MCM-41 Nanoparticles. <i>Journal of Fluorescence</i> , 2011, 21, 901-909.	1.3	8

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37	The protective effect of the mesoporous host on the photo oxidation of fluorescent guests: a UV-Vis spectroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12172-12177.	1.3	8
38	Direct fluorimetric characterisation of dyes in ancient purple codices. <i>Microchemical Journal</i> , 2017, 135, 122-128.	2.3	8
39	Facile synthesis of NIR and Visible luminescent Sm 3+ doped lutetium oxide nanoparticles. <i>Materials Research Bulletin</i> , 2017, 86, 220-227.	2.7	8
40	Magnetic and Thermal Characterization of Core-Shell Fe-Oxide@SiO ₂ Nanoparticles for Hyperthermia Applications. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2018, 2, 257-261.	2.3	7
41	Integrated Theoretical and Empirical Studies for Probing Substrate-Framework Interactions in Hierarchical Catalysts. <i>Chemistry - A European Journal</i> , 2019, 25, 9938-9947.	1.7	7
42	Rational design of bifunctional hierarchical Pd/SAPO-5 for the synthesis of tetrahydrofuran derivatives from furfural. <i>Journal of Catalysis</i> , 2021, 397, 75-89.	3.1	7
43	Single-component panchromatic white light generation, and tuneable excimer-like visible orange and NIR emission in a Dy quinolinolate complex. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15641-15648.	2.7	7
44	Silica Nanoparticle Internalization Improves Chemotactic Behaviour of Human Mesenchymal Stem Cells Acting on the SDF1 α /CXCR4 Axis. <i>Biomedicines</i> , 2022, 10, 336.	1.4	6
45	Verteoporfin-Loaded Mesoporous Silica Nanoparticles™ Topical Applications Inhibit Mouse Melanoma Lymphangiogenesis and Micrometastasis In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13443.	1.8	6
46	Behaviour of Fluorescence Emission of Cyanine Dyes, Cyanine Based Fluorescent Nanoparticles and CdSe/ZnS Quantum Dots in Water Solution Upon Specific Thermal Treatments. <i>Journal of Fluorescence</i> , 2011, 21, 929-936.	1.3	5
47	Influence of Silicodactyly in the Preparation of Hybrid Materials. <i>Molecules</i> , 2019, 24, 848.	1.7	5
48	Hybrid catalysts based on N-heterocyclic carbene anchored on hierarchical zeolites. <i>RSC Advances</i> , 2019, 9, 35336-35344.	1.7	5
49	The Significance of Metal Coordination in Imidazole-Functionalized Metal-Organic Frameworks for Carbon Dioxide Utilization. <i>Chemistry - A European Journal</i> , 2020, 26, 13606-13610.	1.7	5
50	Mesoporous nanocarriers for the loading and stabilization of 5-aminolevulinic acid. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	4
51	Experimental and first-principles IR characterization of quercetin adsorbed on a silica surface. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	0.5	4
52	Vis-NIR luminescent lanthanide-doped core-shell nanoparticles for imaging and photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 403, 112840.	2.0	4
53	Bifunctional hybrid organosiliceous catalysts for aldol condensation + hydrogenation tandem reactions of furfural in continuous-flow reactor. <i>Applied Catalysis A: General</i> , 2022, 643, 118710.	2.2	4
54	Adsorption Features of Various Inorganic Materials for the Drug Removal from Water and Synthetic Urine Medium: A Multi-Technique Time-Resolved In Situ Investigation. <i>Materials</i> , 2021, 14, 6196.	1.3	3

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55	Probing the Design Rationale of a High-Performing Faujasitic Zeotype Engineered to have Hierarchical Porosity and Moderated Acidity. <i>Angewandte Chemie</i> , 2020, 132, 19729-19737.	1.6	2
56	Predicting the Conformation of Organic Catalysts Grafted on Silica Surfaces with Different Numbers of Tethering Chains: The Silicopodality Concept. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21199-21210.	1.5	2
57	Mesoporous Silica Nanoparticles-Based Nanoplatforms for Photodynamic Therapy. <i>Advanced Science Letters</i> , 2017, 23, 5837-5840.	0.2	2
58	Red Upconverter Nanocrystals Functionalized with Verteporfin for Photodynamic Therapy Triggered by Upconversion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6951.	1.8	2
59	Acid properties of organosiliceous hybrid materials based on pendant (fluoro)aryl-sulfonic groups through a spectroscopic study with probe molecules. <i>Catalysis Science and Technology</i> , 2019, 9, 6308-6317.	2.1	1
60	A smart use of biomass derivatives to template an <i>ad hoc</i> hierarchical SAPO-5 acid catalyst. <i>RSC Advances</i> , 2020, 10, 38578-38582.	1.7	0
61	Fluorescence Studies: A9 Peptide, Functionalized with a Fluorogenic Probe, Interacts with Its Receptor Model HER2-DIVMP. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 807-811.	1.3	0