

Daniela Berger

List of Publications by Year in descending order

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	On the ultrasound-assisted preparation of Cu/SiO ₂ system as a selective catalyst for the conversion of biobutanol to butanal. <i>Chemical Papers</i> , 2022, 76, 1443-1455.	2.2	1
2	Resveratrol Encapsulation and Release from Pristine and Functionalized Mesoporous Silica Carriers. <i>Pharmaceutics</i> , 2022, 14, 203.	4.5	14
3	Aluminum doping of mesoporous silica as a promising strategy for increasing the energy storage of shape stabilized phase change materials containing molten NaNO ₃ : KNO ₃ eutectic mixture. <i>Journal of Energy Storage</i> , 2022, 49, 104188.	8.1	9
4	A Review of Composite Phase Change Materials Based on Porous Silica Nanomaterials for Latent Heat Storage Applications. <i>Molecules</i> , 2021, 26, 241.	3.8	52
5	Extracellular matrix biomimetic polymeric membranes enriched with silver nanoparticles for wound healing. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 035010.	3.3	14
6	Enhanced Wound Healing Activity of Undenatured Type I Collagen Isolated from Discarded Skin of Black Sea Gilthead Bream (<i>Sparus aurata</i>) Conditioned as 3D Porous Dressing. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100293.	2.1	8
7	One-pot strategy for obtaining magnetic PMMA particles through ATRP using Fe(CO) ₅ as co-initiator. <i>European Polymer Journal</i> , 2021, 152, 110446.	5.4	2
8	Mesoporous Silica and Titania-Based Materials for Stability Enhancement of Polyphenols. <i>Materials</i> , 2021, 14, 6457.	2.9	3
9	Modified Catalysts and Their Fractal Properties. <i>Catalysts</i> , 2021, 11, 1518.	3.5	5
10	Calcium carbonate as silver carrier in composite materials obtained in green seaweed extract with topical applications. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 315-323.	2.4	16
11	Polyphenolic Extract from <i>Sambucus ebulus</i> L. Leaves Free and Loaded into Lipid Vesicles. <i>Nanomaterials</i> , 2020, 10, 56.	4.1	17
12	Properties of Free and Embedded Extracts from Different Grape Pomace into Mesoporous Inorganic Matrices. <i>Proceedings (mdpi)</i> , 2020, 57, 78.	0.2	0
13	In Vitro Cytotoxicity of Polymeric Nanoparticles Coated with Lipid Layer Loaded with Cardiovascular Drugs. <i>Proceedings (mdpi)</i> , 2020, 57, .	0.2	1
14	Effect of Nanoconfinement of Polyphenolic Extract from Grape Pomace into Functionalized Mesoporous Silica on Its Biocompatibility and Radical Scavenging Activity. <i>Antioxidants</i> , 2020, 9, 696.	5.1	20
15	High temperature shape stabilized phase change materials obtained using mesoporous silica and NaCl NaBr Na ₂ MoO ₄ salt eutectic. <i>Solar Energy Materials and Solar Cells</i> , 2020, 218, 110760.	6.2	16
16	Biological Evaluation of Black Chokeberry Extract Free and Embedded in Two Mesoporous Silica-Type Matrices. <i>Pharmaceutics</i> , 2020, 12, 838.	4.5	17
17	Exploiting the zwitterionic properties of lomefloxacin to tailor its delivery from functionalized MCM-41 silica. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110323.	4.4	10
18	Shape-stabilized phase change materials using molten NaNO ₃ KNO ₃ eutectic and mesoporous silica matrices. <i>Solar Energy Materials and Solar Cells</i> , 2020, 215, 110644.	6.2	36

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19	Mesoporous Cobalt Ferrite Nanosystems Obtained by Surfactant-Assisted Hydrothermal Method: Tuning Morpho-structural and Magnetic Properties via pH-Variation. <i>Nanomaterials</i> , 2020, 10, 476.	4.1	20
20	Properties of <i>Salvia officinalis</i> L. and <i>Thymus serpyllum</i> L. Extracts Free and Embedded into Mesopores of Silica and Titania Nanomaterials. <i>Nanomaterials</i> , 2020, 10, 820.	4.1	25
21	Nanocomposite phase change materials based on NaCl/CaCl ₂ and mesoporous silica. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2555-2563.	3.6	7
22	Norfloxacin delivery systems based on MCM-type silica carriers designed for the treatment of severe infections. <i>Materials Chemistry and Physics</i> , 2019, 238, 121886.	4.0	8
23	Physicochemical and Biological Properties of Gelatin Extracted from Marine Snail <i>Rapana venosa</i> . <i>Marine Drugs</i> , 2019, 17, 589.	4.6	32
24	Polyphenols extract from grape pomace. Characterization and valorisation through encapsulation into mesoporous silica-type matrices. <i>Food and Chemical Toxicology</i> , 2019, 133, 110787.	3.6	63
25	Functionalized mesoporous silica as matrix for shape-stabilized phase change materials. <i>International Journal of Heat and Mass Transfer</i> , 2019, 144, 118699.	4.8	30
26	New Composite Nanomaterials with Antimicrobial and Photocatalytic Properties Based on Silver and Zinc Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 2072-2082.	3.7	15
27	Embedding Polyphenols Extract from Grape Marc into Inorganic Supports with Enhanced Stability. <i>Proceedings (mdpi)</i> , 2019, 29, 38.	0.2	0
28	Influence of Mesoporous Silica Functionalization and Pore Size on Resveratrol Release Profiles. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0
29	Heteroatom modified MCM-41-silica carriers for Lomefloxacin delivery systems. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 214-222.	4.4	43
30	Mesoporous Silica as Carrier for Drug-Delivery Systems. , 2019, , 351-374.		8
31	Phase Change Materials Based on Mesoporous Silica. <i>Current Organic Chemistry</i> , 2019, 22, 2644-2663.	1.6	22
32	Silica-Alginate Beads for Intestinal Ketoprofen Delivery. <i>Revista De Chimie (discontinued)</i> , 2019, 69, 3416-3422.	0.4	1
33	Characterization and applications of a new composite material obtained by green synthesis, through deposition of zinc oxide onto calcium carbonate precipitated in green seaweeds extract. <i>Ceramics International</i> , 2018, 44, 4931-4936.	4.8	18
34	Improving thermal properties of shape-stabilized phase change materials containing lauric acid and mesocellular foam silica by assessing thermodynamic properties of the non-melting layer. <i>Thermochimica Acta</i> , 2018, 660, 70-76.	2.7	20
35	Tailored doxycycline delivery from MCM-41-type silica carriers. <i>Chemical Papers</i> , 2018, 72, 1869-1880.	2.2	25
36	Controlling drug release from mesoporous silica through an amorphous, nanoconfined 1-tetradecanol layer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 318-325.	4.3	25

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37	A study on thermal degradation of zinc oxide nanopowders functionalized with anthocyanins, in correlation with their properties and applications. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	5
38	Utilization of Dielectric Properties Assessment To Evaluate the Catalytic Activity and Rate of Deactivation of Heterogeneous Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 1940-1947.	3.7	1
39	The influence of Triton X-100 surfactant on the morphology and properties of zinc sulfide nanoparticles for applications in azo dyes degradation. <i>Materials Chemistry and Physics</i> , 2017, 193, 316-328.	4.0	10
40	Properties of mesostructured silica coated CoFe ₂ O ₄ versus Fe ₃ O ₄ -silica composites. <i>Journal of Alloys and Compounds</i> , 2017, 708, 278-284.	5.5	11
41	Considerations about the Dependence of PEGylated ZnS Nanoparticles Properties on the Synthesis Method. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 232, 61-77.	2.8	20
42	Mesostructured silica-titania composites for improved oxytetracycline delivery systems. <i>Comptes Rendus Chimie</i> , 2017, 20, 1017-1025.	0.5	4
43	Influence of Synthesis Route on the Structure and Properties of Zinc Oxide Nanoparticles Functionalized with Anthocyanins from Raw Vegetable Extracts. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, P870-P878.	1.8	6
44	Effect of Aluminum Incorporation into Mesoporous Aluminosilicate Framework on Drug Release Kinetics. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	2.7	2
45	Microwave Assisted Fischer - Tropsh Synthesis at a Atmospheric Pressure. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1040-1043.	0.4	2
46	Correlation of Mesoporous Silica Structural and Morphological Features with Theoretical Three-Parameter Model for Drug Release Kinetics. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29202-29209.	3.1	33
47	Electrochemical and microgravimetric studies of poly[3,4-ethylenedioxythiophene]-tyrosinase biocomposite material electrodeposited onto gold electrodes by a sinusoidal voltages method. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 3043-3051.	2.5	7
48	Box-Behnken experimental design for chromium(VI) ions removal by bacterial cellulose-magnetite composites. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 1062-1072.	7.5	49
49	Mesostructured silica and aluminosilicate carriers for oxytetracycline delivery systems. <i>International Journal of Pharmaceutics</i> , 2016, 510, 524-531.	5.2	16
50	Facile synthesis, characterization and application of functionalized cadmium sulfide nanopowders. <i>Materials Chemistry and Physics</i> , 2016, 173, 70-77.	4.0	17
51	Low-Temperature Synthesis and Thermodynamic and Electrical Properties of Barium Titanate Nanorods. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	2.7	2
52	Evaluation of Different Mesoporous Silica Supports for Energy Storage in Shape-Stabilized Phase Change Materials with Dual Thermal Responses. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15177-15184.	3.1	89
53	Fast synthesis of rare-earth (Pr ³⁺ , Sm ³⁺ , Eu ³⁺ and Gd ³⁺) doped bismuth ferrite powders with enhanced magnetic properties. <i>Journal of Alloys and Compounds</i> , 2015, 629, 62-68.	5.5	62
54	Tailoring the dissolution rate enhancement of aminoglutethimide by functionalization of MCM-41 silica: a hydrogen bonding propensity approach. <i>RSC Advances</i> , 2015, 5, 2592-2601.	3.6	16

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55	Influence of structural, textural and surface properties of mesostructured silica and aluminosilicate carriers on aminoglycoside uptake and in vitro delivery. <i>Microporous and Mesoporous Materials</i> , 2015, 206, 150-160.	4.4	20
56	Properties of PEG-capped CdS nanopowders synthesized under very mild conditions. <i>Powder Technology</i> , 2015, 270, 197-204.	4.2	24
57	Mesostructured silica matrix for irinotecan delivery systems. <i>Open Chemistry</i> , 2014, 12, 813-820.	1.9	8
58	Luminescence of Eu-doped langasite nanopowders synthesized by a modified Pechini route. <i>Journal of Luminescence</i> , 2014, 145, 690-696.	3.1	4
59	Azobenzene functionalized mesoporous AlMCM-41-type support for drug release applications. <i>Open Chemistry</i> , 2014, 12, 788-795.	1.9	11
60	Correlation of the intracellular reactive oxygen species levels with textural properties of functionalized mesostructured silica. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.	4.0	4
61	Ordered mesoporous silica and aluminosilicate-type matrix for amikacin delivery systems. <i>Microporous and Mesoporous Materials</i> , 2013, 182, 32-39.	4.4	35
62	Upconversion luminescence of Er ³⁺ /Yb ³⁺ co-doped nanolangasite synthesized by a modified Pechini route. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 667-672.	2.4	2
63	Kinetic studies on the irinotecan release based on structural properties of functionalized mesoporous-silica supports. <i>Microporous and Mesoporous Materials</i> , 2012, 149, 25-35.	4.4	22
64	Investigation of the composition-dependent properties of BaTi _{1-x} Zr _x O ₃ ceramics prepared by the modified Pechini method. <i>Journal of the European Ceramic Society</i> , 2012, 32, 3551-3566.	5.7	82
65	Influence of different templates on the morphology of mesoporous aluminas. <i>Open Chemistry</i> , 2012, 10, 1688-1695.	1.9	4
66	Magnetic nanoparticles coated with polysaccharide polymers for potential biomedical applications. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6169-6180.	1.9	50
67	Synthesis of BaTiO ₃ by soft chemistry routes. <i>Journal of Electroceramics</i> , 2010, 24, 46-50.	2.0	11
68	Molten salt synthesis of lanthanum cuprate, La ₂ CuO ₄ . <i>Journal of Electroceramics</i> , 2010, 24, 64-66.	2.0	2
69	Synthesis of La _{1-x} Sr _x MO ₃ (M=Mn, Fe, Co, Ni) nanopowders by alanine-combustion technique. <i>Journal of the European Ceramic Society</i> , 2010, 30, 617-622.	5.7	3
70	Characterization of BaMg _{1/3} (Ta _{1-x} Nb _x) ₂ /3O ₃ ceramics obtained by a modified Pechini method. <i>Journal of Alloys and Compounds</i> , 2010, 497, 239-243.	5.5	8
71	Studies on combustion catalytic activity of some pure and doped lanthanum cobaltites. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 758-765.	20.2	24
72	Properties of Ba _{1-x} Sr _x TiO ₃ Ceramics Prepared by the Modified-Pechini Method. <i>Ferroelectrics</i> , 2008, 369, 22-34.	0.6	35

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73	Pure and doped lanthanum cobaltites obtained by combustion method. Progress in Solid State Chemistry, 2007, 35, 183-191.	7.2	20
74	Lanthanum-based perovskites obtained in molten nitrates or nitrites. Progress in Solid State Chemistry, 2007, 35, 203-209.	7.2	32
75	Preparation and characterization of BiFeO ₃ ceramic. Progress in Solid State Chemistry, 2007, 35, 193-202.	7.2	56
76	Preparation of BiFeO ₃ films by wet chemical method and their characterization. Journal of the European Ceramic Society, 2007, 27, 937-940.	5.7	54
77	Investigation of Ba _{1-x} Sr _x TiO ₃ ceramics prepared from powders synthesized by the modified Pechini route. Journal of the European Ceramic Society, 2007, 27, 3655-3658.	5.7	32
78	Pure and doped lanthanum manganites obtained by combustion method. Journal of the European Ceramic Society, 2007, 27, 4395-4398.	5.7	43
79	Chemical solution deposition and characterization of BiFeO ₃ thin films. Journal of the European Ceramic Society, 2007, 27, 4417-4420.	5.7	37
80	Synthesis, structure and properties of doped Bi ₂ O ₃ . Journal of the European Ceramic Society, 2006, 26, 3011-3016.	5.7	72
81	Composition-dependent ferroelectric properties of Ba _{1-x} Sr _x TiO ₃ ceramics. Phase Transitions, 2006, 79, 375-388.	1.3	17
82	Deposition and characterisation of bismuth oxide thin films. Journal of the European Ceramic Society, 2005, 25, 2171-2174.	5.7	71
83	Preparation and characterization of BiFeO ₃ nanopowders. European Physical Journal Special Topics, 2005, 128, 7-11.	0.2	10
84	Electrical Conductivity and Thermodynamic Properties of Some Alkaline Earth-Doped Lanthanum Chromites. International Journal of Thermophysics, 2005, 26, 543-557.	2.1	10
85	Phases investigation in the antimony doped Bi ₂ O ₃ system. Journal of the European Ceramic Society, 2004, 24, 1295-1299.	5.7	54
86	Synthesis and characterisation of La _{1-x} Sr _x CoO ₃ with large surface area. Materials Letters, 2004, 58, 2418-2422.	2.6	48
87	Thermodynamic characterisation of some doped lanthanum chromites used as interconnects in SOFC. Solid State Ionics, 2003, 157, 365-370.	2.7	15
88	Fractal dimensions of lanthanum ferrite samples by adsorption isotherm method. Applied Surface Science, 2003, 220, 154-158.	6.1	7
89	Complex Precursors for Doped Lanthanum Chromite Synthesis. Journal of Materials Synthesis and Processing, 2001, 9, 137-142.	0.3	13
90	Lanthanum chromites doped with divalent transition metals. Ceramics International, 2000, 26, 193-196.	4.8	16

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91	Synthesis and Characterization of Medium Molecular Weight Chitosan-Stabilized Selenium Nanoparticles. , 0, , .		0