

Palestino Gabriela

List of Publications by Year in descending order

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47
papers

810
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471509

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526287

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all docs

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docs citations

49
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Tramadol extended-release porous silicon microcarriers: A kinetic, physicochemical and biological evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103132.	3.0	0
2	Optimized microwave-assisted functionalization and quantification of superficial amino groups on porous silicon nanostructured microparticles. <i>Analytical Methods</i> , 2021, 13, 516-525.	2.7	1
3	A novel acrylic acid-Schizochytrium sp. bio-based polymer: Design, synthesis, and properties. <i>Materials Today Communications</i> , 2021, 26, 102029.	1.9	4
4	Evaluation of a rapid and long-effective pickling method for iron rust removal on metallic surfaces using carboxylic acid-based polymers. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	3
5	An Overview of Gadolinium-Based Oxide and Oxysulfide Particles: Synthesis, Properties, and Biomedical Applications. <i>Crystals</i> , 2021, 11, 1094.	2.2	14
6	Tuning the pH-responsiveness capability of poly(acrylic acid-co-itaconic acid)/NaOH hydrogel: Design, swelling, and rust removal evaluation. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48403.	2.6	12
7	Optical and biological evaluation of upconverting Gd ₂ O ₃ :Tb ³⁺ /Er ³⁺ particles as microcarriers of a Zika virus antigenic peptide. <i>Chemical Engineering Journal</i> , 2020, 385, 123414.	12.7	15
8	Synthesis of Bamboo-like Multiwall Carbon Nanotube-Poly(Acrylic Acid-co-Itaconic Acid)/NaOH Composite Hydrogel and its Potential Application for Electrochemical Detection of Cadmium(II). <i>Biosensors</i> , 2020, 10, 147.	4.7	9
9	An overview of nanogel-based vaccines. <i>Expert Review of Vaccines</i> , 2019, 18, 951-968.	4.4	21
10	Porous silicon microcarriers for extended release of metformin: Design, biological evaluation and 3D kinetics modeling. <i>Chemical Engineering Journal</i> , 2019, 365, 415-428.	12.7	9
11	Biosynthesis of β -D-glucan-gold nanoparticles, cytotoxicity and oxidative stress in mouse splenocytes. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 379-389.	7.5	18
12	Prolonged release of metformin by SiO ₂ nanoparticles pellets for type II diabetes control. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 131, 1-8.	4.0	32
13	Eu ³⁺ /Yb ³⁺ co-doped gadolinium oxysulfide upconverting nanorods: Morphological, physicochemical and optical evaluation. <i>Journal of Alloys and Compounds</i> , 2019, 787, 1032-1043.	5.5	7
14	Gold nanoparticles (AuNP) exert immunostimulatory and protective effects in shrimp (<i>Litopenaeus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	31
15	Gelatin-based porous silicon hydrogel composites for the controlled release of tramadol. <i>European Polymer Journal</i> , 2018, 108, 485-497.	5.4	24
16	Effect of Tb ³⁺ concentration in the visible emission of terbium-doped gadolinium oxysulfide microspheres. <i>Solid State Sciences</i> , 2018, 84, 8-14.	3.2	14
17	Mesoporous Silicon Particles Favor the Induction of Long-Lived Humoral Responses in Mice to a Peptide-Based Vaccine. <i>Materials</i> , 2018, 11, 1083.	2.9	6
18	Toxicity evaluation of high-fluorescent rare-earth metal nanoparticles for bioimaging applications. , 2017, 105, 605-615.		23

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19	Thermal and kinetic evaluation of biodegradable thermo-sensitive gelatin/poly(ethylene glycol) diamine crosslinked citric acid hydrogels for controlled release of tramadol. <i>European Polymer Journal</i> , 2017, 89, 42-56.	5.4	32
20	Synthesis and Characterization of CaF ₂ Thin Films Doped with Tb ³⁺ . <i>MRS Advances</i> , 2017, 2, 147-152.	0.9	0
21	Role of porous silicon/hydrogel composites on drug delivery. <i>Open Material Sciences</i> , 2016, 3, .	0.8	11
22	The potential of porous silicon particles for multi-epitopic vaccine development. <i>Open Material Sciences</i> , 2016, 3, .	0.8	1
23	Functional mesoporous materials. <i>Open Material Sciences</i> , 2016, 3, .	0.8	0
24	Porous Silicon Nanostructured Materials for Sensing Applications: Molecular Assembling and Electrochemical or Optical Evaluation. <i>Materials Research Society Symposia Proceedings</i> , 2016, 1812, 77-82.	0.1	0
25	An overview on the role of silica-based materials in vaccine development. <i>Expert Review of Vaccines</i> , 2016, 15, 1449-1462.	4.4	28
26	Mesoporous Biomaterials " multifunctional materials for future medical therapies and bioanalysis. <i>Open Material Sciences</i> , 2015, 2, 1-2.	0.8	5
27	Hybrid Porous Silicon- Rhodamine B Derivative Nanostructures as Chemical Sensor for Hg(II) Detection. <i>ECS Transactions</i> , 2014, 64, 31-34.	0.5	4
28	Synthesis, characterization, and photoluminescence properties of Gd:Tb oxysulfide colloidal particles. <i>Chemical Engineering Journal</i> , 2014, 258, 136-145.	12.7	22
29	Effect of Ag, pH, and time on the preparation of Ag-functionalized zinc oxide nanoagglomerates as photocatalysts. <i>Journal of Catalysis</i> , 2014, 318, 170-178.	6.2	30
30	A turn-on fluorescent solid-sensor for Hg(II) detection. <i>Nanoscale Research Letters</i> , 2014, 9, 431.	5.7	16
31	Immobilization strategies and electrochemical evaluation of porous silicon based cytochrome c electrode. <i>Electrochimica Acta</i> , 2014, 140, 550-556.	5.2	14
32	Structure/Property Relationships of Poly(L-lactic Acid)/Mesoporous Silica Nanocomposites. <i>Journal of Polymers</i> , 2013, 2013, 1-10.	0.9	4
33	Optical properties of Cantor nanostructures made from porous silicon: A sensing application. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2012, 10, 452-458.	2.0	9
34	Tunable resonance transmission modes in hybrid heterostructures based on porous silicon. <i>Nanoscale Research Letters</i> , 2012, 7, 392.	5.7	23
35	Light-harvesting bio-nanomaterial using porous silicon and photosynthetic reaction center. <i>Nanoscale Research Letters</i> , 2012, 7, 400.	5.7	14
36	Porous Silicon/Photosynthetic Reaction Center Hybrid Nanostructure. <i>Langmuir</i> , 2012, 28, 11866-11873.	3.5	30

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37	Effect of 45nm silver nanoparticles (AgNPs) upon the smooth muscle of rat trachea: Role of nitric oxide. <i>Toxicology Letters</i> , 2011, 207, 306-313.	0.8	22
38	Matrix metalloproteinase sensing via porous silicon microcavity devices functionalized with human antibodies. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1888-1892.	0.8	7
39	Three-dimensional spatial resolution of the nonlinear photoemission from biofunctionalized porous silicon microcavity. <i>Applied Physics Letters</i> , 2009, 94, 223313.	3.3	11
40	Detection and light enhancement of glucose oxidase adsorbed on porous silicon microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 1624-1628.	0.8	15
41	Tunable Protein-Resistance of Polycation-Terminated Polyelectrolyte Multilayers. <i>Biomacromolecules</i> , 2009, 10, 2275-2283.	5.4	31
42	Functionalization of nanostructured porous silicon microcavities for glucose oxidase detection. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 27-34.	7.8	63
43	Biosensing and Protein Fluorescence Enhancement by Functionalized Porous Silicon Devices. <i>Langmuir</i> , 2008, 24, 13765-13771.	3.5	61
44	Fluorescence tuning of confined molecules in porous silicon mirrors. <i>Applied Physics Letters</i> , 2007, 91, 121909.	3.3	18
45	Photocatalytic degradation of methyl parathion: Reaction pathways and intermediate reaction products. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 71-84.	3.9	95
46	In-Vitro Silanization of Dental Enamel to Prevent Demineralization. <i>Odovtos International Journal of Dental Sciences</i> , 0, , 353-363.	0.1	0
47	Two Methods of AuNPs Synthesis Induce Differential Vascular Effects. The Role of the Endothelial Glycocalyx. <i>Frontiers in Medicine</i> , 0, 9, .	2.6	1