

Daniela Martins Fernandes de Oliveira

List of Publications by Year in descending order

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25
papers

1,009
citations

566801

15
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of ZnO, CuO and a mixed Zn and Cu oxide. <i>Materials Chemistry and Physics</i> , 2009, 115, 110-115.	2.0	180
2	Preparation, characterization, and photoluminescence study of PVA/ZnO nanocomposite films. <i>Materials Chemistry and Physics</i> , 2011, 128, 371-376.	2.0	122
3	Fe-doped ZnO nanoparticles: Synthesis by a modified sol-gel method and characterization. <i>Materials Letters</i> , 2015, 159, 84-86.	1.3	119
4	Thermal and photochemical stability of poly(vinyl alcohol)/modified lignin blends. <i>Polymer Degradation and Stability</i> , 2006, 91, 1192-1201.	2.7	93
5	Co-doped ZnO nanoparticles synthesized by an adapted sol-gel method: effects on the structural, optical, photocatalytic and antibacterial properties. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 301-309.	1.1	67
6	Kinetic study of the thermal decomposition of poly(vinyl alcohol)/kraft lignin derivative blends. <i>Thermochimica Acta</i> , 2006, 441, 101-109.	1.2	48
7	Nanometric particle size and phase controlled synthesis and characterization of γ -Fe ₂ O ₃ or $(\pm\alpha\%+\hat{\alpha}\%)$ -Fe ₂ O ₃ by a modified sol-gel method. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	46
8	Structural, thermal, optical properties and cytotoxicity of PMMA/ZnO fibers and films: Potential application in tissue engineering. <i>Applied Surface Science</i> , 2016, 385, 257-267.	3.1	46
9	Decontamination and disinfection of wastewater by photocatalysis under UV/visible light using nano-catalysts based on Ca-doped ZnO. <i>Journal of Environmental Management</i> , 2019, 240, 485-493.	3.8	37
10	Effects of Al ³⁺ concentration on the optical, structural, photocatalytic and cytotoxic properties of Al-doped ZnO. <i>Journal of Alloys and Compounds</i> , 2017, 729, 978-987.	2.8	35
11	Thermal and photochemical effects on the structure, morphology, thermal and optical properties of PVA/Ni _{0.04} Zn _{0.96} O and PVA/Fe _{0.03} Zn _{0.97} O nanocomposite films. <i>Polymer Degradation and Stability</i> , 2013, 98, 1862-1868.	2.7	30
12	Preparation and characterization of NiO, Fe ₂ O ₃ , Ni _{0.04} Zn _{0.96} O and Fe _{0.03} Zn _{0.97} O nanoparticles. <i>Materials Chemistry and Physics</i> , 2009, 118, 447-452.	2.0	27
13	Optimization of maghemite-loaded PLGA nanospheres for biomedical applications. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 343-351.	1.9	23
14	The Effects and Role of Polyvinylpyrrolidone on the Size and Phase Composition of Iron Oxide Nanoparticles Prepared by a Modified Sol-Gel Method. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	1.5	17
15	Hybrid materials based on cotton fabric-Cu ₂ O nanoparticles with antibacterial properties against <i>S. Aureus</i> . <i>Materials Chemistry and Physics</i> , 2017, 201, 339-343.	2.0	16
16	Influences of experimental parameters on the stability of a benzoporphyrin drug in water/ethanol mixtures: a statistical approach investigation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 609-616.	0.4	15
17	Characterization of poly(vinyl acetate)/sugar cane bagasse lignin blends and their photochemical degradation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 407-413.	2.0	14
18	Wastewater treatment using Mg-doped ZnO nano-semiconductors: A study of their potential use in environmental remediation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113078.	2.0	13

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19	Lignin Modified by Formic Acid on the PA6 Films: Evaluation on the Morphology and Degradation by UV Radiation. <i>Waste and Biomass Valorization</i> , 2010, 1, 323-328.	1.8	12
20	Water Permeability Increase in Ultrafiltration Cellulose Acetate Membrane Containing Silver Nanoparticles. <i>Materials Research</i> , 2017, 20, 887-891.	0.6	12
21	Cellophane and filter paper as cellulosic support for silver nanoparticles and its thermal decomposition catalysis. <i>Carbohydrate Polymers</i> , 2015, 133, 277-283.	5.1	11
22	Tuning the magnetic properties of ferrite nanoparticles by Zn and Co doping. <i>Materials Letters</i> , 2017, 195, 151-155.	1.3	10
23	An eco-friendly green and facile synthesis of carbon dots from red propolis wax with photoluminescence dependent of reaction time and thermal treatment in solid state. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	7
24	Rice Husk-Derived Mesoporous Silica as a Promising Platform for Chemotherapeutic Drug Delivery. <i>Waste and Biomass Valorization</i> , 2022, 13, 241-254.	1.8	5
25	Al ₂ O ₃ nanoparticle polymorphs: effects of Zn ²⁺ doping on the structural, optical and cytotoxic properties. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	0.8	4