

# Elaine C Paris

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,422  
citations

201385

27  
h-index

223531

46  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2799  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis of CuO, ZnO, and Ag nanoparticles: structural, morphological, and bactericidal evaluation. <i>Inorganic and Nano-Metal Chemistry</i> , 2023, 53, 490-500.	0.9	1
2	CuO nanoparticles decorated on hydroxyapatite/ferrite magnetic support: photocatalysis, cytotoxicity, and antimicrobial response. <i>Environmental Science and Pollution Research</i> , 2022, 29, 41505-41519.	2.7	17
3	Use of Time Domain Nuclear Magnetic Resonance Relaxometry to Monitor the Effect of Magnetic Field on the Copper Corrosion Rate in Real Time. <i>Magnetochemistry</i> , 2022, 8, 40.	1.0	1
4	Recent Advances in the Application of Nanotechnology to Reduce Fruit and Vegetable Losses During Post-Harvest. <i>Brazilian Journal of Physics</i> , 2022, 52, .	0.7	5
5	Prozac® removal promoted by HAP:Nb2O5 nanoparticles system: by-products, mechanism, and cytotoxicity assessment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104820.	3.3	14
6	Structural evolution, optical properties, and photocatalytic performance of copper and tungsten heterostructure materials. <i>Materials Today Communications</i> , 2021, 26, 101886.	0.9	4
7	Immobilization of phytase on zeolite modified with iron(II) for use in the animal feed and food industry sectors. <i>Process Biochemistry</i> , 2021, 100, 260-271.	1.8	16
8	Influence of the synthesis method on CuWO4 nanoparticles for photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1139-1149.	1.1	4
9	GIS zeolite obtained by the microwave-hydrothermal method: Synthesis and evaluation of its adsorptive capacity. <i>Materials Chemistry and Physics</i> , 2021, 260, 124142.	2.0	3
10	Nb2O5 nanoparticles decorated with magnetic ferrites for wastewater photocatalytic remediation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23731-23741.	2.7	17
11	Zinc oxide pieces obtained by pressing and slip casting: physical, structural and photocatalytic properties. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1861-1873.	1.2	11
12	ZnO semiconductors obtained by slip casting: Application and reuse in photocatalysis. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 622-630.	1.1	4
13	Phase evolution and optical properties of nanometric Mn-doped TiO2 pigments. <i>Materials Today Communications</i> , 2021, 27, 102295.	0.9	3
14	Potential of Nb2O5 nanofibers in photocatalytic degradation of organic pollutants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 69401-69415.	2.7	22
15	Influence of terbium (III) ions on the photocatalytic activity of TiO2 and CeO2 for the degradation of methylene blue in industrial effluents. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27147-27161.	2.7	4
16	Nanocarriers of Eu <sup>3+</sup> doped silica nanoparticles modified by APTES for luminescent monitoring of cloxacillin. <i>AIMS Materials Science</i> , 2021, 8, 760-775.	0.7	1
17	Preparation and Application of Nb2O5 Nanofibers in CO2 Photoconversion. <i>Nanomaterials</i> , 2021, 11, 3268.	1.9	9
18	Functionalized faujasite zeolite immobilized on poly(lactic acid) composite fibers to remove dyes from aqueous media. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48561.	1.3	15

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19	Hydroxyapatite-CoFe <sub>2</sub> O <sub>4</sub> Magnetic Nanoparticle Composites for Industrial Enzyme Immobilization, Use, and Recovery. ACS Applied Nano Materials, 2020, 3, 12334-12345.	2.4	22
20	The Effect of ZnO Nanoparticles Morphology on the Toxicity Towards Microalgae <i>Pseudokirchneriella subcapitata</i> . Journal of Nanoscience and Nanotechnology, 2020, 20, 48-63.	0.9	13
21	Prozac® photodegradation mediated by Mn-doped TiO <sub>2</sub> nanoparticles: Evaluation of by-products and mechanisms proposal. Journal of Environmental Chemical Engineering, 2020, 8, 104543.	3.3	28
22	Photocatalytic degradation of Prozac® mediated by TiO <sub>2</sub> nanoparticles obtained via three synthesis methods: sonochemical, microwave hydrothermal, and polymeric precursor. Environmental Science and Pollution Research, 2020, 27, 27032-27047.	2.7	23
23	Faujasite zeolite decorated with cobalt ferrite nanoparticles for improving removal and reuse in Pb <sup>2+</sup> ions adsorption. Chinese Journal of Chemical Engineering, 2020, 28, 1884-1890.	1.7	31
24	Electrospun poly(lactic acid) nanofibers loaded with silver sulfadiazine/[Mg-Al] layered double hydroxide as an antimicrobial wound dressing. Polymers for Advanced Technologies, 2020, 31, 1377-1387.	1.6	37
25	Effect of tungsten doping on the structural, morphological and bactericidal properties of nanostructured CuO. PLoS ONE, 2020, 15, e0239868.	1.1	20
26	Starch:Pectin Acidic Sachets Development for Hydroxyapatite Nanoparticles Storage to Improve Phosphorus Release. Journal of Polymers and the Environment, 2019, 27, 794-802.	2.4	12
27	Evaluation of Photocatalytic Activity in Water Pollutants and Cytotoxic Response of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Nanoparticles. ACS Omega, 2019, 4, 17477-17486.	1.6	29
28	Obtención de muestras de $\text{Å}^3$ xidos a bajo costo. Revista UIS Ingenierías, 2019, 18, 33-37.	0.1	5
29	Photoactivity of N-doped ZnO nanoparticles in oxidative and reductive reactions. Applied Surface Science, 2018, 433, 879-886.	3.1	51
30	Nanoimmobilization of $\beta$ -glucosidase onto hydroxyapatite. International Journal of Biological Macromolecules, 2018, 119, 1042-1051.	3.6	32
31	Investigation of nanotoxicological effects of nanostructured hydroxyapatite to microalgae <i>Pseudokirchneriella subcapitata</i> . Ecotoxicology and Environmental Safety, 2017, 144, 138-147.	2.9	18
32	Polyethylene Films Containing Silver Nanoparticles for Applications in Food Packaging: Characterization of Physico-Chemical and Anti-Microbial Properties. Journal of Nanoscience and Nanotechnology, 2015, 15, 2148-2156.	0.9	67
33	Improving the electrochemical properties of polyamide 6/polyaniline electrospun nanofibers by surface modification with ZnO nanoparticles. RSC Advances, 2015, 5, 73875-73881.	1.7	44
34	Production of heterostructured TiO <sub>2</sub> /WO <sub>3</sub> Nanoparticulated photocatalysts through a simple one pot method. Ceramics International, 2015, 41, 3502-3510.	2.3	22
35	Insight into magnetite nanoparticle phase evolution in solvothermal synthesis through a simple method based on iron chloride and metallic iron. RSC Advances, 2014, 4, 53265-53272.	1.7	9
36	NIOBIUM OXIDES: AN OVERVIEW OF THE SYNTHESIS OF Nb <sub>2</sub> O <sub>5</sub> AND ITS APPLICATION IN HETEROGENEOUS PHOTOCATALYSIS. Quimica Nova, 2014, , .	0.3	16

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37	Hydrothermal synthesis and photocatalytic properties of anatase TiO <sub>2</sub> nanocrystals obtained from peroxytitanium complex precursor. <i>Materials Science in Semiconductor Processing</i> , 2014, 25, 320-329.	1.9	14
38	Fabrication of zinc oxide nanowires/polymer composites by two-photon polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 333-337.	2.4	26
39	Layer-by-layer fabrication of AgCl@PANI hybrid nanocomposite films for electronic tongues. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24275-24281.	1.3	33
40	Synthesis of Nb <sub>2</sub> O <sub>5</sub> nanoparticles through the oxidant peroxide method applied to organic pollutant photodegradation: A mechanistic study. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 800-808.	10.8	202
41	Correlation Between Photoluminescence and Structural Defects in Ca <sub>1-x</sub> Cu <sub>3-x</sub> Ti <sub>3</sub> Systems. <i>Journal of the American Ceramic Society</i> , 2013, 96, 209-217.	1.0	37
42	Solvent effect on the optimization of 1.54 μm emission in Er-doped Y <sub>2</sub> O <sub>3</sub> ·Al <sub>2</sub> O <sub>3</sub> ·SiO <sub>2</sub> powders synthesized by a modified Pechini method. <i>Current Applied Physics</i> , 2013, 13, 1558-1565.	1.1	7
43	Avaliação do potencial de uso da hidroxiapatita para fertilização de solos. <i>Quimica Nova</i> , 2013, 36, 790-792.	0.3	3
44	PANI Conductivity: A Dependence of the Chemical Synthesis Temperature. <i>Macromolecular Symposia</i> , 2012, 319, 48-53.	0.4	15
45	Evaluation of the catalytic activity of oxide nanoparticles synthesized by the polymeric precursor method on biodiesel production. <i>Journal of Materials Research</i> , 2012, 27, 3020-3026.	1.2	12
46	Structural evolution of Eu-doped hydroxyapatite nanorods monitored by photoluminescence emission. <i>Journal of Alloys and Compounds</i> , 2012, 531, 50-54.	2.8	50
47	Morphological and Structural changes of Ca <sub>x</sub> Sr <sub>1-x</sub> TiO <sub>3</sub> Powders Obtained by the Microwave-Assisted Hydrothermal Method. <i>International Journal of Applied Ceramic Technology</i> , 2012, 9, 186-192.	1.1	12
48	Photoluminescence properties of PZT 52/48 synthesized by microwave hydrothermal method using PVA with template. <i>Journal of Luminescence</i> , 2012, 132, 46-50.	1.5	19
49	Hierarchical Assembly of CaMoO <sub>4</sub> Nano-Octahedrons and Their Photoluminescence Properties. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5207-5219.	1.5	130
50	Formation of Ni <sup>2+</sup> -nickel hydroxide plate-like structures under mild conditions and their optical properties. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2818-2823.	1.4	11
51	Photoluminescent Properties of Nanorods and Nanoplates Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> . <i>Journal of Fluorescence</i> , 2011, 21, 1431-1438.	1.3	18
52	Influence of pH on the incorporation and growth of Pb <sub>2</sub> CrO <sub>5</sub> crystallites in silica matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 488-494.	1.1	4
53	BaZrO <sub>3</sub> photoluminescence property: An ab initio analysis of structural deformation and symmetry changes. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 694-701.	1.0	19
54	Structural deformation monitored by vibrational properties and orbital modeling in (Pb,Sm)TiO <sub>3</sub> systems. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 12-17.	1.9	17

#	ARTICLE	IF	CITATIONS
55	Structure and growth mechanism of CuO plates obtained by microwave-hydrothermal without surfactants. <i>Advanced Powder Technology</i> , 2010, 21, 197-202.	2.0	110

56	Reply to "Comment on $\text{Pb}$ "		
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#	ARTICLE	IF	CITATIONS
73	The origin of photoluminescence in amorphous lead titanate. Journal of Materials Science, 2003, 38, 1175-1178.	1.7	33
74	Topotatic-Like Phase Transformation of Amorphous Lead Titanate to Cubic Lead Titanate. Journal of the American Ceramic Society, 2002, 85, 2166-2170.	1.9	11
75	Amorphous lead titanate: a new wide-band gap semiconductor with photoluminescence at room temperature. Advanced Materials for Optics and Electronics, 2000, 10, 235-240.	0.6	58
76	Direct Amorphous to Cubic Perovskite Phase Transformation for Lead Titanate. Journal of the American Ceramic Society, 2000, 83, 1539-1541.	1.9	20
77	Photoluminescence of disordered ABO <sub>3</sub> perovskites. Applied Physics Letters, 2000, 77, 824-826.	1.5	171
78	Synthesis of PbTiO <sub>3</sub> by use of polymeric precursors. Materials Letters, 1998, 37, 1-5.	1.3	43
79	Photoactivity of TiO <sub>2</sub> nanoparticles covered with nitro group in Fluoxetine and Rhodamine-B degradation. , 0, 205, 252-263.		6
80	Obtaining Porous Zinc Oxide Ceramics Using Replica Technique: Application in Photocatalysis. Materials Research, 0, 25, .	0.6	2