

M Bomio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114 papers	1,506 citations	21 h-index	33 g-index
118 ext. papers	1,792 ext. citations	3.5 avg, IF	4.92 L-index

#	Paper	IF	Citations
114	Study of microstructural, mechanical, and biomedical properties of zirconia/hydroxyapatite ceramic composites. <i>Ceramics International</i> , 2022 ,	5.1	2
113	Integrated experimental and theoretical study on the phase transition and photoluminescent properties of $ZrO_2:xTb^{3+}$ ($x=1, 2, 4$ and 8 mol %). <i>Materials Research Bulletin</i> , 2022 , 145, 111532	5.1	0
112	Enhanced red emission in $Sr(1-x)Eu_xMo_{0.5}W_{0.5}O_4$ ($x = 0.01, 0.02, 0.04$) phosphor and spectroscopic analysis for display applications. <i>Journal of Materials Science</i> , 2022 , 57, 8634-8647	4.3	0
111	Heterostructures obtained by ultrasonic methods for photocatalytic application: A review. <i>Materials Science in Semiconductor Processing</i> , 2021 , 106311	4.3	1
110	Enhanced photocatalytic activity of $CaMoO_4/g-C_3N_4$ composites obtained via sonochemistry synthesis. <i>Materials Research Bulletin</i> , 2021 , 146, 111621	5.1	4
109	Co_2FeAl Heusler alloy onto amorphous TiO_2 layer: Exploring the quasi-static and dynamic magnetic properties. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 154, 110088	3.9	0
108	Presence of excited electronic states on terbium incorporation in $CaMoO_4$: Insights from experimental synthesis and first-principles calculations. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 149, 109790	3.9	2
107	Cerium molybdate nanocrystals: Microstructural, optical and gas-sensing properties. <i>Journal of Alloys and Compounds</i> , 2021 , 857, 157562	5.7	3
106	Effect of temperature on ultrasonic spray pyrolysis method in zinc tungstate: The relationship between structural and optical properties. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123991	4.4	1
105	DFT Simulations for Heterogeneous Photocatalysis from ZnO and CuO Semiconductors. <i>Engineering Materials</i> , 2021 , 185-200	0.4	
104	Antimicrobial and electrical properties of ce- and ni-doped zns nanoparticles obtained by a sonochemical method. <i>International Journal of Applied Ceramic Technology</i> , 2021 , 18, 598-604	2	1
103	Effect of the Heat Treatment Sequence in Forming $WO_3/SnO_2/CuO$ Nanocomposites on the Photocatalytic Properties Illuminated by UV and Sunlight Irradiation. <i>Journal of Electronic Materials</i> , 2021 , 50, 7150	1.9	
102	Red-emitting $CaWO_4:Eu^{3+},Tm^{3+}$ phosphor for solid-state lighting: Luminescent properties and morphology evolution. <i>Journal of Rare Earths</i> , 2021 , 40, 226-226	3.7	2
101	Microwave-assisted hydrothermal synthesis of $Ag_2Mo_{1-x}W_xO_4$ ($x = 0, 0.25, 0.50, 0.75$ and 1 mol%) heterostructures for enhanced photocatalytic degradation of organic dyes. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156077	5.7	8
100	Removal study of the hormone 17 α -ethynylestradiol and methylene blue dye from water using TiO_2 , Mn_2O_3 and TiO_2/Mn_2O_3 thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 9260-9269	2.1	2
99	Photocatalytic properties of the CeO_2-xTiO_2 and TiO_2-xCeO_2 ($x = 10, 30$, and 50 mol%) heterostructures obtained by a MAH. <i>International Journal of Applied Ceramic Technology</i> , 2020 , 17, 2376 ² -2385 ³		
98	Synthesis and characterization of $BaWO_4:xTm^{3+},yPr^{3+}$ obtained by ultrasonic spray pyrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11599-11608	2.1	3

97	Stabilization of the β -Ag ₂ WO ₄ metastable pure phase by coprecipitation method using polyvinylpyrrolidone as surfactant: Photocatalytic property. <i>Ceramics International</i> , 2020 , 46, 14864-14871	5.1	6
96	Quantum mechanical modeling of Zn-based spinel oxides: Assessing the structural, vibrational, and electronic properties. <i>International Journal of Quantum Chemistry</i> , 2020 , 120, e26368	2.1	0
95	Photoluminescent properties of Sm ³⁺ and Tb ³⁺ codoped CaWO ₄ nanoparticles obtained by a one-step sonochemical method. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 13261-13272	2.7	2
94	Disclosing the Structural, Electronic, Magnetic, and Morphological Properties of CuMnO ₂ : A Unified Experimental and Theoretical Approach. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5378-5388	3.8	16
93	Structural, electronic, vibrational and magnetic properties of Zn ²⁺ substituted MnCr ₂ O ₄ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 502, 166595	2.8	24
92	Connecting the surface structure, morphology and photocatalytic activity of Ag ₂ O: An in depth and unified theoretical investigation. <i>Applied Surface Science</i> , 2020 , 509, 145321	6.7	29
91	Growth mechanism and vibrational and optical properties of SrMoO ₄ : Tb ³⁺ , Sm ³⁺ particles: green/blue tunable color. <i>Journal of Materials Science</i> , 2020 , 55, 8610-8629	4.3	7
90	Zirconia/hydroxyapatite (80/20) scaffold repair in critical size calvarial defect increased FGF-2, osteocalcin and OPG immunostaining and IL-10 levels. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 2439-2450	3	1
89	Effect of temperature on the photocatalytic properties of TiO ₂ -CeO ₂ multilayer thin films obtained by spin coating method. <i>Ceramica</i> , 2020 , 66, 145-153	1	0
88	Synthesis and characterization of β -Ag ₂ MoO ₄ / β -Ag ₂ MoO ₄ heterostructure obtained by fast and simple ultrasonic spray pyrolysis method at different temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 4271-4278	2.1	10
87	Recent progress and approaches on the synthesis of Mn-doped zinc oxide nanoparticles: a theoretical and experimental investigation on the photocatalytic performance. <i>New Journal of Chemistry</i> , 2020 , 44, 8805-8812	3.6	15
86	Temperature dependence on phase evolution in the BaTiO ₃ polytypes studied using ab initio calculations. <i>International Journal of Quantum Chemistry</i> , 2020 , 120, e26054	2.1	7
85	Connecting theory with experiment to understand the photocatalytic activity of CuO/ZnO heterostructure. <i>Ceramics International</i> , 2020 , 46, 9446-9454	5.1	24
84	Development of ZnO/PDMS nanocomposite with photocatalytic/hydrophobic multifunction. <i>Chemical Physics Letters</i> , 2020 , 740, 137051	2.5	9
83	Study of Photocatalytic Properties of Ag/AgCl-Decorated Soybean Protein Knitting Fabric Against Acid Blue 260 Dye by Factorial Design. <i>Journal of Electronic Materials</i> , 2020 , 49, 2118-2129	1.9	3
82	Characterization and photocatalytic application of Ce ⁴⁺ , Co ²⁺ , Mn ²⁺ and Ni ²⁺ doped Fe ₃ O ₄ magnetic nanoparticles obtained by the co-precipitation method. <i>Materials Chemistry and Physics</i> , 2020 , 242, 122489	4.4	16
81	Synthesis and characterization of Ag ⁺ and Zn ²⁺ co-doped CaWO ₄ nanoparticles by a fast and facile sonochemical method. <i>Journal of Alloys and Compounds</i> , 2020 , 823, 153617	5.7	16
80	Structure, electronic properties, morphology evolution, and photocatalytic activity in PbMoO ₄ and PbCaSrMoO ₄ (= 0.1, 0.2, 0.3, 0.4 and 0.5) solid solutions. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 25876-25891	3.6	8

79	Fast and facile sonochemical synthesis of Mg- and Zn-doped PbS nanospheres: optical properties and photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 14192-14202	2.1	4
78	Structural, electronic and magnetic properties of Sc ³⁺ doped CoCr ₂ O ₄ nanoparticles. <i>New Journal of Chemistry</i> , 2020 , 44, 14246-14255	3.6	16
77	Influence of Cosurfactant on the Synthesis of Surface-Modified Na ₂ /3Ni ₁ /3Mn ₂ /3O ₂ as a Cathode for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020 , 7, 3528-3534	4.3	4
76	Biofilms of cellulose and hydroxyapatite composites: Alternative synthesis process. <i>Journal of Bioactive and Compatible Polymers</i> , 2020 , 35, 469-478	2	3
75	Atomistic Perspective on the Intrinsic White-Light Photoluminescence of Rare-Earth Free MgMoO ₄ Nanoparticles. <i>Crystal Growth and Design</i> , 2020 , 20, 6592-6603	3.5	7
74	Influence of pH variation on CuWO ₄ , CuWO ₄ /WO ₃ and CuWO ₄ /CuO structures stabilization: study of the photocatalytic properties under sunlight. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 18221-18233	2.1	6
73	Influence of microwave-assisted hydrothermal treatment time on the crystallinity, morphology and optical properties of ZnWO ₄ nanoparticles: Photocatalytic activity. <i>Ceramics International</i> , 2020 , 46, 1766-1774 ¹⁴	5.1	14
72	Spray pyrolysis synthesis and characterization of Mg _{1-x} Sr _x MoO ₄ heterostructure with white light emission. <i>Journal of Alloys and Compounds</i> , 2020 , 813, 152235	5.7	9
71	Tb ³⁺ /Pr ³⁺ co-doped ZnMoO ₄ phosphor with tunable photoluminescence and energy transfer processes. <i>Optical Materials</i> , 2019 , 96, 109332	3.3	9
70	Synthesis and Characterization of Co ²⁺ and Mn ²⁺ Codoped ZnO Nanoparticles Obtained by the Sonochemical Method: Photocatalytic and Antimicrobial Properties. <i>Journal of Electronic Materials</i> , 2019 , 48, 5900-5905	1.9	6
69	Fast and continuous obtaining of Eu ³⁺ doped CeO ₂ microspheres by ultrasonic spray pyrolysis: characterization and photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 11508-11519	2.1	12
68	Enhanced Photocatalytic Properties of Zinc-Doped CuO Decorated with Silver Obtained by Microwave-Assisted Hydrothermal Method: Statistical Factorial Design. <i>Journal of Electronic Materials</i> , 2019 , 48, 4840-4849	1.9	9
67	Effect of temperature on the morphology and optical properties of Ag ₂ WO ₄ obtained by the co-precipitation method: Photocatalytic activity. <i>Ceramics International</i> , 2019 , 45, 15205-15212	5.1	12
66	On the use of guanidine hydrochloride soft template in the synthesis of Na ₂ /3Ni ₁ /3Mn ₂ /3O ₂ cathodes for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 1035-1045	5.7	7
65	Influence of solution pH on forming silver molybdates obtained by sonochemical method and its application for methylene blue degradation. <i>Ceramics International</i> , 2019 , 45, 11448-11456	5.1	12
64	Fast and simultaneous doping of SrCaInO ₃ (xEu, yTm, zTb) superstructure by ultrasonic spray pyrolysis. <i>Ultrasonics Sonochemistry</i> , 2019 , 56, 14-24	8.9	10
63	Increased Degradation Capacity of Methylene Blue Dye Using Mg-doped ZnO Nanoparticles Decorated by Ag ₀ Nanoparticles. <i>Journal of Electronic Materials</i> , 2019 , 48, 3017-3025	1.9	11
62	Photocatalytic Properties under Sunlight of Heterostructures AgCl/CuO Obtained by Sonochemical Method. <i>Plasmonics</i> , 2019 , 14, 79-89	2.4	14

61	Computational procedure to an accurate DFT simulation to solid state systems. <i>Computational Materials Science</i> , 2019 , 170, 109176	3.2	7
60	Influence of Zn1-xCaxWO4 heterostructures synthesized by spray pyrolysis on photoluminescence property. <i>Ceramics International</i> , 2019 , 45, 23256-23264	5.1	9
59	Understanding the White-Emitting CaMoO4 Co-Doped Eu3+, Tb3+, and Tm3+ Phosphor through Experiment and Computation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 18536-18550	3.8	27
58	Synthesis, characterization, optical properties investigation and reusability photocatalyst capacity of AgCl-xGO composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 15214-15223	2.1	9
57	Influence of synthesis parameters on properties and characteristics of poly (urea-formaldehyde) microcapsules for self-healing applications. <i>Journal of Microencapsulation</i> , 2019 , 36, 410-419	3.4	4
56	Effect of the Eu3+ (x = 0, 1, 2 and 3 mol%) doped Zn2TiO4 and Zn2Ti1-xO4 obtained by complex polymerization method: photoluminescent and photocatalytic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20979-20988	2.1	2
55	Study of obtaining thin films of CeO2 doped with 2 and 4 mol% of europium, terbium and thulium by spin coating: photocatalytic properties. <i>Ceramica</i> , 2019 , 65, 515-522	1	1
54	Influence of doping with Sm3+ on photocatalytic reuse of ZnO thin films obtained by spin coating. <i>Revista Materia</i> , 2019 , 24,	0.8	1
53	Characterization and Photoluminescent, Photocatalytic and Antimicrobial Properties of Boron-Doped TiO2 Nanoparticles Obtained by Microwave-Assisted Solvothermal Method. <i>Journal of Electronic Materials</i> , 2019 , 48, 3145-3156	1.9	14
52	First principle investigation of the exposed surfaces and morphology of E-ZnMoO4. <i>Journal of Applied Physics</i> , 2019 , 126, 235301	2.5	10
51	Study of the photocatalysis and increase of antimicrobial properties of Fe3+and Pb2+ co-doped ZnO nanoparticles obtained by microwave-assisted hydrothermal method. <i>Materials Science in Semiconductor Processing</i> , 2019 , 93, 123-133	4.3	34
50	Photoluminescent and antimicrobial properties of silver-doped indium hydroxide synthesized by one-step microwave-assisted hydrothermal method. <i>International Journal of Applied Ceramic Technology</i> , 2019 , 16, 471-480	2	2
49	Influence of pH on the morphology and photocatalytic activity of CuO obtained by the sonochemical method using different surfactants. <i>Ceramics International</i> , 2019 , 45, 651-658	5.1	22
48	Influence Ca-doped SrIn2O4 powders on photoluminescence property prepared one step by ultrasonic spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2018 , 747, 1078-1087	5.7	10
47	Structure, morphology and photoluminescence emissions of ZnMoO4: RE 3+=Tb3+ - Tm3+ - X Eu3+ (x'= 1, 1.5, 2, 2.5 and 3 mol%) particles obtained by the sonochemical method. <i>Journal of Alloys and Compounds</i> , 2018 , 750, 55-70	5.7	26
46	Photocatalytic activity and photoluminescence properties of TiO2, In2O3, TiO2/In2O3 thin films multilayer. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 6530-6542	2.1	17
45	Synthesis and characterization of Y (In, Mn) O3 blue pigment using the complex polymerization method (CPM). <i>Ceramics International</i> , 2018 , 44, 11932-11939	5.1	13
44	White light emission from single-phase Y2MoO6: xPr3+ (x'= 1, 2, 3 and 4 mol%) phosphor. <i>Journal of Alloys and Compounds</i> , 2018 , 769, 420-429	5.7	11

43	The use of clinoptilolite as carrier of nitrogenized fertilizer with controlled release. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4171-4177	6.8	7
42	Photoluminescent properties of the Ba _{1-x} Zn _x MoO ₄ heterostructure obtained by ultrasonic spray pyrolysis. <i>Ceramics International</i> , 2018 , 44, 3775-3786	5.1	24
41	Experimental and theoretical study to explain the morphology of CaMoO ₄ crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 114, 141-152	3.9	31
40	Increase of antimicrobial and photocatalytic properties of silver-doped PbS obtained by sonochemical method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 19052-19062	2.1	12
39	Effects of MnO ₂ /In ₂ O ₃ thin films on photocatalytic degradation 17 alpha-ethynylestradiol and methylene blue in water. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 12278-12287	2.1	8
38	Photoluminescence properties of (Eu, Tb, Tm) co-doped PbMoO ₄ obtained by sonochemical synthesis. <i>Journal of Alloys and Compounds</i> , 2017 , 700, 130-137	5.7	22
37	Preparation and photocatalytic properties of hexagonal-shaped ZnO:Sm ³⁺ by microwave-assisted hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 7943-7950	2.1	6
36	Effect of Ag clusters doping on the photoluminescence, photocatalysis and magnetic properties of ZnO nanorods prepared by facile microwave-assisted hydrothermal synthesis. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11059-11069	2.1	3
35	Photoluminescence and photocatalytic properties of Ag/AgCl synthesized by sonochemistry: statistical experimental design. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 12273-12281	2.1	20
34	Evaluation of morphology and photoluminescent properties of PbMoO ₄ crystals by ultrasonic amplitude. <i>Journal of Materials Science</i> , 2017 , 52, 4608-4620	4.3	9
33	Effect of sintering parameters using the central composite design method, electronic structure and physical properties of yttria-partially stabilized ZrO ₂ commercial ceramics. <i>Materials Science-Poland</i> , 2017 , 35, 225-238	0.6	1
32	One-step synthesis of CaMoO ₄ : Eu ³⁺ nanospheres by ultrasonic spray pyrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16867-16879	2.1	18
31	Influence of reaction temperature, proportions of iron, cobalt and KOH on the CoFe ₂ O ₄ synthesis by hydrothermal method assisted by microwave heating. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 14402-14416	2.1	
30	Antimicrobial activity from polymeric composites-based polydimethylsiloxane/TiO ₂ /GO: evaluation of filler synthesis and surface morphology. <i>Polymer Bulletin</i> , 2017 , 74, 2379-2390	2.4	8
29	Photoluminescent properties of ZrO ₂ : Tm ³⁺ , Tb ³⁺ , Eu ³⁺ powders: A combined experimental and theoretical study. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 3094-3103	5.7	36
28	Influence of the Number of Layers and Crystallization Temperature on the Photocatalytic Activity of TiO ₂ / In ₂ O ₃ Thin Films. <i>Material Science & Engineering International Journal</i> , 2017 , 1,	1.4	1
27	Experimental statistic design applied for obtaining Zn:xCe by microwave-assisted hydrothermal method with photocatalytic property. <i>Journal of Advanced Ceramics</i> , 2016 , 5, 103-110	10.7	3
26	White photoluminescence emission from ZrO ₂ co-doped with Eu ³⁺ , Tb ³⁺ and Tm ³⁺ . <i>Journal of Alloys and Compounds</i> , 2016 , 674, 245-251	5.7	39

25	Enhancement of the photocatalytic activity and white emission of CaIn_2O_4 nanocrystals. <i>Journal of Alloys and Compounds</i> , 2016 , 658, 316-323	5.7	11
24	Optimizing the synthesis of cobalt aluminate pigment using fractional factorial design. <i>Ceramics International</i> , 2015 , 41, 699-706	5.1	25
23	Microstructural, structural and optical properties of nanoparticles of PbO-CrO_3 pigment synthesized by a soft route. <i>Ceramica</i> , 2015 , 61, 118-125	1	3
22	Influence of variables on the synthesis of CoFe_2O_4 pigment by the complex polymerization method. <i>Journal of Advanced Ceramics</i> , 2015 , 4, 135-141	10.7	15
21	Effect of different starting materials on the synthesis of $\text{Ba}_{0.8}\text{Ca}_{0.2}\text{TiO}_3$. <i>Journal of Advanced Ceramics</i> , 2015 , 4, 65-70	10.7	5
20	Simulation and design of a tuneable ferrite resonator antenna based on nanostructured nickel ferrite material. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 1618-1622	1.6	4
19	TiO_2/PDMS nanocomposites for use on self-cleaning surfaces. <i>Surface and Coatings Technology</i> , 2014 , 239, 16-19	4.4	42
18	Effect of calcium on the structural properties of $\text{Ba}_{(1-x)}\text{Ca}_x\text{TiO}_3$ particles synthesized by complex polymerization method. <i>Journal of Materials Science</i> , 2014 , 49, 2875-2878	4.3	12
17	Fast photocatalytic degradation of an organic dye and photoluminescent properties of Zn doped $\text{In}(\text{OH})_3$ obtained by the microwave-assisted hydrothermal method. <i>Materials Science in Semiconductor Processing</i> , 2014 , 27, 1036-1041	4.3	5
16	Effect of polyvinyl alcohol on the shape, photoluminescence and photocatalytic properties of PbMoO_4 microcrystals. <i>Materials Science in Semiconductor Processing</i> , 2014 , 26, 425-430	4.3	20
15	Optical characterization of europium-doped indium hydroxide nanocubes obtained by Microwave-Assisted Hydrothermal method. <i>Materials Research</i> , 2014 , 17, 933-939	1.5	3
14	Microwave-assisted hydrothermal synthesis of magnetite nanoparticles with potential use as anode in lithium ion batteries. <i>Materials Research</i> , 2014 , 17, 1065-1070	1.5	11
13	Rapid calcination of ferrite $\text{Ni}_{0.75}\text{Zn}_{0.25}\text{Fe}_2\text{O}_4$ by microwave energy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 118, 277-285	4.1	3
12	Freezing Distortions and Photoluminescence Property in PbMoO_4 Micro- Octahedrons: An Experimental and Theoretical Study. <i>Current Physical Chemistry</i> , 2014 , 4, 4-14	0.5	2
11	Structural refinement, growth mechanism, infrared/Raman spectroscopies and photoluminescence properties of PbMoO_4 crystals. <i>Polyhedron</i> , 2013 , 50, 532-545	2.7	57
10	Preparation and photoluminescence characteristics of $\text{In}(\text{OH})_3:\text{Tb}^{3+}$ obtained by Microwave-Assisted Hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2013 , 553, 338-342	5.7	31
9	Toward Understanding the Photocatalytic Activity of PbMoO_4 Powders with Predominant (111), (100), (011), and (110) Facets. A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 21382-21395	3.8	69
8	Morphology and Blue Photoluminescence Emission of PbMoO_4 Processed in Conventional Hydrothermal. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 5812-5822	3.8	156

7	Electrochemical evaluation of CuFe ₂ O ₄ samples obtained by sol-gel methods used as anodes in lithium batteries. <i>Journal of Solid State Electrochemistry</i> , 2008 , 12, 729-737	2.6	77
6	(⁵⁷ Fe) Mössbauer spectroscopy and electron microscopy study of metal extraction from CuFe ₂ O ₄ electrodes in lithium cells. <i>ChemPhysChem</i> , 2007 , 8, 1999-2007	3.2	46
5	Nonohmic behavior of SnO ₂ -MnO polycrystalline ceramics. II. Analysis of admittance and dielectric spectroscopy. <i>Journal of Applied Physics</i> , 2004 , 96, 3811-3817	2.5	25
4	Nonlinear behavior of TiO ₂ -Ta ₂ O ₅ -MnO ₂ material doped with BaO and Bi ₂ O ₃ . <i>Materials Chemistry and Physics</i> , 2004 , 85, 96-103	4.4	14
3	Effect of atmosphere on the electrical properties of TiO ₂ -SnO ₂ varistor systems. <i>Journal of Materials Science: Materials in Electronics</i> , 2004 , 15, 665-669	2.1	12
2	Nanofitas de óxido de estanho: controle do estado de oxidação pela atmosfera de síntese. <i>Ceramica</i> , 2004 , 50, 58-61	1	
1	Efeito do Pr ₂ O ₃ nas propriedades elétricas de varistores à base de SnO ₂ . <i>Ceramica</i> , 2003 , 49, 232-236	1	1