List of Publications by Year in descending order

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		17440	34984
424	14,912	63	98
papers	citations	h-index	g-index
432	432	432	14061
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	A UV-visible-NIR active smart photocatalytic system based on NaYbF ₄ :Tm ³⁺ upconverting particles and Ag ₃ PO ₄ /H ₂ O ₂ for photocatalytic processes under light on/light off conditions. Materials Advances, 2022, 3, 2706-2715.	5.4	3
2	Low-cost bacterial nanocellulose-based interdigitated biosensor to detect the p53 cancer biomarker. Materials Science and Engineering C, 2022, 134, 112676.	7.3	15
3	Sustainable Smart Tags with Twoâ€6tep Verification for Anticounterfeiting Triggered by the Photothermal Response of Upconverting Nanoparticles. Advanced Photonics Research, 2022, 3, .	3.6	9
4	Fabrication of Noncytotoxic Functional Siloxane-Coated Bacterial Cellulose Nanocrystals. ACS Applied Polymer Materials, 2022, 4, 2306-2313.	4.4	4
5	Renewable energy for a green future: Electricity produced from efficient luminescent solar concentrators. Solar Energy Advances, 2022, 2, 100013.	3.0	9
6	Flexible bacterial cellulose-based BC-SiO2-TiO2-Ag membranes with self-cleaning, photocatalytic, antibacterial and UV-shielding properties as a potential multifunctional material for combating infections and environmental applications. Journal of Environmental Chemical Engineering, 2021, 9, 104708.	6.7	41
7	Thermally stable SiO ₂ @TiO ₂ core@shell nanoparticles for application in photocatalytic self-cleaning ceramic tiles. Materials Advances, 2021, 2, 2085-2096.	5.4	27
8	Modification of Bacterial Cellulose Membrane with 1,4-Bis(triethoxysilyl)benzene: A Thorough Physical–Chemical Characterization Study. Journal of Physical Chemistry C, 2021, 125, 4498-4508.	3.1	4
9	Bacterial cellulose growth on 3D acrylate-based microstructures fabricated by two-photon polymerization. JPhys Photonics, 2021, 3, 024003.	4.6	2
10	Monolayer of silica nanospheres assembled onto ITO-coated glass substrates by spin-coating. Nanotechnology, 2021, 32, 205603.	2.6	2
11	Cellulose Based Photonic Materials Displaying Direction Modulated Photoluminescence. Frontiers in Bioengineering and Biotechnology, 2021, 9, 617328.	4.1	3
12	Self-Supported Smart Bacterial Nanocellulose–Phosphotungstic Acid Nanocomposites for Photochromic Applications. Frontiers in Materials, 2021, 8, .	2.4	11
13	Role of nanostructure in the behaviour of BiVO4–TiO2 nanotube photoanodes for solar water splitting in relation to operational conditions. Solar Energy Materials and Solar Cells, 2021, 223, 110980.	6.2	4
14	Perovskite Quantum Dot Solar Cells: An Overview of the Current Advances and Future Perspectives. Solar Rrl, 2021, 5, 2100205.	5.8	12
15	Going Above and Beyond: A Tenfold Gain in the Performance of Luminescence Thermometers Joining Multiparametric Sensing and Multiple Regression. Laser and Photonics Reviews, 2021, 15, 2100301.	8.7	41
16	Enhanced photocatalytic activity of silver vanadate nanobelts in concentrated sunlight delivered through optical fiber bundle coupled with solar concentrator. SN Applied Sciences, 2020, 2, 1.	2.9	12
17	Direct Femtosecond Laser Printing of Silk Fibroin Microstructures. ACS Applied Materials & Interfaces, 2020, 12, 50033-50038.	8.0	12
18	Erbium Singleâ€Band Nanothermometry in the Third Biological Imaging Window: Potential and Limitations. Advanced Optical Materials, 2020, 8, 2001178.	7.3	48

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19	Embedding CoPt magnetic nanoparticles within a phosphate glass matrix. Journal of Alloys and Compounds, 2020, 848, 156576.	5.5	5
20	PDMS-urethanesil hybrid multifunctional materials: combining CO2 use and sol–gel processing. Journal of Sol-Gel Science and Technology, 2020, 95, 693-709.	2.4	6
21	Bacterial Nanocellulose/MoS ₂ Hybrid Aerogels as Bifunctional Adsorbent/Photocatalyst Membranes for <i>in-Flow</i> Water Decontamination. ACS Applied Materials & Interfaces, 2020, 12, 41627-41643.	8.0	92
22	Enhanced photoactivity of BiVO4/Ag/Ag2O Z-scheme photocatalyst for efficient environmental remediation under natural sunlight and low-cost LED illumination. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124946.	4.7	41
23	A review on polyphosphate coacervates—structural properties and bioapplications. Journal of Sol-Gel Science and Technology, 2020, 94, 531-543.	2.4	11
24	Detection of factor VIII and D-dimer biomarkers for venous thromboembolism diagnosis using electrochemistry immunosensor. Talanta, 2020, 219, 121241.	5.5	8
25	Ultrasound-assisted synthesis of organotin compounds and their application as luminescent dye in silk fibroin scaffolds. Inorganica Chimica Acta, 2020, 505, 119490.	2.4	10
26	Donald R. Ulrich Award 2019. Journal of Sol-Gel Science and Technology, 2020, 95, 503-503.	2.4	0
27	Microbial nanocellulose adherent to human skin used in electrochemical sensors to detect metal ions and biomarkers in sweat. Talanta, 2020, 218, 121153.	5.5	76
28	Bacterial cellulose–SiO2@TiO2 organic–inorganic hybrid membranes with self-cleaning properties. Journal of Sol-Gel Science and Technology, 2019, 89, 2-11.	2.4	16
29	Ion-Pair Complexes of Pyrylium and Tetraarylborate as New Host–Guest Dyes: Photoinduced Electron Transfer Promoting Radical Polymerization. Journal of Physical Chemistry A, 2019, 123, 7374-7383.	2.5	7
30	Development, characterization and pre-clinical trials of an innovative wound healing dressing based on propolis (EPP-AF®)-containing self-microemulsifying formulation incorporated in biocellulose membranes. International Journal of Biological Macromolecules, 2019, 136, 570-578.	7.5	31
31	Photoluminescence of Ag+ and Agn+m in co-doped Pr3+/Yb3+ fluorophosphate glasses: tuning visible emission and energy transfer to Pr3+/Yb3+ ions through excitation in different silver species. Journal of Materials Science: Materials in Electronics, 2019, 30, 16878-16885.	2.2	6
32	Formation and optical properties of new glasses within Sb2O3–WO3–ZnO ternary system. Journal of Materials Science: Materials in Electronics, 2019, 30, 16798-16805.	2.2	7
33	Femtosecond direct laser writing of silk fibroin optical waveguides. Journal of Materials Science: Materials in Electronics, 2019, 30, 16843-16848.	2.2	13
34	Solvent-controlled deposition of titania on silica spheres for the preparation of SiO2@TiO2 core@shell nanoparticles with enhanced photocatalytic activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 570, 293-305.	4.7	54
35	Precisely tailored shell thickness and Ln ³⁺ content to produce multicolor emission from Nd ³⁺ -sensitized Gd ³⁺ -based core/shell/shell UCNPs through bi-directional energy transfer. Nanoscale Advances, 2019, 1, 1936-1947.	4.6	9
36	Luminescent Mesoporous Silica Nanohybrid Based on Drug Derivative Terbium Complex. Materials, 2019, 12, 933.	2.9	12

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37	Phosphotellurite glass and glass-ceramics with high TeO ₂ contents: thermal, structural and optical properties. Dalton Transactions, 2019, 48, 6261-6272.	3.3	26
38	Transparent bacterial cellulose nanocomposites used as substrate for organic light-emitting diodes. Journal of Materials Science: Materials in Electronics, 2019, 30, 16718-16723.	2.2	21
39	Photonic materials displaying direction modulated photoluminescence. , 2019, , .		0
40	Biopolymer-Metal Composites. , 2019, , 261-301.		0
41	Effect of silica coating on the catalytic activity of maghemite nanoparticles impregnated into mesoporous silica matrix. Materials Chemistry and Physics, 2019, 225, 145-152.	4.0	7
42	Inorganic-organic bio-nanocomposite films based on Laponite and Cellulose Nanofibers (CNF). Applied Clay Science, 2019, 168, 428-435.	5.2	39
43	Sustainable Liquid Luminescent Solar Concentrators. Advanced Sustainable Systems, 2019, 3, 1800134.	5.3	30
44	Study of the energy transfer process in rare earth-doped silk fibroin for future application in luminescent compounds. Journal of Luminescence, 2019, 205, 423-428.	3.1	10
45	Magnetic Resonance and Conductivity Study of Lead–Cadmium Fluorosilicate Glasses and Glass-Ceramics. Journal of Physical Chemistry C, 2018, 122, 6288-6297.	3.1	2
46	Sustainable luminescent solar concentrators based on organic–inorganic hybrids modified with chlorophyll. Journal of Materials Chemistry A, 2018, 6, 8712-8723.	10.3	38
47	Up-conversion mechanisms in Er3+-doped fluoroindate glasses under 1550â€⁻nm excitation for enhancing photocurrent of crystalline silicon solar cell. Journal of Luminescence, 2018, 200, 260-264.	3.1	17
48	Three-dimensional printing and in vitro evaluation of poly(3-hydroxybutyrate) scaffolds functionalized with osteogenic growth peptide for tissue engineering. Materials Science and Engineering C, 2018, 89, 265-273.	7.3	76
49	Silk fibroin as a biotemplate for hierarchical porous silica monoliths for random laser applications. Journal of Materials Chemistry C, 2018, 6, 2712-2723.	5.5	30
50	Biopolymer-based membranes associated with osteogenic growth peptide for guided bone regeneration. Biomedical Materials (Bristol), 2018, 13, 035009.	3.3	18
51	Luminescent Eu3+ doped Al6Ge2O13 crystalline compounds obtained by the sol gel process for photonics. Optical Materials, 2018, 75, 297-303.	3.6	11
52	Mueller matrix spectroscopic ellipsometry study of chiral nanocrystalline cellulose films. Journal of Optics (United Kingdom), 2018, 20, 024001.	2.2	31
53	Enhanced NIR-I emission from water-dispersible NIR-II dye-sensitized core/active shell upconverting nanoparticles. Journal of Materials Chemistry C, 2018, 6, 4777-4785.	5.5	31
54	Effect of in situ modification of bacterial cellulose with carboxymethylcellulose on its nano/microstructure and methotrexate release properties. Carbohydrate Polymers, 2018, 179, 126-134.	10.2	87

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55	Hydrothermal synthesis of bacterial cellulose–copper oxide nanocomposites and evaluation of their antimicrobial activity. Carbohydrate Polymers, 2018, 179, 341-349.	10.2	94
56	Eu(<scp>iii</scp>)-coordination polymer sub-micron fibers: material for selective and sensitive detection of Cu ²⁺ ions <i>via</i> competition between photoinduced electron transfer and energy transfer. Journal of Materials Chemistry C, 2018, 6, 153-161.	5.5	11
57	N-(2-Hydroxy)-propyl-3-trimethylammonium, O-Mysristoyl Chitosan Enhances the Solubility and Intestinal Permeability of Anticancer Curcumin. Pharmaceutics, 2018, 10, 245.	4.5	19
58	New organic-inorganic hybrid composites based on cellulose nanofibers and modified Laponite. Advanced Optical Technologies, 2018, 7, 327-334.	1.7	4
59	Polymerization Rate Modulated by Tetraarylborate Anion Structure: Direct Correlation of Hammett Substituent Constant with Polymerization Kinetics of 2-Hydroxyethyl Methacrylate. Macromolecules, 2018, 51, 7905-7913.	4.8	10
60	Direct Femtosecond Laser Printing of PPV on Bacterial Celluloseâ€Based Paper for Flexible Organic Devices. Macromolecular Materials and Engineering, 2018, 303, 1800265.	3.6	5
61	A new SERS substrate based on niobium lead-pyrophosphate glasses obtained by Ag+/Na+ ion exchange. Sensors and Actuators B: Chemical, 2018, 277, 347-352.	7.8	13
62	SiO2-TiO2 doped with Er3+/Yb3+/Eu3+ photoluminescent material: A spectroscopy and structural study about potential application for improvement of the efficiency on solar cells. Materials Research Bulletin, 2018, 107, 295-307.	5.2	31
63	Largeâ€Area Tunable Visibleâ€toâ€Nearâ€Infrared Luminescent Solar Concentrators. Advanced Sustainable Systems, 2018, 2, 1800002.	5.3	32
64	Komagataeibacter rhaeticus grown in sugarcane molasses-supplemented culture medium as a strategy for enhancing bacterial cellulose production. Industrial Crops and Products, 2018, 122, 637-646.	5.2	74
65	Multifunctional organic–inorganic hybrids based on cellulose acetate and 3-glycidoxypropyltrimethoxysilane. Journal of Sol-Gel Science and Technology, 2017, 81, 114-126.	2.4	12
66	Optimized Synthesis of Silver Nanoparticles by Factorial Design with Application for the Determination of Melamine in Milk. Analytical Letters, 2017, 50, 829-841.	1.8	16
67	A portable luminescent thermometer based on green up-conversion emission of Er3+/Yb3+ co-doped tellurite glass. Scientific Reports, 2017, 7, 41596.	3.3	138
68	Photochromic dynamics of organic–inorganic hybrids supported on transparent and flexible recycled PET. Optical Materials, 2017, 66, 297-301.	3.6	14
69	UV and Temperature-Sensing Based on NaGdF ₄ :Yb ³⁺ :Er ³⁺ @SiO ₂ –Eu(tta) ₃ . ACS Omega, 2017, 2, 2065-2071.	3.5	50
70	Nanocellulose-collagen-apatite composite associated with osteogenic growth peptide for bone regeneration. International Journal of Biological Macromolecules, 2017, 103, 467-476.	7.5	64
71	Development and characterization of bacterial cellulose produced by cashew tree residues as alternative carbon source. Industrial Crops and Products, 2017, 107, 13-19.	5.2	87
72	Microwave-assisted synthesis of NaYF ₄ :Yb ³⁺ /Tm ³⁺ upconversion particles with tailored morphology and phase for the design of UV/NIR-active NaYF ₄ :Yb ³⁺ /Tm ³⁺ @TiO ₂ core@shell photocatalysts. CrystEngComm, 2017, 19, 3465-3475.	2.6	35

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73	Low energy X-ray grating interferometry at the Brazilian Synchrotron. Optics Communications, 2017, 393, 195-198.	2.1	3
74	Optical sensor platform based on cellulose nanocrystals (CNC) – 4′-(hexyloxy)-4-biphenylcarbonitrile (HOBC) bi-phase nematic liquid crystal composite films. Carbohydrate Polymers, 2017, 168, 346-355.	10.2	26
75	Structural and optical study of glasses in the TeO2-GeO2-PbF2 ternary system. Journal of Non-Crystalline Solids, 2017, 463, 158-162.	3.1	9
76	Optical and structural properties of neodymium-doped KPO3-MoO3 glasses. Journal of Non-Crystalline Solids, 2017, 458, 65-68.	3.1	11
77	Synthesis and factorial design applied to a novel chitosan/sodium polyphosphate nanoparticles via ionotropic gelation as an RGD delivery system. Carbohydrate Polymers, 2017, 157, 1695-1702.	10.2	40
78	Fabrication of Biocompatible, Functional, and Transparent Hybrid Films Based on Silk Fibroin and Epoxy Silane for Biophotonics. ACS Applied Materials & Interfaces, 2017, 9, 27905-27917.	8.0	18
79	Upconversion nanoparticle-decorated gold nanoshells for near-infrared induced heating and thermometry. Journal of Materials Chemistry B, 2017, 5, 7109-7117.	5.8	35
80	Hybrid composite material based on polythiophene derivative nanofibers modified with gold nanoparticles for optoelectronics applications. Journal of Materials Science, 2017, 52, 1919-1929.	3.7	38
81	Silk fibroin organization induced by chitosan in layer-by-layer films: Application as a matrix in a biosensor. Carbohydrate Polymers, 2017, 155, 146-151.	10.2	27
82	Hybrid layer-by-layer (LbL) films of polyaniline, graphene oxide and zinc oxide to detect ammonia. Sensors and Actuators B: Chemical, 2017, 238, 795-801.	7.8	81
83	Development of coverage and its evaluation in the treatment of chronic wounds. Investigacion Y Educacion En Enfermeria, 2017, 35, 330-339.	0.8	5
84	Photoluminescence and Structural Analysis of Er3+/Yb3+/Tm3+ Triply Doped Gd2O3. Revista Virtual De Quimica, 2017, 9, 2257-2271.	0.4	1
85	Characterization of Thin Carbon Films Produced by the Magnetron Sputtering Technique. Materials Research, 2016, 19, 669-672.	1.3	15
86	Facile Synthesis of Tellurium Nanowires and Study of Their Third-Order Nonlinear Optical Properties. Journal of the Brazilian Chemical Society, 2016, , .	0.6	11
87	Bacterial Cellulose Membranes as a Potential Drug Delivery System for Photodynamic Therapy of Skin Cancer. Journal of the Brazilian Chemical Society, 2016, , .	0.6	5
88	Bacterial Cellulose/Collagen Hydrogel for Wound Healing. Materials Research, 2016, 19, 106-116.	1.3	108
89	Whiteâ€Light and Yellow/Blue Photoluminescence Emission Based on Dy ³⁺ â€Doped SiO ₂ –Gd ₂ O ₃ Composites. Journal of the American Ceramic Society, 2016, 99, 3025-3032.	3.8	3
90	Scale up the collection area of luminescent solar concentrators towards metreâ€length flexible waveguiding photovoltaics. Progress in Photovoltaics: Research and Applications, 2016, 24, 1178-1193.	8.1	51

ARTICLE IF CITATIONS Construction of a series of rare earth metal-organic frameworks supported by thiophenedicarboxylate linker: Synthesis, characterization, crystal structures and near-infrared/visible luminescence. Inorganica Chimica Acta, 2016, 451, 41-51. Preparation, Structural Characterization, and Electrical Conductivity of Highly Ion-Conducting Glasses and Glass Ceramics in the System 92 Li_{1+<i>x</i>}Al_{<i>x</i>}Sn_{<i>y</i>}Ge_{2-(x+y)}(PO₄)³/₅¹/₄b>3</sub>. Journal of Physical Chemistry C, 2016, 120, 14556-14567. 93 Bifunctional silica nanoparticles for the exploration of Pseudomonas aeruginosa biofilm., 2016, , . DETC-based bacterial cellulose bio-curatives for topical treatment of cutaneous leishmaniasis. 94 3.3 34 Scientific Reports, 2016, 6, 38330. Preparation and structural characterization of sodium polyphosphate coacervate as a precursor for 4.0 optical materials. Materials Chemistry and Physics, 2016, 180, 114-121. Immunosensor for diagnosis of Alzheimer disease using amyloid-l̂² 1–40 peptide and silk fibroin thin films. Materials Science and Engineering C, 2016, 68, 338-342. 96 7.3 13 Highly nonlinear Pb2P2O7-Nb2O5 glasses for optical fiber production. Journal of Non-Crystalline 29 3.1 Solids, 2016, 443, 82-90. Visible up-conversion and near-infrared luminescence of Er3+/Yb3+ co-doped SbPO4-GeO2 glasses. 98 3.6 20 Optical Materials, 2016, 57, 71-78. Structural, electronic and photoluminescence properties of Eu3+-doped CaYAIO4 obtained by using 3.6 citric acid complexes as precursors. Optical Materials, 2016, 57, 45-55. Structural investigation of nickel polyphosphate coacervate glass–ceramics. RSC Advances, 2016, 6, 100 3.6 11 91150-91156. Concentration dependence of the infrared photoluminescence of Pr3+in fluoroindate glasses., 2016,, Thermal, structural and optical properties of new TeO2Sb2O3GeO2 ternary glasses. Optical Materials, 102 3.6 11 2016, 62, 95-103. Facile Synthesis of Sub-20 nm Silver Nanowires through a Bromide-Mediated Polyol Method. ACS Nano, 14.6 2016, 10, 7892-7900. Multifunctional EuYVO 4 nanoparticles coated with mesoporous silica. Journal of Luminescence, 2016, 104 3.16 179, 197-202. A multipurpose natural and renewable polymer in medical applications: Bacterial cellulose. Carbohydrate Polymers, 2016, 153, 406-420. Bifunctional Magnetic Luminescent Particles Based on Iron Oxide Nanoparticles Grafted with a 106 1.5 3 Europium Silylated Bypiridine Tris(βâ€diketonate) Complex. ChemistrySelect, 2016, 1, 5923-5928. Structural properties and visible emission of Eu3+-activated SiO2â€"ZnOâ€"TiO2 powders prepared by a 3.6 soft chemical process. Optical Materials, 2016, 62, 438-446.

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108Broadened band C-telecom and intense upconversion emission of Er3+/Yb3+ co-doped CaYAlO4
luminescent material obtained by an easy route. Journal of Luminescence, 2016, 178, 226-233.3.1

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109	Komagataeibacter rhaeticus as an alternative bacteria for cellulose production. Carbohydrate Polymers, 2016, 152, 841-849.	10.2	54
110	Photoluminescence and nonlinear optical phenomena in plasmonic random media—A review of recent works. Journal of Luminescence, 2016, 169, 492-496.	3.1	13
111	Energy transfer process in highly photoluminescent binuclear hydrocinnamate of europium, terbium and gadolinium containing 1,10-phenanthroline as ancillary ligand. Inorganica Chimica Acta, 2016, 441, 67-77.	2.4	40
112	Luminescent multifunctional hybrids obtained by grafting of ruthenium complexes on mesoporous silica. Materials Letters, 2016, 174, 1-5.	2.6	6
113	Switchable photoluminescence liquid crystal coated bacterial cellulose films with conductive response. Carbohydrate Polymers, 2016, 143, 188-197.	10.2	11
114	Regenerated cellulose scaffolds: Preparation, characterization and toxicological evaluation. Carbohydrate Polymers, 2016, 136, 892-898.	10.2	29
115	Silk fibroin-antigenic peptides-YVO 4 :Eu 3+ nanostructured thin films as sensors for hepatitis C. Journal of Luminescence, 2016, 170, 375-379.	3.1	15
116	Near infrared emission and multicolor tunability of enhanced upconversion emission from Er 3+ –Yb 3+ co-doped Nb 2 O 5 nanocrystals embedded in silica-based nanocomposite and planar waveguides for photonics. Journal of Luminescence, 2016, 170, 431-443.	3.1	24
117	NIR luminescence from erbium doped (100â^' x)SiO 2 : x ZnO powders obtained by soft chemical synthesis. Journal of Luminescence, 2016, 170, 663-670.	3.1	3
118	GLASSY MATERIALS AND LIGHT: PART 1. Quimica Nova, 2016, , .	0.3	0
119	GLASSY MATERIALS AND LIGHT: PART 2. Quimica Nova, 2016, , .	0.3	0
120	Thermal, Structural, and Crystallization Properties of New Tantalum Alkaliâ€Germanate Glasses. Journal of the American Ceramic Society, 2015, 98, 2086-2093.	3.8	19
121	Bacterial cellulose-hydroxyapatite composites with osteogenic growth peptide (OGP) or pentapeptide OGP on bone regeneration in critical-size calvarial defect model. Journal of Biomedical Materials Research - Part A, 2015, 103, 3397-3406.	4.0	57
122	Tailoring the Structure and Luminescence of Nanostructured Er ³⁺ and Er ³⁺ /Yb ³⁺ â€Activated Hafniaâ€Based Systems. Journal of the American Ceramic Society, 2015, 98, 3136-3144.	3.8	3
123	Biodegradation evaluation of bacterial cellulose, vegetable cellulose and poly (3-hydroxybutyrate) in soil. Polimeros, 2015, 25, 154-160.	0.7	28
124	Synthesis and Characterization of Methylcellulose Produced from Bacterial Cellulose under Heterogeneous Condition. Journal of the Brazilian Chemical Society, 2015, , .	0.6	31
125	CELLULOSE NANOCRYSTALS FROM BACTERIAL CELLULOSE. Quimica Nova, 2015, , .	0.3	7
126	Near Infrared Emission at 1000 nm from Nanostructured Pr3+/Yb3+Co-doped SiO2-Nb2O5for Solar Cell Application. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0

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127	Simple and cost-effective method to obtain RE3+-doped Al2O3 for possible photonic applications. Ceramics International, 2015, 41, 10406-10414.	4.8	3
128	Characterization and Application of Nanostructured Films Containing Au and TiO ₂ Nanoparticles Supported in Bacterial Cellulose. Journal of Physical Chemistry C, 2015, 119, 340-349.	3.1	20
129	Structural and optical properties of Er3+ doped SiO2–Al2O3–GeO2 compounds prepared by a simple route. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 194, 21-26.	3.5	14
130	Nano- and Macroscale Structural and Mechanical Properties of in Situ Synthesized Bacterial Cellulose/PEO- <i>b</i> -PEO- <i>b</i> -PEO Biocomposites. ACS Applied Materials & Interfaces, 2015, 7, 4142-4150.	8.0	36
131	Orange pectin mediated growth and stability of aqueous gold and silver nanocolloids. Applied Surface Science, 2015, 341, 28-36.	6.1	32
132	Zirconium-methacrylate oxoclusters as new hybrid materials for the modification of epoxy systems. Journal of Materials Science, 2015, 50, 2903-2913.	3.7	5
133	Photoluminescent and structural properties of ZnO containing Eu3+ using PEG as precursor. Journal of Luminescence, 2015, 167, 197-203.	3.1	6
134	PWA-diureasils organic–inorganic hybrids. Photochromism and effect of the organic chain length. Optical Materials, 2015, 46, 64-69.	3.6	6
135	Enhanced photochromic response of ormosil–phosphotungstate nanocomposite coatings doped with TiO2 nanoparticles. Journal of Sol-Gel Science and Technology, 2015, 76, 386-394.	2.4	10
136	Synthesis, characterization and evaluation of scintillation properties of Eu3+-doped Gd2O3 obtained using PEG as precursor. Journal of Alloys and Compounds, 2015, 648, 467-473.	5.5	12
137	Color tunability in green, red and infra-red upconversion emission in Tm3+/Yb3+/Ho3+ co-doped CeO2 with potential application for improvement of efficiency in solar cells. Journal of Luminescence, 2015, 159, 223-228.	3.1	29
138	Third-order nonlinearities and other properties of molybdenum lead-pyrophosphate glass. Optical Materials, 2015, 42, 298-302.	3.6	3
139	Synthesis, structural characterization, luminescent properties and theoretical study of three novel lanthanide metal-organic frameworks of Ho(III), Gd(III) and Eu(III) with 2,5-thiophenedicarboxylate anion. Journal of Solid State Chemistry, 2015, 227, 68-78.	2.9	33
140	Preparation and characterization of a bacterial cellulose/silk fibroin sponge scaffold for tissue regeneration. Carbohydrate Polymers, 2015, 128, 41-51.	10.2	185
141	Biocellulose-based flexible magnetic paper. Journal of Applied Physics, 2015, 117, 17B734.	2.5	24
142	Transparent organic–inorganic nanocomposites membranes based on carboxymethylcellulose and synthetic clay. Industrial Crops and Products, 2015, 69, 415-423.	5.2	27
143	Effect of lead fluoride incorporation on the structure and luminescence properties of tungsten sodium phosphate glasses. Optical Materials, 2015, 49, 249-254.	3.6	12
144	Luminescence properties of Eu-complex formations into ordered mesoporous silica particles obtained by the spray pyrolysis process. Nanotechnology, 2015, 26, 335604.	2.6	22

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145	Preparation and Characterization of Chitosan Nanoparticles for Zidovudine Nasal Delivery. Journal of Nanoscience and Nanotechnology, 2015, 15, 865-874.	0.9	53
146	Eu3+-doped SiO2–Gd2O3 prepared by the sol–gel process: structural and optical properties. Journal of Sol-Gel Science and Technology, 2015, 76, 260-270.	2.4	16
147	Transparent composites prepared from bacterial cellulose and castor oil based polyurethane as substrates for flexible OLEDs. Journal of Materials Chemistry C, 2015, 3, 11581-11588.	5.5	78
148	Laser irradiation and thermal treatment inducing selective crystallization in Sb2O3–Sb2S3 glassy films. Physica B: Condensed Matter, 2015, 458, 67-72.	2.7	4
149	Spherical-shaped Y2O3:Eu3+ nanoparticles with intense photoluminescence emission. Ceramics International, 2015, 41, 1189-1195.	4.8	14
150	Upconversion and infrared emission of Er3+/Yb3+ co-doped SiO2-Gd2O3 obtained by sol-gel process. Processing and Application of Ceramics, 2015, 9, 23-31.	0.8	10
151	Enhancement of Optical Absorption, Photoluminescence and Raman Transitions in Bi2O3-GeO2Glasses with Embedded Silver Nanoparticles. Journal of the Brazilian Chemical Society, 2015, , .	0.6	3
152	NIR Luminescence from Sol-Gel Er3+Doped SiO2:GeO2Transparent Gels, Nanostructured Powders and Thin Films for Photonic Applications. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
153	Shedding Light on Chemistry. Journal of the Brazilian Chemical Society, 2015, , .	0.6	Ο
154	New Flexible and Transparent Solution-Based Germanium-Sulfide Polymeric Materials. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
155	Luminescent Terbium Doped Aluminate Particles: Properties and Surface Modification with Asparagine. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
156	Mechanical, thermal, and barrier properties of methylcellulose/cellulose nanocrystals nanocomposites. Polimeros, 2014, 24, 683-688.	0.7	22
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