

# Clenilton C Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

602  
citations

686830

13  
h-index

642321

23  
g-index

38  
all docs

38  
docs citations

38  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman investigations of rare earth orthovanadates. <i>Journal of Applied Physics</i> , 2007, 101, 053511.	1.1	77
2	Spectroscopic properties of Er <sup>3+</sup> -doped lead phosphate glasses for photonic application. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 025102.	1.3	70
3	Graphene quantum dots unraveling: Green synthesis, characterization, radiolabeling with <sup>99m</sup> Tc, in vivo behavior and mutagenicity. <i>Materials Science and Engineering C</i> , 2019, 102, 405-414.	3.8	43
4	Synthesis and photocatalytic investigation of ZnFe <sub>2</sub> O <sub>4</sub> in the degradation of organic dyes under visible light. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15001-15015.	2.6	41
5	Functionalized Multiwalled Carbon Nanotube Electrochemical Sensor for Determination of Anticancer Drug Flutamide. <i>Journal of Electronic Materials</i> , 2017, 46, 5619-5628.	1.0	32
6	The role of TiO <sub>2</sub> in the B <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-PbO-Al <sub>2</sub> O <sub>3</sub> glass system. <i>Journal of Solid State Chemistry</i> , 2011, 184, 3062-3065.	1.4	29
7	Temperature-dependent phonon dynamics of supported and suspended monolayer tungsten diselenide. <i>AIP Advances</i> , 2019, 9, .	0.6	27
8	Influence of BaX <sub>2</sub> (X = Cl, F) and Er <sub>2</sub> O <sub>3</sub> concentration on the physical and optical properties of barium borate glasses. <i>Physica B: Condensed Matter</i> , 2019, 558, 146-153.	1.3	26
9	Phonon spectra of CBN crystals. <i>Vibrational Spectroscopy</i> , 2012, 58, 74-78.	1.2	20
10	Adhesives Doped with Bioactive Niobophosphate Micro-Filler: Degree of Conversion and Microtensile Bond Strength. <i>Brazilian Dental Journal</i> , 2016, 27, 705-711.	0.5	18
11	Highly sensitive photoelectrochemical immunosensor based on anatase/rutile TiO <sub>2</sub> and Bi <sub>2</sub> S <sub>3</sub> for the zero-biased detection of PSA. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1801-1809.	1.2	16
12	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 230.	1.8	16
13	Graphene quantum dots nanoparticles changed the rheological properties of hydrophilic gels (carbopol). <i>Journal of Molecular Liquids</i> , 2019, 287, 110949.	2.3	14
14	Phonons in isostructural (Nd,Yb):Y Gd <sup>3+</sup> (VO <sub>4</sub> ) laser crystals: A Raman scattering study. <i>Journal of Solid State Chemistry</i> , 2011, 184, 905-910.	1.4	12
15	Radioactive gold nanocluster (198-AuNCs) showed inhibitory effects on cancer cells lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1214-1221.	1.9	12
16	Preliminary studies on drug delivery of polymeric primaquine microparticles using the liver high uptake effect based on size of particles to improve malaria treatment. <i>Materials Science and Engineering C</i> , 2021, 128, 112275.	3.8	12
17	Third-order nonlinearity of Er <sup>3+</sup> -doped lead phosphate glass. <i>Applied Physics B: Lasers and Optics</i> , 2010, 99, 559-563.	1.1	11
18	Thermal lens study of thermo-optical properties and concentration quenching of Er <sup>3+</sup> -doped lead pyrophosphate-based glasses. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	11

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19	Structural and optical properties of $60\text{B}_2\text{O}_3\text{--}(20\text{--}x)\text{Na}_2\text{O}\text{--}10\text{PbO}\text{--}10\text{Al}_2\text{O}_3\text{:xTiO}_2\text{:yNd}_2\text{O}_3$ glasses. <i>Optical Materials</i> , 2013, 35, 2544-2550.	1.7	11
20	Raman investigations of rare-earth arsenate single crystals. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 694-697.	1.2	10
21	Structural, vibrational and thermal studies on bis(l-glutaminato)copper(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 603-613.	2.0	10
22	Varistor behavior in a ternary system based on $\text{SnO}_2$ doped with a hexavalent donor: $\text{SnO}_2\text{-MnO}_2\text{-WO}_3$ . <i>Journal of Alloys and Compounds</i> , 2019, 811, 151538.	2.8	10
23	Spin-phonon coupling in monoclinic $\text{BiCrO}_3$ . <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	10
24	Low-temperature Raman spectra of $\text{YbVO}_4$ . <i>Vibrational Spectroscopy</i> , 2007, 45, 95-98.	1.2	9
25	Phase transitions investigation by Raman spectroscopy in highly diluted KTN crystals. <i>Journal of Alloys and Compounds</i> , 2012, 531, 14-17.	2.8	9
26	Nanomicelles of Radium Dichloride [ $^{223}\text{Ra}$ ] $\text{RaCl}_2$ Co-Loaded with Radioactive Gold [ $^{198}\text{Au}$ ] $\text{Au}$ Nanoparticles for Targeted Alpha-Beta Radionuclide Therapy of Osteosarcoma. <i>Polymers</i> , 2022, 14, 1405.	2.0	9
27	<i>In loco</i> retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralesional nanodrug for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 725-733.	1.9	8
28	Raman Spectroscopy Studies on the Barocaloric Hybrid Perovskite $[(\text{CH}_3)_4\text{N}][\text{Cd}(\text{N}_3)_3]$ . <i>Molecules</i> , 2020, 25, 4754.	1.7	5
29	A Simple, Cost-effective, and Environmentally Friendly Method for Determination of Ciprofloxacin in Drugs and Urine Samples Based on Electrogenerated Chemiluminescence. <i>Electroanalysis</i> , 2020, 32, 1498-1506.	1.5	4
30	Effect of Substrate and Pyrolysis Atmosphere of $\text{Fe}_x\text{N}_x$ Materials on Electrocatalysis of the Oxygen Reduction Reaction. <i>Electrocatalysis</i> , 2021, 12, 548-563.	1.5	4
31	Spin-phonon coupling in the incommensurate magnetic ordered phase of orthorhombic $\text{TmMnO}_3$ . <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110044.	1.9	4
32	Using graphene quantum dots for treating radioactive liquid waste. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3508-3512.	2.7	3
33	Polarized Raman spectra of $\text{LiBaB}_9\text{O}_{15}$ single crystal. <i>Materials Letters</i> , 2016, 162, 254-256.	1.3	2
34	Light-Emitting Diode-Assisted Determination of 2-(1,1-Dimethylethyl)-4-Benzenediol in Cosmetic Samples Exploiting $\text{TiO}_2$ Sensitized with Lithium 7,7,8,8-Tetracyanoquinodimethanide. <i>Electroanalysis</i> , 2018, 30, 748-756.	1.5	2
35	Phase changes of tris(glycinato)chromium(III) monohydrate crystal systematically studied by thermal analyses, XRPD, FTIR, and Raman combined with ab initio calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 271, 120883.	2.0	2
36	Raman spectra of $\text{Ga}_3\text{PO}_7$ single crystal. <i>Materials Letters</i> , 2013, 98, 258-260.	1.3	1

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37	Photoelectrochemical-assisted Batch Injection Analysis (PEC-BIA) of Glucose Exploiting Visible LED Light as an Excitation Source. <i>Electroanalysis</i> , 2020, 32, 1608-1617.	1.5	1
38	Dual-photoelectrode photoelectrochemical cell exploiting a photoanode based on cadmium sulfide and anatase TiO <sub>2</sub> photocatalysts for tannic acid detection. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 2213-2224.	1.2	1