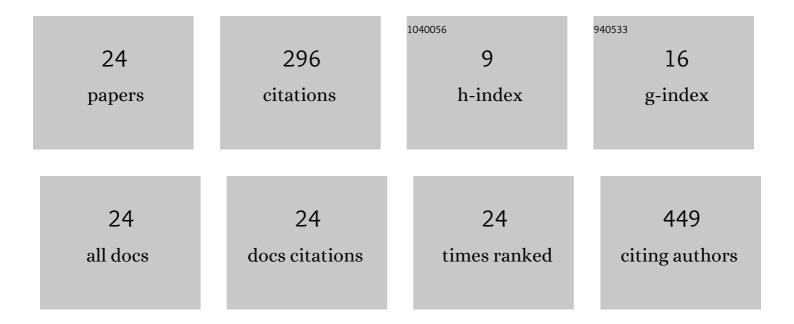
## Costa, J P C

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Electrochemical immunosensor based on ZnO nanorods-Au nanoparticles nanohybrids for ovarian cancer antigen CA-125 detection. Materials Science and Engineering C, 2017, 76, 1240-1247.	7.3	88
2	Ag Nanoparticles/AgX (X=Cl, Br and I) Composites with Enhanced Photocatalytic Activity and Low Toxicological Effects. ChemistrySelect, 2020, 5, 4655-4673.	1.5	29
3	Portable Laboratory Platform With Electrochemical Biosensors for Immunodiagnostic of Hepatitis C Virus. IEEE Sensors Journal, 2019, 19, 10701-10709.	4.7	23
4	α- and β-AgVO3 polymorphs as photoluminescent materials: An example of temperature-driven synthesis. Ceramics International, 2018, 44, 5939-5944.	4.8	21
5	Surface-dependent photocatalytic and biological activities of Ag2CrO4: Integration of experiment and simulation. Applied Surface Science, 2021, 545, 148964.	6.1	18
6	Increased photocatalytic activity induced by TiO 2 /Pt/SnO 2 heterostructured films. Solid State Sciences, 2018, 76, 65-73.	3.2	16
7	Electrophoretic deposition of (Zn, Nb)SnO2-films varistor superficially modified with Cr3+. Journal of the European Ceramic Society, 2015, 35, 2083-2089.	5.7	15
8	In Situ Growth of Bi Nanoparticles on NaBiO <sub>3</sub> , δ-, and β-Bi <sub>2</sub> O <sub>3</sub> Surfaces: Electron Irradiation and Theoretical Insights. Journal of Physical Chemistry C, 2019, 123, 5023-5030.	3.1	14
9	ZnO nanorods-gold nanoparticle-based biosensor for detecting hepatitis C. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	12
10	Revealing the Nature of Defects in α-Ag <sub>2</sub> WO <sub>4</sub> by Positron Annihilation Lifetime Spectroscopy: A Joint Experimental and Theoretical Study. Crystal Growth and Design, 2021, 21, 1093-1102.	3.0	11
11	Potential Barrier of (Zn,Nb)SnO <sub>2</sub> â€Films Induced by Microwave Thermal Diffusion of Cr <sup>3+</sup> for Lowâ€Voltage Varistor. Journal of the American Ceramic Society, 2016, 99, 152-157.	3.8	9
12	Electron beam irradiation for the formation of thick Ag film on Ag <sub>3</sub> PO <sub>4</sub> . RSC Advances, 2020, 10, 21745-21753.	3.6	9
13	In situ Formation of Metal Nanoparticles through Electron Beam Irradiation: Modeling Real Materials from First-Principles Calculations. Journal of Material Science & Engineering, 2018, 07, .	0.2	8
14	Photovoltaic Sub-Module With Optical Sensor for Angular Measurements of Incident Light. IEEE Sensors Journal, 2019, 19, 3111-3120.	4.7	6
15	A scalable electron beam irradiation platform applied for allotropic carbon transformation. Carbon, 2021, 174, 567-580.	10.3	6
16	Optical Filters for Narrow Band Light Adaptation on Imaging Devices. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	5
17	A biopotential amplifier in CMOS for neural recording on optogenetics applications. , 2017, , .		2
18	New Approaches to Preparation of SnO2-Based Varistors — Chemical Synthesis, Dopants, and Microwave Sintering. , 2015, , .		1

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#	Article	IF	CITATIONS
19	CMOS developments for photonic modules on endoscopic capsules. , 2017, , .		1
20	Optical CMOS sensor for angular measurements with readout electronics. , 2017, , .		1
21	A RF mixer using 0.7 <sup>î</sup> ¼m CMOS for intra-corporal communication devices. , 2017, , .		1
22	Electrical Properties at Grain Boundaries Influenced by Cr3+ Diffusion in SnO2.ZnO.Nb2O5-Films Varistor Prepared by Electrophoresis Deposition. Materials Research Society Symposia Proceedings, 2014, 1675, 197-202.	0.1	0
23	Optical filters for narrow-band imaging on medical devices. , 2017, , .		Ο
24	AUMENTO DA ATIVIDADE FOTOCATALÃTICA INDUZIDA POR FILMES HETEROESTRUTURADOS DE TiO2/Pt/SnO2. , 0, , 13-30.		0