Maxwell Santana LibÃ³rio

List of Publications by Year
in descending order

12 papers	43 citations	1937685 4 h-index	1872680 6 g-index

12 all docs	12 docs citations	12 times ranked	47 citing authors

#	Article	IF	Citations
1	Novel antibacterial silver coating on PET fabric assisted with hollowâ€cathode glow discharge. Polymers for Advanced Technologies, 2020, 31, 2896-2905.	3.2	8
2	Deposition of MoS2-TiN Multilayer Films on 1045 Steel to Improve Common Rail Injection System. Journal of Materials Engineering and Performance, 2020, 29, 6740-6747.	2.5	7
3	Study of High-Density Polyethylene (HDPE) Kinetics Modification Treated by Dielectric Barrier Discharge (DBD) Plasma. Polymers, 2020, 12, 2422.	4.5	7
4	Determination of Film Thickness Through Simulation of Vickers Hardness Testing. Materials Research, 2017, 20, 755-760.	1.3	5
5	Structural and Optical Properties of ZnO:Al Thin Films Produced by Magnetron Sputtering with Different Oxygen Flow: An Experimental and Ab Initio Study. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000167.	1.8	4
6	Synthesis and characterization of ZnO/ZnAl2O4/Zn2TiO4 composite films by Arâ€“O2 mixture hollow cathode glow discharge. Journal of Materials Research and Technology, 2021, 12, 2426-2437.	5.8	4
7	Optical-Electrical Properties and Thickness Analysis of TiO2 Thin Films Obtained by Magnetron Sputtering. Brazilian Journal of Physics, 2020, 50, 771-779.	1.4	3
8	Surface modification of PET fabric by plasma preâ€treatment for longâ€lasting permethrin deposition. Polymers for Advanced Technologies, 2020, 31, 2229.	3.2	1
9	NitretaÃ§Ã£o e deposiÃ§Ã£o por plasma em ferramentas de aÃ§os AISI M2 e D2 utilizadas na conformaÃ§Ã£o e estampagem de pregos: um estudo de viabilidade. Revista Materia, 2021, 26, .	0.2	1
10	Synthesis of Al-Doped ZnO Films Assisted with Hollow-Cathode Glow Discharge and Their Characterization. Journal of Electronic Materials, 2021, 50, 2687-2698.	2.2	1
11	Analysis Structural Modification and Opticalâ€“Electrical Properties of Al-Doped ZnO Oxide Films Deposited by Magnetron Sputtering. Brazilian Journal of Physics, 2021, 51, 1677-1688.	1.4	1
12	Experimental-numerical Technique to Evaluate the Thickness of TiN Thin Film. Materials Research, 2019, 22, .	1.3	1