

Julius M Mwabora

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

786
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the pH of anthocyanins on the efficiency of dye sensitized solar cells. Heliyon, 2022, 8, e09921.	3.2	6
2	Photocatalytic degradation of Rhodamine dyes using zinc oxide nanoparticles. Materials Today: Proceedings, 2021, 38, 809-815.	1.8	53
3	Effect of the Y element on the structural, electronic and magnetic properties of Heusler compounds Co ₂ YIn (Y = V, Nb, and Ti): An ab initio study. AIP Advances, 2021, 11, 015107.	1.3	4
4	Influence of concentration of anthocyanins on electron transport in dye sensitized solar cells. Heliyon, 2021, 7, e06571.	3.2	10
5	Perpendicular magnetic anisotropy in Mn ₂ VIn (001) films: An ab initio study. AIP Advances, 2018, 8, .	1.3	3
6	Enhanced performance of Sb ₂ S ₃ mesoscopic sensitized solar cells employing TiO ₂ :Nb compact layer. Journal of Materials Science: Materials in Electronics, 2018, 29, 16359-16368.	2.2	5
7	The effect of titanium dioxide synthesis technique and its photocatalytic degradation of organic dye pollutants. Heliyon, 2018, 4, e00681.	3.2	66
8	Structural, Electronic and Magnetic Properties of the Heusler Alloy Mn ₂ VIn: A Combined DFT and Experimental Study. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	1
9	First-principle investigation of structural, electronic and magnetic properties of Co ₂ VIn and CoVIn Heusler compounds. AIP Advances, 2017, 7, .	1.3	18
10	Perpendicular magnetic anisotropy in nearly fully compensated ferrimagnetic Heusler alloy Mn _{0.75} Co _{1.25} VIn: An ab initio study. Journal of Magnetism and Magnetic Materials, 2017, 442, 343-349.	2.3	6
11	Influence of Pore Size on the Optical and Electrical Properties of Screen Printed TiO ₂ Films. Advances in Materials Science and Engineering, 2016, 2016, 1-7.	1.8	8
12	Conduction Band Edge of TiO ₂ -SnO ₂ Solid Mixtures Tuning for Photoelectrochemical Applications. Materials Research Society Symposia Proceedings, 2009, 1171, 41.	0.1	0
13	Intensity and temperature dependent characterization of eta solar cell. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1713-1718.	1.8	9
14	Photoelectrochemical and Optical Properties of Nitrogen Doped Titanium Dioxide Films Prepared by Reactive DC Magnetron Sputtering. Journal of Physical Chemistry B, 2003, 107, 5709-5716.	2.6	597