

# Julius M Mwabora

## List of Publications by Year in descending order

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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	Photoelectrochemical and Optical Properties of Nitrogen Doped Titanium Dioxide Films Prepared by Reactive DC Magnetron Sputtering. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5709-5716.	2.6	597
2	The effect of titanium dioxide synthesis technique and its photocatalytic degradation of organic dye pollutants. <i>Heliyon</i> , 2018, 4, e00681.	3.2	66
3	Photocatalytic degradation of Rhodamine dyes using zinc oxide nanoparticles. <i>Materials Today: Proceedings</i> , 2021, 38, 809-815.	1.8	53
4	First-principle investigation of structural, electronic and magnetic properties of Co <sub>2</sub> VIn and CoVIn Heusler compounds. <i>AIP Advances</i> , 2017, 7, .	1.3	18
5	Influence of concentration of anthocyanins on electron transport in dye sensitized solar cells. <i>Heliyon</i> , 2021, 7, e06571.	3.2	10
6	Intensity and temperature dependent characterization of eta solar cell. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 1713-1718.	1.8	9
7	Influence of Pore Size on the Optical and Electrical Properties of Screen Printed $\text{TiO}_2$ Films. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.8	8
8	Perpendicular magnetic anisotropy in nearly fully compensated ferrimagnetic Heusler alloy Mn <sub>0.75</sub> Co <sub>1.25</sub> VIn: An ab initio study. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 442, 343-349.	2.3	6
9	Influence of the pH of anthocyanins on the efficiency of dye sensitized solar cells. <i>Heliyon</i> , 2022, 8, e09921.	3.2	6
10	Enhanced performance of Sb <sub>2</sub> S <sub>3</sub> mesoscopic sensitized solar cells employing TiO <sub>2</sub> :Nb compact layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16359-16368.	2.2	5
11	Effect of the Y element on the structural, electronic and magnetic properties of Heusler compounds Co <sub>2</sub> YIn (Y = V, Nb, and Ti): An ab initio study. <i>AIP Advances</i> , 2021, 11, 015107.	1.3	4
12	Perpendicular magnetic anisotropy in Mn <sub>2</sub> VIn (001) films: An ab initio study. <i>AIP Advances</i> , 2018, 8, .	1.3	3
13	Structural, Electronic and Magnetic Properties of the Heusler Alloy Mn <sub>2</sub> VIn: A Combined DFT and Experimental Study. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	2.1	1
14	Conduction Band Edge of TiO <sub>2</sub> -SnO <sub>2</sub> Solid Mixtures Tuning for Photoelectrochemical Applications. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1171, 41.	0.1	0