

# Ahmed El Basaty

## List of Publications by Year in descending order

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15  
papers

367  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and dielectric features of Yb <sup>3+</sup> , Dy <sup>3+</sup> , and Nd <sup>3+</sup> subrogated perovskite calcium manganite bulk materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20422-20430.	2.2	0
2	3D hierarchical graphene/CNT with interfacial polymerized polyaniline nano-fibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117629.	3.9	26
3	Thermal behavior of functionalized conventional polyaniline with hydrothermally synthesized graphene/carbon nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 452-457.	2.1	1
4	Influence of nano-metric Al <sub>2</sub> O <sub>3</sub> particles addition on thermal behavior, microstructural and tensile characteristics of hypoeutectic Sn-5.0Zn-0.3Cu Pb-free solder alloy. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4326-4335.	2.2	11
5	Enhancing the Creep Resistance of Sn-9.0Zn-0.5Al Lead-Free Solder Alloy by Small Additions of Sb Element. <i>Engineering</i> , 2018, 10, 21-34.	0.8	4
6	Structural and Optical Characterization of Chemically Deposited PbS Thin Films. <i>Silicon</i> , 2017, 9, 809-816.	3.3	16
7	Influence of small addition of antimony (Sb) on thermal behavior, microstructural and tensile properties of Sn-9.0Zn-0.5Al Pb-free solder alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 701, 245-253.	5.6	22
8	Photoinduced p-n to n-p type Switching in Thermoelectric Polymer-Carbon Nanotube Composites. <i>Advanced Materials</i> , 2016, 28, 2782-2789.	21.0	89
9	Photo-Response of Functionalized Self-Assembled Graphene Oxide on Zinc Oxide Heterostructure to UV Illumination. <i>Nanoscale Research Letters</i> , 2016, 11, 13.	5.7	26
10	Structural alterations of polycarbonate/PBT by gamma irradiation for high technology applications. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 443-457.	2.6	10
11	Modifications induced by gamma irradiation to Makrofol polymer nuclear track detector. <i>Journal of Advanced Research</i> , 2015, 6, 219-224.	9.5	45
12	Opto-structural characterization of gamma irradiated Bayfol polymer track detector. <i>Journal of Nuclear Materials</i> , 2013, 442, 184-188.	2.7	14
13	Optical second harmonic generation at heterojunction interfaces of a molybdenum trioxide layer and an organic layer. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	4
14	Ternary mixing: A simple method to tailor the morphology of organic solar cells. <i>Organic Electronics</i> , 2009, 10, 1120-1132.	2.6	80
15	Surface plasmon sensor for NO <sub>2</sub> gas. <i>Surface and Interface Analysis</i> , 2008, 40, 1623-1626.	1.8	19