

# Moataz A Elsayy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1253132/publications.pdf>

Version: 2024-02-01

11  
papers

755  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrolytic degradation of polylactic acid (PLA) and its composites. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1346-1352.	16.4	555
2	Microwave-Assisted preparation of Chitosan/ZnO nanocomposite and its application in dye removal. <i>Materials Chemistry and Physics</i> , 2020, 248, 122914.	4.0	77
3	Mechanical, thermal, and dielectric properties of poly(lactic acid)/chitosan nanocomposites. <i>Polymer Engineering and Science</i> , 2016, 56, 987-994.	3.1	44
4	Preparation, Characterization and Antimicrobial Activity of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-g-Poly(N-vinylpyrrolidone) Copolymers. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 1113-1121.	1.9	22
5	Nonisothermal crystallization behavior and molecular dynamics of poly(lactic acid) plasticized with jojoba oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 211-223.	3.6	20
6	Grafting of N-isopropyl Acrylamide onto Bacterial Polyhydroxybutyrate/Hydroxyvalerate Copolymers. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 1055-1063.	1.9	12
7	Chitosan/TiO <sub>2</sub> nanocomposites: Effect of microwave heating and solution mixing techniques on physical properties. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 449-460.	0.2	9
8	Rhodamine B hydrazide loaded polysulfone fabrics for Cu(II) detection: Morphological and optical properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48408.	2.6	5
9	Cellulose Acetate Fabrics Loaded with Rhodamine B Hydrazide for Optical Detection of Cu(II). <i>Molecules</i> , 2020, 25, 3751.	3.8	5
10	Microporous hyper-cross-linked polyacetylene networks: Covalent structure and texture modification by reversible Schiff-base chemistry. <i>European Polymer Journal</i> , 2020, 136, 109914.	5.4	4
11	Preparation, characterization, mechanical and biodegradation behavior of polypropylene - chitosan/ZnO nanocomposite. <i>Polymer-Plastics Technology and Materials</i> , 0, , 1-11.	1.3	2