

# Moustafa M Zagho

## List of Publications by Citations

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23  
papers

604  
citations

13  
h-index

23  
g-index

23  
ext. papers

788  
ext. citations

4.9  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
23	Polymer-Based Electrospun Nanofibers for Biomedical Applications. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	126
22	Graphene a promising electrode material for supercapacitors: A review. <i>International Journal of Energy Research</i> , <b>2018</b> , 42, 4284-4300	4.5	79
21	Recent Overviews in Functional Polymer Composites for Biomedical Applications. <i>Polymers</i> , <b>2018</b> , 10,	4.5	63
20	Core-Shell Magnetic Mesoporous Silica Microspheres with Large Mesopores for Enzyme Immobilization in Biocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 10356-10363	9.5	53
19	Sequential Chemistry Toward Core-Shell Structured Metal Sulfides as Stable and Highly Efficient Visible-Light Photocatalysts. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3287-3293	16.4	44
18	A review on recent advances in CO <sub>2</sub> separation using zeolite and zeolite-like materials as adsorbents and fillers in mixed matrix membranes (MMMs). <i>Chemical Engineering Journal Advances</i> , <b>2021</b> , 6, 100091	3.6	33
17	Plasmonic MXene-based nanocomposites exhibiting photothermal therapeutic effects with lower acute toxicity than pure MXene. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 4529-4539	7.3	30
16	Sputtering of Electrospun Polymer-Based Nanofibers for Biomedical Applications: A Perspective. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	24
15	Recent advances in stimuli-responsive drug release and targeting concepts using mesoporous silica nanoparticles. <i>Emergent Materials</i> , <b>2020</b> , 3, 407-425	3.5	24
14	A systematic investigation of the bio-toxicity of core-shell magnetic mesoporous silica microspheres using zebrafish model. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 265, 195-201	5.3	22
13	Melt Electrospinning Designs for Nanofiber Fabrication for Different Applications. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
12	Comparison of the effect of carbon, halloysite and titania nanotubes on the mechanical and thermal properties of LDPE based nanocomposite films. <i>Chinese Journal of Chemical Engineering</i> , <b>2018</b> , 26, 428-435	3.2	16
11	Sequential Chemistry Toward Core-Shell Structured Metal Sulfides as Stable and Highly Efficient Visible-Light Photocatalysts. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3313-3319	3.6	13
10	Thermal Properties of TiO <sub>2</sub> /P/CNT/LDPE Hybrid Nanocomposite Films. <i>Polymers</i> , <b>2018</b> , 10,	4.5	12
9	Oxidative Degradation of Tannic Acid in Aqueous Solution by UV/S <sub>2</sub> O <sub>8</sub> <sup>2-</sup> and UV/H <sub>2</sub> O <sub>2</sub> /Fe <sup>2+</sup> Processes: A Comparative Study. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 156	2.6	10
8	Experimental and theoretical studies on the mechanical and structural changes imposed by the variation of clay loading on poly(vinyl alcohol)/cloisite-93A nanocomposites. <i>Journal of Vinyl and Additive Technology</i> , <b>2019</b> , 25, 172-181	2	9
7	A brief overview of RF sputtering deposition of boron carbon nitride (BCN) thin films. <i>Emergent Materials</i> , <b>2019</b> , 2, 79-93	3.5	9

6	A comprehensive review summarizing the recent biomedical applications of functionalized carbon nanofibers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2021</b> , 109, 1893-1908	3.5	7
5	Mechanical properties of gamma irradiated TiO <sub>2</sub> NPs/MWCNTs/LDPE hybrid nanocomposites. <i>Emergent Materials</i> , <b>2020</b> , 3, 675-683	3.5	6
4	Role of TiO <sub>2</sub> and carbon nanotubes on polyethylene, and effect of accelerated weathering on photo oxidation and mechanical properties. <i>Journal of Vinyl and Additive Technology</i> , <b>2019</b> , 25, 19-25	2	4
3	Mesoporous silica coated carbon nanofibers reduce embryotoxicity via ERK and JNK pathways. <i>Materials Science and Engineering C</i> , <b>2021</b> , 122, 111910	8.3	1
2	Mesoporous carbons from self-assembled polymers. <i>Journal of Polymer Science</i> ,	2.4	1
1	Functional Mesoporous Polymer Composites and their Applications: A Review <b>2020</b> , 153-191		