

# Ahmed Salama

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,377  
citations

236612

25  
h-index

414034

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carboxymethyl cellulose-g-poly(2-(dimethylamino) ethyl methacrylate) hydrogel as adsorbent for dye removal. <i>International Journal of Biological Macromolecules</i> , 2015, 73, 72-75.	3.6	128
2	Cellulose/calcium phosphate hybrids: New materials for biomedical and environmental applications. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 606-617.	3.6	88
3	New sustainable hybrid material as adsorbent for dye removal from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 348-353.	5.0	84
4	Synthesis and antimicrobial properties of new chitosan derivatives containing guanidinium groups. <i>Carbohydrate Polymers</i> , 2020, 241, 116363.	5.1	80
5	Preparation of CMC-g-P(SPMA) super adsorbent hydrogels: Exploring their capacity for MB removal from waste water. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 940-946.	3.6	63
6	Nanocellulose-Based Materials for Water Treatment: Adsorption, Photocatalytic Degradation, Disinfection, Antifouling, and Nanofiltration. <i>Nanomaterials</i> , 2021, 11, 3008.	1.9	63
7	Preparation of polyelectrolyte/calcium phosphate hybrids for drug delivery application. <i>Carbohydrate Polymers</i> , 2014, 113, 500-506.	5.1	58
8	Crosslinked alginate/silica/zinc oxide nanocomposite: A sustainable material with antibacterial properties. <i>Composites Communications</i> , 2018, 7, 7-11.	3.3	55
9	New N-guanidinium chitosan/silica ionic microhybrids as efficient adsorbent for dye removal from waste water. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 762-768.	3.6	50
10	Carboxymethyl cellulose based hybrid material for sustained release of protein drugs. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1647-1652.	3.6	48
11	Recent progress in preparation and applications of chitosan/calcium phosphate composite materials. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 240-252.	3.6	48
12	Ionic liquid-assisted formation of cellulose/calcium phosphate hybrid materials. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1553-1568.	1.5	46
13	Regenerated cellulose/wool blend enhanced biomimetic hydroxyapatite mineralization. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 920-925.	3.6	46
14	Cellulose/silk fibroin assisted calcium phosphate growth: Novel biocomposite for dye adsorption. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1970-1977.	3.6	42
15	Oxidized cellulose reinforced silica gel: New hybrid for dye adsorption. <i>Materials Letters</i> , 2018, 230, 293-296.	1.3	40
16	Carboxymethyl cellulose prepared from mesquite tree: New source for promising nanocomposite materials. <i>Carbohydrate Polymers</i> , 2018, 189, 138-144.	5.1	39
17	Preparation of sustainable nanocomposite as new adsorbent for dyes removal. <i>Fibers and Polymers</i> , 2017, 18, 1825-1830.	1.1	38
18	Chitosan based hydrogel assisted spongelike calcium phosphate mineralization for in-vitro BSA release. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 471-476.	3.6	38

#	ARTICLE	IF	CITATIONS
19	Polysaccharides/silica hybrid materials: New perspectives for sustainable raw materials. <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 131-149.	0.4	37
20	Synthesis of N-Guanidinium-Chitosan/Silica Hybrid Composites: Efficient Adsorbents for Anionic Pollutants. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1986-1997.	2.4	35
21	Synthesis and characterization of N-guanidinium chitosan/silica ionic hybrids as templates for calcium phosphate mineralization. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 276-283.	3.6	33
22	Bioactive cellulose grafted soy protein isolate towards biomimetic calcium phosphate mineralization. <i>Industrial Crops and Products</i> , 2017, 95, 170-174.	2.5	32
23	Carboxymethyl cellulose-g-poly (acrylic acid)/calcium phosphate composite as a multifunctional hydrogel material. <i>Materials Letters</i> , 2015, 157, 243-247.	1.3	31
24	Carboxymethyl cellulose/silica hybrids as templates for calcium phosphate biomimetic mineralization. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 155-161.	3.6	30
25	Ionic chitosan/silica nanocomposite as efficient adsorbent for organic dyes. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 404-410.	3.6	29
26	Functionalized hybrid materials assisted organic dyes removal from aqueous solutions. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2016, 6, 159-163.	1.7	23
27	Cellulose Amphiphilic Materials: Chemistry, Process and Applications. <i>Pharmaceutics</i> , 2022, 14, 386.	2.0	20
28	Mineralized Polyvinyl Alcohol/Sodium Alginate Hydrogels Incorporating Cellulose Nanofibrils for Bone and Wound Healing. <i>Molecules</i> , 2022, 27, 697.	1.7	14
29	Grafting Study and Antifungal Activity of a Carboxymethyl Cellulose Derivative. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2009, 58, 453-467.	1.8	13
30	Amphiphilic Cellulose as Stabilizer for Oil/ Water Emulsion. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 181-204.	0.1	13
31	Calcium phosphate mineralization controlled by carboxymethyl cellulose-g-polymethacrylic acid. <i>Soft Materials</i> , 2016, 14, 154-161.	0.8	12
32	New Sustainable Ionic Polysaccharides Fibers Assist Calcium Phosphate Mineralization as Efficient Adsorbents. <i>Fibers and Polymers</i> , 2021, 22, 1526.	1.1	1