

Nedal Y Abu-Thabit

List of Publications by Year in descending order

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31
papers

688
citations

933264

10
h-index

1058333

14
g-index

31
all docs

31
docs citations

31
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimuli-responsive Polyelectrolyte Multilayers for fabrication of self-healing coatings – A review. <i>Surface and Coatings Technology</i> , 2016, 303, 406-424.	2.2	91
2	Chemical Oxidative Polymerization of Polyaniline: A Practical Approach for Preparation of Smart Conductive Textiles. <i>Journal of Chemical Education</i> , 2016, 93, 1606-1611.	1.1	90
3	Isolation and characterization of microcrystalline cellulose from date seeds (<i>Phoenix dactylifera</i> L.). <i>International Journal of Biological Macromolecules</i> , 2020, 155, 730-739.	3.6	86
4	New highly phosphonated polysulfone membranes for PEM fuel cells. <i>Journal of Membrane Science</i> , 2010, 360, 26-33.	4.1	70
5	Superhydrophobic nanohybrid sponges for separation of oil/ water mixtures. <i>Chemosphere</i> , 2022, 294, 133644.	4.2	67
6	A Flexible Optical pH Sensor Based on Polysulfone Membranes Coated with pH-Responsive Polyaniline Nanofibers. <i>Sensors</i> , 2016, 16, 986.	2.1	49
7	Novel sulfonated poly(ether ether ketone)/phosphonated polysulfone polymer blends for proton conducting membranes. <i>Journal of Materials Research</i> , 2012, 27, 1958-1968.	1.2	25
8	Recent Advances in Nanocomposite Coatings for Corrosion Protection Applications. , 2015, , 515-549.		25
9	Historical development of drug delivery systems: From conventional macroscale to controlled, targeted, and responsive nanoscale systems. , 2018, , 3-41.		21
10	Hybrid Porous Silicon Biosensors Using Plasmonic and Fluorescent Nanomaterials: A Mini Review. <i>Frontiers in Chemistry</i> , 2020, 8, 454.	1.8	21
11	The smart chemistry of stimuli-responsive polymeric carriers for target drug delivery applications. , 2018, , 61-99.		16
12	Synthesis of highly conductive cotton fiber/nanostructured silver/polyaniline composite membranes for water sterilization application. <i>Materials Research Express</i> , 2014, 1, 035010.	0.8	13
13	Preparation of pH-Indicative and Flame-Retardant Nanocomposite Films for Smart Packaging Applications. <i>Sensors</i> , 2020, 20, 5462.	2.1	13
14	Responsive cyclodextrins as polymeric carriers for drug delivery applications. , 2018, , 555-580.		11
15	From waste to wealth: upcycling of plastic and lignocellulosic wastes to <sc>PHAs</sc>. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 3217-3240.	1.6	11
16	Analytical method development using functionalized polysulfone membranes for the determination of chlorinated hydrocarbons in water. <i>Talanta</i> , 2011, 87, 284-289.	2.9	10
17	Stimuli-responsive biopolymer nanocarriers for drug delivery applications. , 2018, , 405-432.		10
18	Experimental FTIR and theoretical investigation of the molecular structure and vibrational spectra of acetanilide using DFT and dispersion correction to DFT. <i>Journal of Theoretical and Computational Chemistry</i> , 2019, 18, 1950009.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Fundamental of smart coatings and thin films: synthesis, deposition methods, and industrial applications. , 2020, , 3-35.		7
20	Electrically conducting polyaniline smart coatings and thin films for industrial applications. , 2020, , 585-617.		7
21	Natural Polymers in Micro- and Nanoencapsulation for Therapeutic and Diagnostic Applications: Part II - Polysaccharides and Proteins. , 0, , .		7
22	Natural Polymers in Micro- and Nanoencapsulation for Therapeutic and Diagnostic Applications: Part I: Lipids and Fabrication Techniques. , 0, , .		6
23	Smart Textile Supercapacitors Coated with Conducting Polymers for Energy Storage Applications. , 2016, , 437-477.		5
24	Responsive polyelectrolyte complexes based on natural polysaccharides for drug delivery applications. , 2018, , 267-287.		5
25	Near-Infrared pH Sensor Based on a SPEEKâ€“Polyaniline Polyelectrolyte Complex Membrane. Proceedings (mdpi), 2018, 3, .	0.2	4
26	Polyaniline-Coated Polysulfone Membranes as Flexible Optical pH Sensors. , 0, , .		3
27	Shape-memory coatings, polymers, and alloys with self-healing functionality for medical and industrial applications. , 2020, , 335-358.		2
28	Nanostructured Conductive Composite Filter Electrodes for Water Sterealization by Application of Low Electrical Current. , 0, , .		2
29	Synthesis and solution properties of amphiphilic cycloterpolymers of 1,1-diallyl-4-formylpiperizinium chloride, diallyloctadecylammonium chloride and sulfur dioxide. European Polymer Journal, 2009, 45, 131-140.	2.6	1
30	Nanomaterials for flexible transparent conductive films and optoelectronic devices. , 2020, , 619-643.		1
31	Optical and pH-Responsive Nanocomposite Film for Food Packaging Application. Proceedings (mdpi), 2019, 42, .	0.2	0