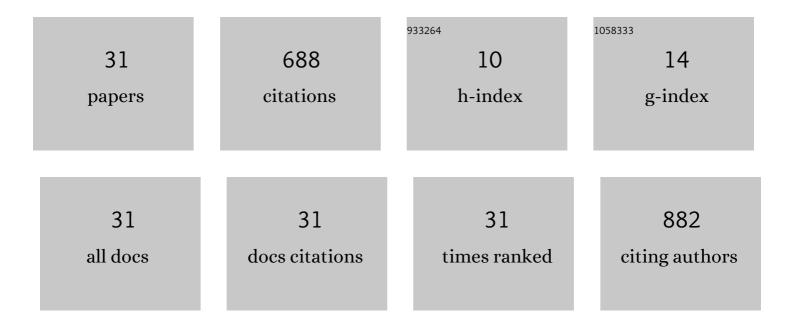
Nedal Y Abu-Thabit

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3844243/publications.pdf

Version: 2024-02-01



NEDAL Y ARIL-THARIT

#	Article	IF	CITATIONS
1	Stimuli-responsive Polyelectrolyte Multilayers for fabrication of self-healing coatings – A review. Surface and Coatings Technology, 2016, 303, 406-424.	2.2	91
2	Chemical Oxidative Polymerization of Polyaniline: A Practical Approach for Preparation of Smart Conductive Textiles. Journal of Chemical Education, 2016, 93, 1606-1611.	1.1	90
3	Isolation and characterization of microcrystalline cellulose from date seeds (Phoenix dactylifera L.). International Journal of Biological Macromolecules, 2020, 155, 730-739.	3.6	86
4	New highly phosphonated polysulfone membranes for PEM fuel cells. Journal of Membrane Science, 2010, 360, 26-33.	4.1	70
5	Superhydrophobic nanohybrid sponges for separation of oil/ water mixtures. Chemosphere, 2022, 294, 133644.	4.2	67
6	A Flexible Optical pH Sensor Based on Polysulfone Membranes Coated with pH-Responsive Polyaniline Nanofibers. Sensors, 2016, 16, 986.	2.1	49
7	Novel sulfonated poly(ether ether ketone)/phosphonated polysulfone polymer blends for proton conducting membranes. Journal of Materials Research, 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. Frontiers in Chemistry, 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. Materials Research Express, 2014, 1, 035010.	0.8	13
13	Preparation of pH-Indicative and Flame-Retardant Nanocomposite Films for Smart Packaging Applications. Sensors, 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 <scp>PHAs</scp> . Journal of Chemical Technology and Biotechnology, 2022, 97, 3217-3240.	1.6	11
16	Analytical method development using functionalized polysulfone membranes for the determination of chlorinated hydrocarbons in water. Talanta, 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. Journal of Theoretical and Computational Chemistry, 2019, 18, 1950009.	1.8	9

NEDAL Y ABU-THABIT

#	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 SPEEK–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