

# Leila Naji

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

708  
citations

17  
h-index

25  
g-index

47  
ext. papers

844  
ext. citations

5  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
47	Graphene oxide-assisted electrochemical growth of Ni(OH) <sub>2</sub> nanoflowers on nickel foam as electrode material for high-performance supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 640, 128450	5.1	0
46	Systematic study of influencing parameters on the in-situ electrochemical growth of three-dimensional graphene on carbon cloth for supercapacitor applications. <i>Journal of Energy Storage</i> , <b>2022</b> , 49, 104146	7.8	0
45	Comparative study of electrochemically-grown vanadium pentoxide nanostructures synthesized using differential pulse voltammetry, cyclic voltammetry, and chronoamperometry methods as the hole transport layer. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 900, 163501	5.7	0
44	Novel mesoporous CoO-SbO-SnO active material in high-performance capacitive deionization.. <i>RSC Advances</i> , <b>2021</b> , 12, 907-920	3.7	1
43	Influencing parameters on the electrochemical growth of V <sub>2</sub> O <sub>5</sub> nanorods on ITO as interfacial layer in bulk heterojunction polymer solar cells. <i>Materials Science in Semiconductor Processing</i> , <b>2021</b> , 106333	4.3	1
42	Synergistic effect of two complexing agents on the hydrothermal synthesis of self-supported ZnNiCo oxide as electrode material in supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 901, 115779	4.1	1
41	Fabrication of membrane electrode assembly based on nafion/sulfonated graphene oxide nanocomposite by electroless deposition for proton exchange membrane fuel cells. <i>Surfaces and Interfaces</i> , <b>2021</b> , 23, 100925	4.1	1
40	Controlling interlayer spacing of graphene oxide membrane in aqueous media using a biocompatible heterobifunctional crosslinker for Penicillin-G Procaine removal. <i>Separation and Purification Technology</i> , <b>2021</b> , 263, 118392	8.3	7
39	Influences of sulfonation level on the nanofiltration performance of sulfonated graphene oxide polyamide nanocomposite membranes. <i>Thin Solid Films</i> , <b>2021</b> , 728, 138688	2.2	1
38	Interface engineering of electrochemically deposited ZnO nanorods as electron transport layer in polymer solar cells using organic dyes. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 259, 124064	4.4	4
37	Complex electrochemical study of reduced graphene oxide/Pt produced by Nd:YAG pulsed laser reduction as photo-anode in polymer solar cells. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 880, 114924 <sup>1</sup>	4.1	4
36	Fabrication of high performance supercapacitors based on ethyl methyl imidazolium bis(trifluoromethylsulfonyl) imide (EMIMTFSI)-decorated reduced graphene oxide (rGO). <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 892, 162093	5.7	0
35	Electrochemical characterization of Li-ion conducting polyvinylidene fluoride/sulfonated graphene oxide nanocomposite polymer electrolyte membranes for lithium ion batteries. <i>Journal of Membrane Science</i> , <b>2021</b> , 636, 119563	9.6	3
34	Influences of synthesis parameters on the physicochemical and electrochemical characteristics of reduced graphene oxide/Pt nanoparticles as hole transporting layer in polymer solar cells. <i>Synthetic Metals</i> , <b>2020</b> , 263, 116366	3.6	6
33	Robust siloxane/graphene oxide thin film membranes: Siloxane size adjustment for improved separation performance and flux recovery. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 2232-2247	2.8	0
32	Nd:YAG pulsed laser production of reduced-graphene oxide as hole transporting layer in polymer solar cells and the influences of solvent type. <i>Organic Electronics</i> , <b>2020</b> , 76, 105459	3.5	6
31	Systematic evaluation of factors influencing electrochemical and morphological characteristics of free-standing 3D graphene hydrogels as electrode material for supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 301, 421-435	6.7	16

30	The influence of electrodeposited PPy film morphology on the electrochemical characteristics of Nafion-based energy storage devices. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 836, 165-175	4.1	17
29	Surface roughness regulation of reduced-graphene oxide/iodine - Based electrodes and their application in polymer solar cells. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 540, 272-284	9.3	13
28	The influence of fumed silica content and particle size in poly (amide 6-b-ethylene oxide) mixed matrix membranes for gas separation. <i>Separation and Purification Technology</i> , <b>2018</b> , 199, 47-56	8.3	35
27	Electrochemical and Electromechanical Study of Carbon-Electrode-Based Ionic Soft Actuators. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 795-806	3.9	9
26	Enhancing the photovoltaic performance of bulk heterojunction polymer solar cells by adding Rhodamine B laser dye as co-sensitizer. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 515, 139-151	9.3	10
25	Electrochemical investigation of gel polymer electrolytes based on poly(methyl methacrylate) and dimethylacetamide for application in Li-ion batteries. <i>Chemical Papers</i> , <b>2018</b> , 72, 2289-2300	1.9	17
24	Synergetic effect of Ag/PVP on nonlinear optical characteristic of rGO transparent thin films. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1	2.4	3
23	3D structured polypyrrole/reduced graphene oxide (PPy/rGO)-based electrode ionic soft actuators with improved actuation performance. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12104-12118	3.6	19
22	Influence of Pt Nanoparticle Electroless Deposition Parameters on the Electrochemical Characteristics of Nafion-Based Catalyst-Coated Membranes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 434-445	3.9	4
21	The influence of sulfonation level on the electrochemical characteristics of Pt/rSGO as electrocatalyst for proton exchange membrane fuels cells. <i>Solid State Ionics</i> , <b>2018</b> , 326, 27-36	3.3	4
20	The influence of electrodeposited conducting polymer electrode structure on the actuation performance of muscle-like ionic actuators. <i>Sensors and Actuators A: Physical</i> , <b>2018</b> , 279, 204-215	3.9	9
19	The influences of polyol process parameters on the optoelectronic characteristics of AgNWs-based flexible electrodes and their application in ITO-free polymer solar cells. <i>Organic Electronics</i> , <b>2018</b> , 62, 621-629	3.5	18
18	Electrochemical behavior of a Nafion-membrane-based solid-state supercapacitor with a graphene oxide/multiwalled carbon nanotube/polypyrrole nanocomposite. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	16
17	Electrochemical and electromechanical behavior of Nafion-based soft actuators with PPy/CB/MWCNT nanocomposite electrodes. <i>RSC Advances</i> , <b>2017</b> , 7, 3190-3203	3.7	30
16	Fabrication of non-fullerene P3HT/Agx-TiO2 based polymer solar cells with high open circuit voltage. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 708, 1184-1194	5.7	10
15	The effect of MWCNT content on electropolymerization of PPy film and electromechanical behavior of PPy electrode-based soft actuators. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 806, 136-149	4.1	14
14	Influence of electrolytes of Li salts, EMIMBF4, and mixed phases on electrochemical and physical properties of Nafion membrane. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45239	2.9	5
13	Fabrication of SGO/Nafion-based IPMC soft actuators with sea anemone-like Pt electrodes and enhanced actuation performance. <i>Carbon</i> , <b>2016</b> , 100, 243-257	10.4	33

12	Effect of bending deformation on photovoltaic performance of flexible graphene/Ag electrode-based polymer solar cells. <i>RSC Advances</i> , <b>2015</b> , 5, 30889-30901	3.7	19
11	The enhancement effect of lithium ions on actuation performance of ionic liquid-based IPMC soft actuators. <i>Polymer</i> , <b>2015</b> , 76, 140-149	3.9	23
10	Nanocomposite proton exchange membranes based on Nafion containing Fe <sub>2</sub> TiO <sub>5</sub> nanoparticles in water and alcohol environments for PEMFC. <i>Journal of Membrane Science</i> , <b>2014</b> , 454, 74-81	9.6	72
9	Electromechanical behaviour of Nafion-based soft actuators. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2502-2514	7.3	20
8	Preparation, characterization and properties of proton exchange nanocomposite membranes based on poly(vinyl alcohol) and poly(sulfonic acid)-grafted silica nanoparticles. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 5473-5479	6.7	56
7	Time-resolved mapping of water diffusion coefficients in a working soft actuator device. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 9761-8	3.4	14
6	Magnetic resonance imaging study of a soft actuator element during operation. <i>Soft Matter</i> , <b>2008</b> , 4, 1879	3.6	23
5	Perchlorate-selective membrane sensors based on two nickel-hexaazamacrocyclic complexes. <i>Sensors and Actuators B: Chemical</i> , <b>2007</b> , 120, 494-499	8.5	28
4	Highly Selective and Sensitive Perchlorate Sensors Based on Some Recently Synthesized Ni(II)-Hexaazacyclotetradecane Complexes. <i>Electroanalysis</i> , <b>2003</b> , 15, 1476-1480	3	30
3	Ytterbium(III)-selective membrane electrode based on cefixime. <i>Analytica Chimica Acta</i> , <b>2003</b> , 475, 59-66.6		64
2	In situ magnetic resonance imaging of electrically-induced water diffusion in a nafion ionic polymer film. <i>Chemical Communications</i> , <b>2003</b> , 962-3	5.8	15
1	Novel sulfate ion-selective polymeric membrane electrode based on a derivative of pyrillium perchlorate. <i>Talanta</i> , <b>2002</b> , 58, 359-66	6.2	27