Jennifer A Irvin

List of Publications by Year
in descending order

26	571	840776 11	677142 22
papers	citations	h-index	g-index

28	28	28	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress in using conductive polymers as corrosion-inhibiting coatings. Radiation Physics and Chemistry, 2003, 68, 387-394.	2.8	157
2	Low-oxidation-potential conducting polymers derived from 3,4-ethylenedioxythiophene and dialkoxybenzenes. Journal of Polymer Science Part A, 2001, 39, 2164-2178.	2.3	57
3	Low-oxidation-potential conducting polymers: Alternating substituted para-phenylene and 3,4-ethylenedioxythiophene repeat units. Polymer, 1998, 39, 2339-2347.	3.8	52
4	Polyethers derived from bisphenols and highly fluorinated aromatics. Journal of Polymer Science Part A, 1992, 30, 1675-1679.	2.3	48
5	Biodegradable DNA-enabled poly(ethylene glycol) hydrogels prepared by copper-free click chemistry. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 22-39.	3.5	37
6	Conductive polymer-based nanoparticles for laser-mediated photothermal ablation of cancer: synthesis, characterization, and in vitro evaluation. International Journal of Nanomedicine, 2017, Volume 12, 615-632.	6.7	36
7	Biomedical Application of ElectroactiveÂPolymers in Electrochemical Sensors: A Review. Materials, 2019, 12, 2629.	2.9	32
8	Electroactive polymer-based electrochemical capacitors using poly(benzimidazo-benzophenanthroline) and its pyridine derivative poly(4-aza-benzimidazo-benzophenanthroline) as cathode materials with ionic liquid electrolyte. Journal of Power Sources, 2012, 220, 236-242.	7.8	31
9	Self-Assembly of Tetrameric and Hexameric Terpyridine-Based Macrocycles Using Cd(II), Zn(II), and Fe(II). Inorganic Chemistry, 2018, 57, 3548-3558.	4.0	21
10	Induction of Immunogenic Cell Death in Breast Cancer by Conductive Polymer Nanoparticle-Mediated Photothermal Therapy. ACS Applied Polymer Materials, 2020, 2, 5602-5620.	4.4	16
11	Poly(propylenedioxy)thiophene-Based Supercapacitors Operating at Low Temperatures. Journal of the Electrochemical Society, 2010, 157, A298.	2.9	14
12	Synthesis and Thermal Characterization of Perfluorocyclobutyl(PFCB) Polymers Containing Crown Ether Vertebrae. Macromolecular Chemistry and Physics, 2004, 205, 801-805.	2.2	10
13	Dominant ion transport processes of ionic liquid electrolyte in poly(3,4â€ethylenedioxythiophene). Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 337-342.	2.1	8
14	Synthesis and Electropolymerization of 3,5-Bis-(3,4-ethylenedioxythien-2-yl)-4,4-dimethyl Isopyrazole: A Donor-Acceptor-Donor Monomer. Journal of the Electrochemical Society, 2013, 160, G111-G116.	2.9	8
15	Electrochemical Deposition of a New n-Doping Polymer Based on Bis(thienyl)isopyrazole. Journal of the Electrochemical Society, 2007, 154, G95.	2.9	7
16	Enhanced electrochemical response of solutionâ€deposited nâ€doping polymer via cocasting with ionic liquid. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1145-1150.	2.1	7
17	High molecular weight copolymers of vinylferrocene and 3-phenyl[5]ferrocenophane-1,5-dimethylene with various N-substituted maleimides. Reactive and Functional Polymers, 2013, 73, 730-736.	4.1	5
18	Electroactive Polymer Nanoparticles Exhibiting Photothermal Properties. Journal of Visualized Experiments, 2016, , .	0.3	5

#	Article	IF	Citations
19	Conducting Polymer-Based Electrochemical Aptasensor for the Detection of Adenosine. ACS Applied Polymer Materials, 2021, 3, 6674-6683.	4.4	5
20	Low oxidation potential conducting polymers based on 1,4-bis[2-(3,4-ethylenedioxy)thienyl]-2,5-dialkoxybenzenes. Synthetic Metals, 1999, 102, 965-966.	3.9	4
21	Enabling Conducting Polymer Applications: Methods for Achieving High Molecular Weight in Chemical Oxidative Polymerization in Alkyl- and Ether-Substituted Thiophenes. Materials, 2021, 14, 6146.	2.9	4
22	Donorâ€“acceptorâ€“donor polymers utilizing pyrimidine-based acceptors. Reactive and Functional Polymers, 2014, 83, 113-122.	4.1	2
23	Electrochromic and Redox Electroactive Polymers Based on Ethylenedioxythiophene Derivatives. Materials Research Society Symposia Proceedings, 1995, 413, 373.	0.1	0
24	Improved Synthesis and Corrosion Properties of Poly(bis-(dialkylamino)phenylene vinylene)s (BAMPPV). ACS Symposium Series, 2003, , 140-155.	0.5	0
25	Polymers for Charge Storage. , 2014, , 1-9.		0
26	Synthesis and characterization of chiral conjugated polymers for optical waveguides. , 2002, , .		0