

# Electrical and Electrochemical Properties of Conducting

Polymers

9, 150

DOI: [10.3390/polym9040150](https://doi.org/10.3390/polym9040150)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Solution-Processable, Nanostructured, and Conductive Graphene/Polyaniline Hybrid Coating for Metal-Corrosion Protection and Monitoring. <i>Scientific Reports</i> , 2017, 7, 15184.	1.6	29
2	Ultra High Electrical Performance of Nano Nickel Oxide and Polyaniline Composite Materials. <i>Polymers</i> , 2017, 9, 288.	2.0	33
3	Facile Synthesis of Polyaniline Nanotubes Using Self-Assembly Method Based on the Hydrogen Bonding: Mechanism and Application in Gas Sensing. <i>Polymers</i> , 2017, 9, 544.	2.0	23
4	Chemo-Electrical Gas Sensors Based on Conducting Polymer Hybrids. <i>Polymers</i> , 2017, 9, 155.	2.0	140
5	Spatiotemporal colorimetry to reveal electrochemical kinetics of poly(o-toluidine) films along ITO surface. <i>Electrochimica Acta</i> , 2018, 269, 350-358.	2.6	9
6	Parallelized biocatalytic scanning probe lithography for the additive fabrication of conjugated polymer structures. <i>Nanoscale</i> , 2018, 10, 7185-7193.	2.8	11
7	Conducting Polymers in the Fields of Energy, Environmental Remediation, and Chemicalâ€“Chiral Sensors. <i>Chemical Reviews</i> , 2018, 118, 4731-4816.	23.0	357
8	Polymers and organic materials-based pH sensors for healthcare applications. <i>Progress in Materials Science</i> , 2018, 96, 174-216.	16.0	122
9	Palladium-silver polyaniline composite as an efficient catalyst for ethanol oxidation. <i>Applied Catalysis A: General</i> , 2018, 554, 24-34.	2.2	30
10	Single-Walled Carbon Nanotube-in-Binary-Polymer Nanofiber Structures and Their Use as Carbon Precursors for Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4189-4198.	1.5	17
11	Study of electropolymerized PEDOT:PSS transducers for application as electrochemical sensors in aqueous media. <i>Sensing and Bio-Sensing Research</i> , 2018, 17, 18-24.	2.2	44
12	Naphthalene Diimide Copolymers by Direct Arylation Polycondensation as Highly Stable Supercapacitor Electrode Materials. <i>Macromolecules</i> , 2018, 51, 954-965.	2.2	47
13	Ion Dynamics at Carbon- <i>Grafted</i> -Polypyrrole Electrodeâ€“Electrolyte Interfaces: Study on Charge Carrier Mobility and Ion Co-Adsorption in Liquid and Hydrogel Electrolytes by Electrochemical, Gravimetric, and Computational Methods. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1890-1902.	1.5	1
14	Flexible Electrochemical Transducer Platform for Neurotransmitters. <i>ACS Omega</i> , 2018, 3, 3489-3500.	1.6	8
15	Electroconductive Gelatin Methacryloyl-PEDOT:PSS Composite Hydrogels: Design, Synthesis, and Properties. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1558-1567.	2.6	75
16	Recent development in hybrid conducting polymers: Synthesis, applications and future prospects. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 53-84.	2.9	120
17	Highly Efficient Gating of Electrically Actuated Nanochannels for Pulsatile Drug Delivery Stemming from a Reversible Wettability Switch. <i>Advanced Materials</i> , 2018, 30, 1703323.	11.1	69
18	New Type of Nitrides with High Electrical and Thermal Conductivities. <i>Chinese Physics Letters</i> , 2018, 35, 087102.	1.3	4

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19	Conductive Cotton by In Situ Laccase-Polymerization of Aniline. <i>Polymers</i> , 2018, 10, 1023.	2.0	19
20	The Metal Oxide Nanoparticles doped Polyaniline based Nanocomposite as Stable Electrode Material for Supercapacitors. , 2018, , .		4
21	Conducting polymer coated filter paper based disposable electronic tongue. , 2018, , .		1
22	Organic Humidity Sensors with Different Materials and Its Application in Environment Monitoring. , 2018, , .		4
23	Synthesis and optical characterization of benzene sulfonic acid doped polyaniline. <i>Engineering Science and Technology, an International Journal</i> , 2018, 21, 1152-1158.	2.0	32
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25	Electrochemically induced charge injection in disordered organic conductive polymers. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	9
26	Fractional and chaotic electrical signatures exhibited by random carbon nanotube networks. <i>Physica Scripta</i> , 2018, 93, 125801.	1.2	13
27	Interface Engineering Strategies for Fabricating Nanocrystal-Based Organic-Inorganic Nanocomposites. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1376.	1.3	14
28	The Energy Consumed by Electrochemical Molecular Machines as Self-Sensor of the Reaction Conditions: Origin of Sensing Nervous Pulses and Asymmetry in Biological Functions. <i>ChemElectroChem</i> , 2018, 5, 3335-3347.	1.7	9
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42	Sensors Based on Conducting Polymers for the Analysis of Food Products. , 2018, , 757-792.		2
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49	UV enhanced ammonia gas sensing properties of PANI/TiO <sub>2</sub> core-shell nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126906.	4.0	54
50	Biomedical Application of Electroactive Polymers in Electrochemical Sensors: A Review. <i>Materials</i> , 2019, 12, 2629.	1.3	32
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60	Conductivity and Density of States of New Polyphenylquinoline. <i>Polymers</i> , 2019, 11, 934.	2.0	2
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