

# Ertugrul Sahmetlioglu

## 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.

51  
papers

1,043  
citations

20  
h-index

30  
g-index

51  
ext. papers

1,239  
ext. citations

4  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
51	Microwave-assisted fabrication of high-performance supercapacitors based on electrodes composed of cobalt oxide decorated with reduced graphene oxide and carbon dots. <i>Journal of Energy Storage</i> , <b>2022</b> , 49, 104103	7.8	3
50	Outstanding supercapacitor performance with intertwined flower-like NiO/MnO <sub>2</sub> /CNT electrodes. <i>Materials Research Bulletin</i> , <b>2022</b> , 149, 111745	5.1	4
49	Highly compressible binder-free sponge supercapacitor electrode based on flower-like NiO/MnO <sub>2</sub> /CNT. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 913, 165053	5.7	1
48	Effects of carbon nanomaterials and MXene addition on the performance of nitrogen doped MnO <sub>2</sub> based supercapacitors. <i>Ceramics International</i> , <b>2021</b> , 48, 7253-7253	5.1	6
47	Electropolymerizations of two novel EDOT-BODIPY zinc oxide nanocomposites and evaluation of their in vitro antibacterial activities. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 1086-1100	3.2	2
46	Antibacterial, Antiviral, and Self-Cleaning Mats with Sensing Capabilities Based on Electrospun Nanofibers Decorated with ZnO Nanorods and Ag Nanoparticles for Protective Clothing Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 5678-5690	9.5	49
45	Horseradish peroxidase-based hybrid nanoflowers with enhanced catalytical activities for polymerization reactions of phenol derivatives. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 2371	3.2	9
44	Synthesis of Ag and TiO modified polycaprolactone electrospun nanofibers (PCL/TiO-Ag NFs) as a multifunctional material for SERS, photocatalysis and antibacterial applications. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 188, 109856	7	30
43	Raman spectroscopy: A novel experimental approach to evaluating cisplatin induced tissue damage. <i>Talanta</i> , <b>2020</b> , 207, 120343	6.2	4
42	Photocatalytic green fabrication of Au nanoparticles on ZnO nanorods modified membrane as flexible and photocatalytic active reusable SERS substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 585, 124088	5.1	26
41	Synthesis of gold and silver nanoparticles using flavonoid quercetin and their effects on lipopolysaccharide induced inflammatory response in microglial cells. <i>3 Biotech</i> , <b>2019</b> , 9, 212	2.8	11
40	Alternative Approach for Synthesizing Polyglycolic Acid Copolymers from C1 Feedstocks and Fatty Ester Epoxides. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 5103-5110	8.3	9
39	Electrochemical Synthesis and Characterization of ZnO Nanocomposite Copolymer Containing Fluorescent Feature Dye. <i>Cumhuriyet Science Journal</i> , <b>2019</b> , 40, 433-439	0.4	
38	Eco-Friendly Fabrication of Plasmonically Active Substrates Based on End-Grafted Poly(ethylene glycol) Layers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 4315-4324	8.3	11
37	Horseradish peroxidase-catalyzed polymerization of ortho-imino-phenol: Synthesis, characterization, thermal stability and electrochemical properties. <i>Journal of Saudi Chemical Society</i> , <b>2017</b> , 21, 731-740	4.3	10
36	Magnetic conductive polymer-graphene nanocomposites based supercapacitors for energy storage. <i>Energy</i> , <b>2017</b> , 138, 883-889	7.9	53
35	ENVIRONMENTALLY FRIENDLY ENZYME-CATALYZED POLYMERIZATION OF A NOVEL PHENOXY-KETIMINE. <i>Environmental Engineering and Management Journal</i> , <b>2017</b> , 16, 1457-1463	0.6	

34	Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl acetate-co-divinylbenzene) nanocomposite for vortex assisted magnetic solid phase extraction of some metal ions. <i>Talanta</i> , <b>2016</b> , 146, 130-7	6.2	107
33	Synthesis and characterization of imine-functionalized polyphenol via enzymatic oxidative polycondensation of a bisphenol derivative. <i>Polymer Bulletin</i> , <b>2016</b> , 73, 163-177	2.4	10
32	Chemoenzymatic polymerization of hydrazone functionalized phenol. <i>Polymer Science - Series B</i> , <b>2016</b> , 58, 411-420	0.8	6
31	Silicon Acetal Metathesis Polymerization. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 466-470	6.6	13
30	Synthesis, characterization, thermal stability and electrochemical properties of ortho-imine-functionalized oligophenol via enzymatic oxidative polycondensation. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	18
29	Synthesis of Conducting Polymer/Zinc Sulfide Nanocomposite Films and Investigation of Their Electrochemical and Morphological Properties. <i>Advances in Polymer Technology</i> , <b>2015</b> , 34, n/a-n/a	1.9	3
28	Enzymatic oxidative polymerization of para-imine functionalized phenol catalyzed by horseradish peroxidase. <i>Polymers for Advanced Technologies</i> , <b>2015</b> , 26, 1123-1129	3.2	16
27	Chemoenzymatic polycondensation of para-benzylamino phenol. <i>Chemical Papers</i> , <b>2015</b> ,	1.9	3
26	Polypyrrole/multi-walled carbon nanotube composite for the solid phase extraction of lead(II) in water samples. <i>Talanta</i> , <b>2014</b> , 119, 447-51	6.2	68
25	Synthesis and Characterization of Conducting Copolymers of Thiophene Derivatives. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2014</b> , 51, 210-216	2.2	7
24	Synthesis and characterization of conducting copolymer of Trans-1-(4-methyl-3?-thienyl)-2-(ferrocenyl)ethene with EDOT. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 126, 808-814	2.9	21
23	Synthesis and characterization of poly{2-[3-(1H-pyrrol-2-yl)phenyl]-1H-pyrrole} and its copolymer with EDOT. <i>Russian Journal of General Chemistry</i> , <b>2011</b> , 81, 2510-2516	0.7	20
22	Synthesis and characterization of conducting copolymers of quinoxaline derivatives. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 1713-1719	2.9	6
21	Synthesis, Characterization and Optoelectrochemical Properties of Poly(2,5-di(thiophen-2-yl)-1-(4-(thiophen-3-yl)phenyl)-1H-pyrrole-co-EDOT). <i>Designed Monomers and Polymers</i> , <b>2010</b> , 13, 261-275	3.1	14
20	Oxidative polymerization of 4-[(4-phenylazo-phenylimino)-methyl]-phenol catalyzed by horseradish peroxidase. <i>Synthetic Metals</i> , <b>2010</b> , 160, 169-172	3.6	21
19	Synthesis and characterization of conducting copolymer of (N 1,N 3-bis(thiophene-3-ylmethylene)benzene-1,3-diamine-co-3,4-ethylenedioxythiophene). <i>Chemical Papers</i> , <b>2010</b> , 64,	1.9	3
18	Synthesis and Characterization of Conducting Copolymers of Bisphenol A-Diglycidyl Ether with Thiophene Side-Groups and Pyrrole. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2009</b> , 46, 584-590	2.2	4
17	Electrochemical Synthesis of a Water-Soluble and Self-Doped Polythiophene Derivative. <i>Designed Monomers and Polymers</i> , <b>2008</b> , 11, 309-317	3.1	14

16	Synthesis and characterization of water-soluble oligosalicylaldehyde-sulfanilic acid and its Cu(II), Co(II), Pb(II) complexes. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 110, 564-568	2.9	9
15	Synthesis, characterization and optoelectrochemical properties of poly(1,6-bis(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexane) and its copolymer with EDOT. <i>Journal of Electroanalytical Chemistry</i> , <b>2008</b> , 621, 55-61	4.1	42
14	Multichromic conducting copolymer of 1-benzyl-2,5-di(thiophen-2-yl)-1H-pyrrole with EDOT. <i>Solar Energy Materials and Solar Cells</i> , <b>2008</b> , 92, 154-159	6.4	49
13	Fine tuning of color via copolymerization and its electrochromic device application. <i>Thin Solid Films</i> , <b>2008</b> , 516, 4139-4144	2.2	35
12	Electrochromic properties of poly (1-(phenyl)-2,5-di(2-thienyl)-1H-pyrrole-co-3,4-ethylenedioxy thiophene) and its application in electrochromic devices. <i>Optical Materials</i> , <b>2008</b> , 30, 1489-1494	3.3	29
11	Synthesis, electrochemical, and antibacterial activity of some novel N4O2 ligand derivatives. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 1458-1462	0.7	
10	Preparation of conductive polybenzoxazines by oxidative polymerization. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 999-1006	2.5	44
9	Electrochromic properties of a soluble conducting polymer of 1-benzyl-2,5-di(thiophene-2-yl)-1H-pyrrole. <i>Sensors and Actuators B: Chemical</i> , <b>2007</b> , 121, 622-628	8.5	47
8	Immobilization of tyrosinase and alcohol oxidase in conducting copolymers of thiophene functionalized poly(vinyl alcohol) with pyrrole. <i>International Journal of Biological Macromolecules</i> , <b>2007</b> , 41, 332-7	7.9	24
7	Immobilization of invertase and glucose oxidase in conducting copolymers of thiophene functionalized poly(vinyl alcohol) with pyrrole. <i>Reactive and Functional Polymers</i> , <b>2006</b> , 66, 365-371	4.6	32
6	Synthesis and Characterization of Conducting Graft Copolymers Based on Oligophenols. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1523-1530	2.2	5
5	A soluble conducting polymer: 1-Phenyl-2,5-di(2-thienyl)-1H-pyrrole and its electrochromic application. <i>Electrochimica Acta</i> , <b>2006</b> , 51, 5412-5419	6.7	46
4	Synthesis and characterization of a new soluble conducting polymer and its electrochromic devices. <i>Organic Electronics</i> , <b>2006</b> , 7, 351-362	3.5	39
3	Synthesis and characterization of oligosalicylaldehyde-based epoxy resins. <i>Chemical Papers</i> , <b>2006</b> , 60,	1.9	14
2	Synthesis and characterization of conducting copolymers of poly(vinyl alcohol) with thiophene side-groups and pyrrole. <i>Polymer International</i> , <b>2004</b> , 53, 2138-2144	3.3	34
1	Synthesis and properties of novel Schiff base oligomers based on oligo-4-hydroxybenzaldehyde. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 1120-1125	2.5	12