

Nuran A-zÅ§iÅ§ek Pekmez

List of Publications by Year in descending order

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50
papers

1,132
citations

304743

22
h-index

414414

32
g-index

50
all docs

50
docs citations

50
times ranked

1133
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical synthesis of bilayer coatings of poly(N-methylaniline) and polypyrrole on mild steel and their corrosion protection performances. <i>Electrochimica Acta</i> , 2011, 56, 9277-9286.	5.2	66
2	An enzyme free potentiometric detection of glucose based on a conducting polymer poly (3-aminophenyl boronic acid-co-3-octylthiophene). <i>Electrochimica Acta</i> , 2013, 90, 358-365.	5.2	60
3	Electrochemical behavior of polyaniline films in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1994, 370, 223-229.	3.8	57
4	Electropolymerization of poly(N-ethyl aniline) on mild steel: Synthesis, characterization and corrosion protection. <i>Electrochimica Acta</i> , 2006, 51, 2949-2955.	5.2	52
5	Corrosion resistance assessment of Co-Cr alloy frameworks fabricated by CAD/CAM milling, laser sintering, and casting methods. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 725-734.	2.8	51
6	Inhibition of corrosion of mild steel by homopolymer and bilayer coatings of polyaniline and polypyrrole. <i>Progress in Organic Coatings</i> , 2007, 59, 297-303.	3.9	50
7	Electrochemical synthesis of poly(N-methylaniline) on an iron electrode and its corrosion performance. <i>Electrochimica Acta</i> , 2008, 53, 5242-5251.	5.2	50
8	Electropolymerization of poly(N-methylaniline) on mild steel: Synthesis, characterization and corrosion protection. <i>Journal of Electroanalytical Chemistry</i> , 2005, 578, 231-238.	3.8	45
9	Poly(N-methylaniline) coatings on stainless steel by electropolymerization. <i>Corrosion Science</i> , 2007, 49, 2905-2919.	6.6	40
10	Poly(N-ethylaniline) coatings on 304 stainless steel for corrosion protection in aqueous HCl and NaCl solutions. <i>Electrochimica Acta</i> , 2008, 53, 2474-2482.	5.2	37
11	Investigation of catalytic effects of the proton and Lewis acids on oligomerization and chemical polymerization of pyrrole. <i>Polymer</i> , 2004, 45, 7011-7016.	3.8	36
12	Electrosynthesis of polypyrrole-vanadium oxide composites on graphite electrode in acetonitrile in the presence of carboxymethyl cellulose for electrochemical supercapacitors. <i>Electrochimica Acta</i> , 2018, 273, 379-391.	5.2	35
13	Corrosion inhibition by poly(N-ethylaniline) coatings of mild steel in aqueous acidic solutions. <i>Progress in Organic Coatings</i> , 2006, 57, 314-318.	3.9	33
14	The effect of monomer and acid concentrations on electrochemical polyaniline formation in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1993, 353, 237-246.	3.8	31
15	The electrochemical copolymerization of pyrrole and bithiophene on stainless steel in the presence of SDS in aqueous medium and its anticorrosive performance. <i>Progress in Organic Coatings</i> , 2014, 77, 1277-1287.	3.9	31
16	Spectroelectrochemical investigations of aniline-thiophene copolymers in acetonitrile. <i>Journal of Applied Polymer Science</i> , 2003, 90, 3417-3423.	2.6	28
17	Galvanostatic deposition of polypyrrole in the presence of tartaric acid for electrochemical supercapacitor. <i>Electrochimica Acta</i> , 2014, 147, 545-556.	5.2	28
18	Electrochemical synthesis of PPy composites with nanostructured MnOx, CoOx, NiOx, and FeOx in acetonitrile for supercapacitor applications. <i>Electrochimica Acta</i> , 2019, 305, 502-513.	5.2	28

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19	Polybithiophene and its bilayers with polyaniline coatings on stainless steel by electropolymerization in aqueous medium. <i>Progress in Organic Coatings</i> , 2009, 65, 462-468.	3.9	26
20	Electropreparation of polyaniline in the presence of anhydrous cuprous ions in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1995, 386, 121-126.	3.8	25
21	Electropolymerization of acetonitrile solutions containing aniline and thiophene. <i>Synthetic Metals</i> , 1999, 104, 9-17.	3.9	25
22	Increased stability of polythiophene in the presence of aniline in acetonitrile. <i>Journal of Applied Polymer Science</i> , 2003, 89, 862-866.	2.6	23
23	The influence of the pure metal components of four different casting alloys on the electrochemical properties of the alloys. <i>Dental Materials</i> , 2009, 25, 1096-1103.	3.5	23
24	Investigation of protective effect of poly(N-ethylaniline) coatings on iron in various corrosive solutions. <i>Surface and Coatings Technology</i> , 2007, 201, 7339-7345.	4.8	18
25	Carbon nanotubes/alizarin red Sâ€™poly(vinylferrocene) modified glassy carbon electrode for selective determination of dopamine in the presence of ascorbic acid. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 457-463.	2.5	17
26	Chemical polymerization of aniline using periodic acid in acetonitrile. <i>Synthetic Metals</i> , 2009, 159, 1486-1490.	3.9	16
27	Poly(vinylferrocenium) perchlorateâ€™polyaniline composite film-coated electrode for amperometric determination of hydroquinone. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1175-1186.	2.5	16
28	Galvanostatic synthesis of nanostructured Agâ€™Ag ₂ O dispersed PPy composite on graphite electrode for supercapacitor applications. <i>International Journal of Energy Research</i> , 2020, 44, 158-170.	4.5	16
29	The electro-oxidation of p-aminodiphenylamine in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 1993, 348, 389-398.	3.8	15
30	Electrocatalysis of polyaniline formation by PbO ₂ in acetonitrile. <i>Journal of Applied Polymer Science</i> , 2003, 87, 599-605.	2.6	15
31	An Enzymeâ€™free H ₂ O ₂ Sensor Based on Poly(2â€™Aminophenylbenzimidazole)/Gold Nanoparticles Coated Pencil Graphite Electrode. <i>Electroanalysis</i> , 2019, 31, 75-82.	2.9	15
32	One-step electrosynthesis of polypyrrole/PbOx composite in acetonitrile as supercapacitor electrode material. <i>Synthetic Metals</i> , 2019, 247, 255-267.	3.9	15
33	The electrochemical properties of four dental casting suprastructure alloys coupled with titanium implants. <i>Journal of Applied Oral Science</i> , 2009, 17, 467-475.	1.8	14
34	Voltammetric determination of cilazapril in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 43-50.	2.8	13
35	Theoretical investigation of the proton effect on electropolymerization of aniline. <i>Polymer</i> , 2003, 44, 2585-2588.	3.8	13
36	Fabrication and characterization of poly(vinylferrocenium) perchlorate/poly(3,4-ethylenedioxythiophene) composite-coated electrode in methylene chloride. <i>Synthetic Metals</i> , 2012, 162, 924-930.	3.9	12

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37	Effect of electrolyte and monomer concentration on anticorrosive properties of poly(N-methylaniline) and poly(N-ethylaniline) coated mild steel. <i>Synthetic Metals</i> , 2006, 156, 664-670.	3.9	8
38	Electrochemical synthesis and corrosion protection of poly(3-aminophenylboronic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (acid- <i>Journal of Applied Polymer Science</i> , 2019, 142, 4655-4663.	3.6	8
39	Memristive behavior of TiOx obtained via Pb(II)-assisted anodic oxidation process. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5733-5743.	2.2	7
40	One-step electrochemical deposition of thin film titanium suboxide in basic titanyl sulfate solution at room temperature. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 975-986.	2.5	6
41	Room temperature electrosynthesis of TinO2n-1 film and its bilayer with PNMPy on mild steel for corrosion protection in sulphuric acid. <i>Electrochimica Acta</i> , 2021, 376, 137996.	5.2	6
42	Evaluation of corrosion resistance of Co-Cr alloys fabricated with different metal laser sintering systems. <i>Journal of Advanced Prosthodontics</i> , 2020, 12, 114.	2.6	5
43	Electropreparation of (Å±)â€10â€camphorsulfonateâ€doped poly(<i>o</i>â€phenylenediamine) in acetonitrile and its use in determination of glucose. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
44	Chargeâ€Transfer Complex of <i>p</i>â€Aminodiphenylamine with Maleic Anhydride: Spectroscopic, Electrochemical, and Physical Properties. <i>ChemPhysChem</i> , 2016, 17, 2056-2065.	2.1	4
45	Electrochemical preparation of poly(vinylferrocenium)perchlorate-polyaniline composite-modified platinum electrode in methylene chloride. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1855-1877.	1.0	3
46	Electroreduction of 1,4â€benzoquinone and cobaltocenium perchlorate on the oxidized electroinactive polyaniline films in acetonitrile. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1998, 102, 843-847.	0.9	2
47	Development of an amperometric enzyme electrode based on poly(o-phenylenediamine) for the determination of total cholesterol in serum. <i>Journal of the Brazilian Chemical Society</i> , 2012, , .	0.6	1
48	Investigation of the behavior of hydrogenâ€bonded phenolic compounds and their determination by using poly(vinylferrocenium)â€“polyaniline composite film. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	1
49	4.2â€%V Stack of metaloxideâ€polypyrroleâ€based composite electrodes and their power management. <i>International Journal of Energy Research</i> , 2020, 44, 8666-8680.	4.5	1
50	Electropreparation and electrochemical stability of polythiophenes in acetonitrile containing anhydrous HBF4. <i>Journal of Applied Polymer Science</i> , 2000, 77, 312-322.	2.6	1