

Ahmet M A-nal

List of Publications by Year in descending order

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118
papers

1,930
citations

304368

22
h-index

344852

36
g-index

118
all docs

118
docs citations

118
times ranked

1740
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the donor units on the properties of fluorinated acceptor based systems. <i>Dyes and Pigments</i> , 2021, 185, 108955.	2.0	10
2	Polyhedral oligomeric silsesquioxanes appended conjugated soluble polymers based on thieno[3,4-c]pyrrole-4,6-dione acceptor unit. <i>Electrochimica Acta</i> , 2021, 377, 138064.	2.6	7
3	Metal oxides supported cobalt nanoparticles: Active electrocatalysts for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2021, 393, 139053.	2.6	19
4	Synthesis and electropolymerization of donor-acceptor-donor type monomers based on azobenzene-substituted thieno[3,4-c]pyrrole-4,6-dione acceptors. <i>Electrochimica Acta</i> , 2021, 398, 139325.	2.6	9
5	Ceria Supported Nickel(0) Nanoparticles: A Highly Active and Low Cost Electrocatalyst for Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2020, 167, 106513.	1.3	8
6	Binder-free iridium based electrocatalysts: Facile preparation, high activity and outstanding stability for hydrogen evolution reaction in acidic medium. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 11-20.	5.0	12
7	Synthesis and electropolymerization of thieno[3,4-c]pyrrole-4,6-dione based donor-acceptor-donor type monomers. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 114000.	1.9	13
8	Effect of fluorine substituted benzothiadiazole on electro-optical properties of donor-acceptor-donor type monomers and their polymers. <i>Dyes and Pigments</i> , 2020, 182, 108622.	2.0	20
9	Cross-exchange of donor units in donor-acceptor-donor type conjugated molecules: Effect of symmetrical and unsymmetrical linkage on the electrochemical and optical properties. <i>Tetrahedron</i> , 2020, 76, 131164.	1.0	11
10	High Durability and Electrocatalytic Activity Toward Hydrogen Evolution Reaction with Ultralow Rhodium Loading on Titania. <i>Journal of the Electrochemical Society</i> , 2020, 167, 156501.	1.3	10
11	Investigation of Fluorine Atom Effect on Benzothiadiazole Acceptor Unit in Donor Acceptor Donor Systems. <i>Journal of the Electrochemical Society</i> , 2019, 166, G141-G147.	1.3	13
12	Nanowires assembled from iron manganite nanoparticles: Synthesis, characterization, and investigation of electrocatalytic properties for water oxidation reaction. <i>Journal of Materials Research</i> , 2019, 34, 3231-3239.	1.2	7
13	Chromium substituted iron oxide nanowires as affordable electrocatalysts for oxygen evolution reaction. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	11
14	Efficient Ceria-Supported Rhodium Nanoparticles as an Electrocatalyst for Hydrogen Evolution. <i>Journal of the Electrochemical Society</i> , 2019, 166, H897-H903.	1.3	8
15	Magnesium substituted cobalt spinel nanostructures for electrocatalytic water oxidation. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 315-325.	1.5	16
16	Ceria supported ruthenium(0) nanoparticles: Highly efficient catalysts in oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 704-710.	5.0	37
17	Electrochemical and optical properties of substituted phthalimide based monomers and electrochemical polymerization of 3,4-ethylenedioxythiophene-polyhedral oligomeric silsesquioxane (POSS) analogue. <i>Dyes and Pigments</i> , 2019, 161, 411-418.	2.0	8
18	Electrochemical and optical properties of dicyclohexylmethyl substituted poly(3,4-ethylenedioxythiophene) analogue. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46214.	1.3	5

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19	Nanoceria-Supported Ruthenium(0) Nanoparticles: Highly Active and Stable Catalysts for Hydrogen Evolution from Water. ACS Applied Materials & Interfaces, 2018, 10, 6299-6308.	4.0	80
20	Carbazole based electrochromic polymers bearing ethylenedioxy and propylenedioxy scaffolds. Journal of Electroanalytical Chemistry, 2018, 815, 158-165.	1.9	18
21	Synthesis and electrochemical polymerization of D-A-D type monomers with thieno[3,4-c]pyrrole-4,6-dione acceptor unit. Dyes and Pigments, 2018, 158, 175-182.	2.0	22
22	Titania, zirconia and hafnia supported ruthenium(0) nanoparticles: Highly active hydrogen evolution catalysts. Journal of Colloid and Interface Science, 2018, 531, 570-577.	5.0	15
23	Effect of Thiophene Units on the Properties of Donor Acceptor Type Monomers and Polymers Bearing Thiophene-Benzothiadiazole- Scaffolds. Journal of the Electrochemical Society, 2016, 163, G153-G158.	1.3	15
24	Synthesis and electrochemical polymerization of diketopyrrolopyrrole based donor-acceptor-donor monomers containing 3,6- and 2,7-linked carbazoles. Polymer Chemistry, 2016, 7, 6110-6119.	1.9	21
25	Synthesis and electro-optical properties of a new copolymer based on EDOT and carbazole. Designed Monomers and Polymers, 2016, 19, 679-687.	0.7	11
26	Synthesis and Electrochemical Polymerization of Dithienosilole-Based Monomers Bearing Different Donor Units. Journal of the Electrochemical Society, 2016, 163, G69-G74.	1.3	6
27	Propylenedioxy and Benzimidazole Based Electrochromic Polymers. Journal of the Electrochemical Society, 2016, 163, G53-G60.	1.3	10
28	NEW EDOT CONTAINING POLYMERS: EFFECT OF RING SIZE ON THE BENZIMIDAZOLE ACCEPTOR. Electrochimica Acta, 2016, 188, 165-174.	2.6	14
29	Electrochemical synthesis of new conjugated polymers based on carbazole and furan units. Journal of Electroanalytical Chemistry, 2015, 750, 1-8.	1.9	14
30	Synthesis of New Thienylene Pyrrole Monomers and Their Electropolymerizations. Journal of the Electrochemical Society, 2014, 161, G115-G121.	1.3	8
31	Electrochemical Behavior of Hydrazine Borane in Methanol Solution. Journal of the Electrochemical Society, 2014, 161, F1171-F1175.	1.3	1
32	Spectroelectrochemical investigations of pyrimidine-2-thionato-bridged binuclear platinum(III) complexes. Polyhedron, 2014, 74, 122-128.	1.0	4
33	A new blue light emitting and electrochromic polyfluorene derivative for display applications. Organic Electronics, 2014, 15, 500-508.	1.4	33
34	Electrochemical polymerization of a new low-voltage oxidized thienylenepyrrole derivative and its electrochromic device application. Journal of Electroanalytical Chemistry, 2014, 729, 15-20.	1.9	21
35	Optical and electronic properties of fluorene-based copolymers and their sensory applications. Journal of Polymer Science Part A, 2013, 51, 815-823.	2.5	15
36	Synthesis and electro-optical properties of new conjugated hybrid polymers based on furan and fluorene units. Electrochimica Acta, 2013, 89, 339-345.	2.6	19

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37	Furan and benzochalcogenodiazole based multichromic polymers via a donor-acceptor approach. <i>Polymer Chemistry</i> , 2013, 4, 2457.	1.9	53
38	Members of CMY Color Space: Cyan and Magenta Colored Polymers Based on Oxadiazole Acceptor Unit. <i>Macromolecules</i> , 2012, 45, 729-734.	2.2	53
39	Synthesis and electropolymerization of an ion sensing and fluorescent fluorene derivative bearing a quinoxaline moiety and its analogues with different donor units. <i>Reactive and Functional Polymers</i> , 2012, 72, 613-620.	2.0	23
40	Synthesis and electropolymerization of a new ion sensitive ethylenedioxy-substituted terthiophene monomer bearing a quinoxaline moiety. <i>Journal of Electroanalytical Chemistry</i> , 2012, 677-680, 9-14.	1.9	23
41	Substituent and heteroatom effects on the electrochromic properties of similar systems. <i>Journal of Polymer Science Part A</i> , 2012, 50, 615-621.	2.5	23
42	New fluorene-xanthene-based hybrid electrochromic and fluorescent polymers via donor-acceptor approach. <i>Electrochimica Acta</i> , 2012, 66, 38-44.	2.6	19
43	Donor-acceptor polymer electrochromes with cyan color: Effect of alkyl chain length on doping processes. <i>Organic Electronics</i> , 2012, 13, 206-213.	1.4	24
44	A blue to highly transmissive soluble electrochromic polymer based on poly(3,4-propylenedioxy-selenophene) with a high stability and coloration efficiency. <i>Journal of Materials Chemistry</i> , 2011, 21, 5268.	6.7	69
45	A new processable electrochromic polymer based on an electron deficient fluorene derivative with a high coloration efficiency. <i>Electrochimica Acta</i> , 2011, 58, 223-230.	2.6	33
46	Synthesis of a novel fluorescent and ion sensitive monomer bearing quinoxaline moieties and its electropolymerization. <i>Reactive and Functional Polymers</i> , 2011, 71, 579-587.	2.0	21
47	Soluble alkyl substituted poly(3,4-propylenedioxy-selenophene): A new platform for optoelectronic materials. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4398-4405.	2.5	31
48	Electropolymerization of a new 4-(2,5-di-(2-thiophen-2-yl)-pyrrol-1-yl)-tetra substituted nickel phthalocyanine derivative. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1293-1299.	1.3	21
49	Electrochemical copolymerization and characterization of dianilines linked by polyether bridge with aniline. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 865-873.	1.5	6
50	A Diverse Stimuli Responsive Chemiluminescent Probe with Luminol Scaffold and Its Electropolymerization. <i>Electroanalysis</i> , 2010, 22, 2254-2260.	1.5	34
51	Electrochromic performance and ion sensitivity of a terthienyl based fluorescent polymer. <i>Reactive and Functional Polymers</i> , 2010, 70, 244-250.	2.0	26
52	Synthesis and electropolymerization of the phthalocyanines with 4-(2,5-di-2-thiophen-2-yl-pyrrol-1-yl) substituents. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 116-122.	1.9	38
53	A new soluble neutral state black electrochromic copolymer via a donor-acceptor approach. <i>Organic Electronics</i> , 2010, 11, 1255-1260.	1.4	95
54	Electrochemical polymerization of an electron deficient fluorene derivative bearing ethylenedioxythiophene side groups. <i>Electrochimica Acta</i> , 2010, 55, 779-784.	2.6	22

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55	Donor-Acceptor Polymer Electrochromes with Tunable Colors and Performance. Chemistry of Materials, 2010, 22, 4034-4044.	3.2	139
56	Synthesis and characterization of a new conducting polymer based on 4-(2,5-di(2-thienyl)pyrrol-1-yl)phthalonitrile. Journal of Applied Polymer Science, 2009, 114, 2685-2690.	1.3	21
57	Template-free microsphere and hollow sphere formation of polymethylanilines. Polymer International, 2009, 58, 674-679.	1.6	5
58	Electropolymerization and ion sensitivity of chemiluminescent thienyl systems. Electrochimica Acta, 2009, 54, 6740-6746.	2.6	8
59	Synthesis and properties of a novel redox driven chemiluminescent material built on a terthienyl system. Tetrahedron, 2009, 65, 5776-5781.	1.0	19
60	Electrochemical co-polymerization of a novel fluorene derivative with 3,4-ethylenedioxythiophene. Journal of Electroanalytical Chemistry, 2009, 632, 143-148.	1.9	21
61	A glow in the dark: synthesis and electropolymerization of a novel chemiluminescent terthienyl system. Chemical Communications, 2009, , 307-309.	2.2	17
62	A fast switching, low band gap, p- and n-dopable, donor-acceptor type polymer. Journal of Electroanalytical Chemistry, 2008, 615, 75-83.	1.9	36
63	A novel conducting polymer based on terthienyl system bearing strong electron-withdrawing substituents and its electrochromic device application. Journal of Electroanalytical Chemistry, 2008, 618, 87-93.	1.9	23
64	Electrochemical polymerization of 9-fluorencarboxylic acid and its electrochromic device application. Thin Solid Films, 2008, 516, 7329-7334.	0.8	24
65	Impedance spectroscopy of Na-substituted oligo-xyethylene polypyrrole films. Journal of Applied Polymer Science, 2008, 108, 2373-2378.	1.3	3
66	Synthesis of N-polyetheral polypyrroles and their application for the preconcentration of rare earth ions. Journal of Applied Polymer Science, 2008, 108, 2707-2711.	1.3	2
67	Investigation of the Effect of Dopant on Characteristics of Poly(3-methyl thiophene) via Pyrolysis Mass Spectrometry. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 259-263.	1.2	7
68	Electrosynthesis of polyfuran in acetonitrile-boron trifluoride-ethyl ether mixture and its device application. Journal of Applied Polymer Science, 2007, 103, 871-876.	1.3	15
69	Anodic polymerization of 2,5-di-(2-thienyl)-furan in ethanol. Electrochimica Acta, 2007, 52, 8039-8043.	2.6	11
70	Synthesis, characterization, and electrochemistry of tetracarbonyl(6-ferrocenyl-2,2'-bipyridine)tungsten(0). Journal of Organometallic Chemistry, 2007, 692, 1983-1989.	0.8	12
71	Electrochemical polymerization and characterization of polyether-substituted aniline derivatives. Polymer International, 2007, 56, 1040-1044.	1.6	1
72	Electrochemical synthesis of poly(3-bromo-4-methoxythiophene) and its device application. Journal of Electroanalytical Chemistry, 2007, 601, 68-76.	1.9	23

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73	Electrochemical Polymerization of Para-Substituted Haloanilines. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 153-163.	1.2	3
74	Synthesis and electrochemistry of Group 6 tetracarbonyl (N,N'-bis(ferrocenylmethylene)ethylenediamine)metal(0) complexes. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5030-5037.	0.8	6
75	Electrochemical copolymerization of 2-substituted thiophene derivative linked by polyether bridge with thiophene. <i>Journal of Electroanalytical Chemistry</i> , 2005, 583, 104-108.	1.9	6
76	Electrochemistry of nickel(II) complexes with N,N'-bis(3,5-di-tert-butylsalicylidene)polymethylenediamines. <i>Polyhedron</i> , 2005, 24, 1821-1828.	1.0	17
77	Pyrolysis Mass Spectrometry Analysis of Electrochemically Grafted Polyacrylonitrile with Thiophene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005, 42, 1387-1397.	1.2	6
78	Synthesis of a regular polymer containing pseudo-polyether cages. <i>Synthetic Metals</i> , 2005, 150, 39-45.	2.1	4
79	Pyrolysis Mass Spectrometry Analysis of BF ₄ ⁻ Doped Polythiophene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004, 41, 713-725.	1.2	11
80	Electrochemical polymerization of 9-fluorenone. <i>Journal of Electroanalytical Chemistry</i> , 2004, 568, 151-156.	1.9	24
81	Spectroelectrochemical investigation of the anodic oxidation of dibenzo-18-crown-6. <i>Journal of Electroanalytical Chemistry</i> , 2004, 571, 159-167.	1.9	1
82	Synthesis and polymerization of 2- and 3-substituted thiophene derivatives linked by polyether bridges. <i>Journal of Electroanalytical Chemistry</i> , 2004, 573, 189-196.	1.9	2
83	Electrochemical polymerisation of 2-aminofluorene in ethylalcohol/water medium. <i>European Polymer Journal</i> , 2004, 40, 1875-1880.	2.6	15
84	Synthesis and polymerization of 2- and 3-substituted thiophene derivatives linked by polyether bridges. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 2004, 573, 189-196.	0.3	2
85	Electrochemical and quantum chemical studies on mitomycin and adriamycin. <i>Journal of Molecular Structure</i> , 2003, 654, 81-93.	1.8	10
86	Characterization of BF ₄ ⁻ doped polythiophene via pyrolysis mass spectrometry. <i>Synthetic Metals</i> , 2003, 135-136, 453-454.	2.1	8
87	Spectroelectrochemical Investigation of Pentacarbonyl(pyrazine)metal(0) (Metal = Cr, Mo, W) Complexes of Group 6 Elements. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 92-98.	0.3	5
88	Electrochemical behaviour and electrochemical polymerization of fluoro-substituted anilines. <i>Polymer International</i> , 2002, 51, 680-686.	1.6	21
89	Low-temperature Spectroelectrochemistry of Tetraethylammonium Tris(ethylxanthato)nickelate(II) and Bis(ethylxanthato)nickel(II) Complexes. <i>Inorganic Reaction Mechanisms</i> , 2002, 4, 133-139.	0.4	1
90	Spectroelectrochemistry of potassium ethylxanthate, bis(ethylxanthato)nickel(ii) and tetraethylammonium tris(ethylxanthato)nickelate(ii). <i>Dalton Transactions RSC</i> , 2001, , 2819-2824.	2.3	11

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91	Synthesis and characterization of fluorine-substituted polyanilines. European Polymer Journal, 2001, 37, 1767-1772.	2.6	32
92	Electrochemical polymerization of 4-allylanisole. European Polymer Journal, 2001, 37, 1747-1752.	2.6	4
93	Electrochemical polymerisation of (2,4,6-trihalophenolato)nickel(II) complexes in solution. European Polymer Journal, 2001, 37, 2017-2023.	2.6	7
94	Spectro-Electrochemistry of Diethyldithiocarbamate Complexes of Ni(II), Pd(II) and Pt(II). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 202-208.	0.3	2
95	ESR and conductivity investigations on electrochemically synthesized polyfuran and polythiophene. Journal of Physics and Chemistry of Solids, 2000, 61, 907-913.	1.9	12
96	Electroinitiated polymerization of 2-allylphenol. Polymer Bulletin, 2000, 45, 45-52.	1.7	9
97	Gamma-radiation initiated addition of allylbenzene to the morpholine. Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 91-96.	0.7	1
98	Radiation induced chain addition of allylbenzene to 1,4-dioxane. Journal of Radioanalytical and Nuclear Chemistry, 1999, 240, 953-957.	0.7	2
99	POLYMERIZATION BY BIS(ETHYLXANTHATO)-NICKEL(II) AS AN INITIATOR. I. POLYMERIZATION OF STYRENE OXIDE. Journal of Macromolecular Science - Pure and Applied Chemistry, 1999, 36, 115-135.	1.2	0
100	ESR study of radiation resistance of some aza- and thiocrown ethers at 77 K. Journal of Radioanalytical and Nuclear Chemistry, 1998, 230, 39-45.	0.7	6
101	Electrochemical Study of Tricarbonyl(1-6-cyclooctatetraene)metal(0) Complexes of the Group 6 Elements. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 875-880.	0.3	0
102	Thermal analysis of electroinitiated and radiation induced poly(epoxycyclopentanes) and poly(epoxycyclohexanes) by mass spectrometry. European Polymer Journal, 1995, 31, 103-107.	2.6	3
103	Electroinitiated polymerization of allylphenylether. Journal of Polymer Science Part A, 1995, 33, 1817-1821.	2.5	9
104	Radiation effect on polyadenylic acid in aqueous solution. Radiation Physics and Chemistry, 1995, 46, 901-904.	1.4	1
105	Studies on the strand-breaking activity of the ascorbate/copper(ii) system in poly(adenylic acid). Polymer, 1995, 36, 2969-2972.	1.8	0
106	Viscosity Molecular Weight Determination of Polyadenylic Acid. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 553-562.	1.2	0
107	Pyrolysis Studies to Investigate Effects of Polymerization Techniques on Structure and Thermal Behavior of Poly(1,2-Epoxy-4-epoxyethylcyclohexanes). Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 1167-1181.	1.2	1
108	Free radical mediated interaction of ascorbic acid and ascorbate/Cu(II) with viral and plasmid DNAs. Journal of Biosciences, 1994, 19, 9-17.	0.5	16

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109	Radiation-induced and electroinitiated polymerization of allylbenzene. <i>Polymer</i> , 1990, 31, 1564-1567.	1.8	8
110	A new electrochemical method for the production of stable ascorbate free radicals. <i>Journal of Proteomics</i> , 1990, 20, 137-142.	2.4	2
111	Polymerization of N-vinylcarbazole initiated by UV-radiation. <i>British Polymer Journal</i> , 1989, 21, 71-76.	0.7	6
112	Electrochemistry of tricarbonyl(η^6 -1,3,5-cycloheptatriene)metal(O) complexes of the group 6B elements in aprotic media. <i>Inorganica Chimica Acta</i> , 1989, 156, 281-284.	1.2	1
113	^3H -Radiolysis of Poly(A) in Aqueous Solution: Efficiency of Strand Break Formation by Primary Water Radicals. <i>International Journal of Radiation Biology</i> , 1988, 53, 787-796.	1.0	33
114	Lifetime of Peroxyl Radicals of Poly(U), Poly(A) and Single-and Double-Stranded DNA and the Rate of Their Reaction with Thiols. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1986, 50, 103-110.	1.0	53
115	Electroinitiated and radiation-induced polymerisation of epoxycyclopentane. <i>British Polymer Journal</i> , 1984, 16, 102-104.	0.7	4
116	Electroinitiated and radiation-induced polymerisation of epoxycyclohexane. <i>British Polymer Journal</i> , 1983, 15, 179-182.	0.7	6
117	Radiation-induced and electroinitiated polymerisation of 1, 2-Epoxy-4-epoxyethylcyclohexane. <i>British Polymer Journal</i> , 1983, 15, 187-189.	0.7	7
118	The Utilization of Iridium Nanoparticles Impregnated on Metal Oxides (Ceria, Titania, and Zirconia) with a Simple and Ecologically Safe Synthesis Approach in Oxygen Evolution Reactions. <i>Journal of the Electrochemical Society</i> , 0, , .	1.3	0