Arif Kivrak

List of Publications by Year
in descending order

58	1,229	361296	395590
papers	citations	20 h-index	33 g-index

66	66	66	1232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Pyrazoles via Electrophilic Cyclization. Journal of Organic Chemistry, 2011, 76, 6726-6742.	1.7	125
2	Effect of Schiff Bases Containing Pyridyl Group as Corrosion Inhibitors for Low Carbon Steel in 0.1ÂM HCl. Journal of Applied Electrochemistry, 2005, 35, 1025-1032.	1.5	110
3	Synthesis of Pyrazoles via CuI-Mediated Electrophilic Cyclizations of Î±,Î²-Alkynic Hydrazones. Journal of Organic Chemistry, 2011, 76, 9379-9390.	1.7	110
4	Synthesis of Dihydrobenzisoxazoles by the [3 + 2] Cycloaddition of Arynes and Oxaziridines. Journal of Organic Chemistry, 2010, 75, 7381-7387.	1.7	52
5	Electrochemical detection of malathion pesticide using acetylcholinesterase biosensor based on glassy carbon electrode modified with conducting polymer film. Environmental Science and Pollution Research, 2016, 23, 12343-12351.	2.7	44
6	Atomic molar ratio optimization of carbon nanotube supported PdAuCo catalysts for ethylene glycol and methanol electrooxidation in alkaline media. Chemical Papers, 2019, 73, 425-434.	1.0	41
7	A novel synthesis of 1,2,4-oxadiazoles and isoxazoles. Tetrahedron, 2014, 70, 817-831.	1.0	39
8	One-pot synthesis of 4-(phenylselanyl)-substituted pyrazoles. Tetrahedron Letters, 2016, 57, 993-997.	0.7	38
9	Efficient one-pot synthesis of cyanoferrocene from ferrocenecarboxaldehyde using NH2OHÂ·HCl/KI/ZnO/CH3CN system. Journal of Organometallic Chemistry, 2007, 692, 2346-2349.	0.8	34
10	A new processable electrochromic polymer based on an electron deficient fluorene derivative with a high coloration efficiency. Electrochimica Acta, 2011, 58, 223-230.	2.6	33
11	Novel carbon nanotube supported Co@Ag@Pd formic acid electrooxidation catalysts prepared via sodium borohydride sequential reduction method. Materials Chemistry and Physics, 2020, 241, 122422.	2.0	29
12	A Camouflage Material: p- and n-Type Dopable Furan Based Low Band Gap Electrochromic Polymer and Its EDOT Based Copolymer. Electrochimica Acta, 2015, 182, 537-543.	2.6	28
13	Electrosynthesis of a new indole based donor-acceptor-donor type polymer and investigation of its electrochromic properties. Materials Chemistry and Physics, 2017, 188, 68-74.	2.0	27
14	A comparative analysis for anti-viral drugs: Their efficiency against SARS-CoV-2. International Immunopharmacology, 2021, 90, 107232.	1.7	27
15	Carbon monoxide and formic acid electrooxidation study on Au decorated Pd catalysts prepared via microwave assisted polyol method. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 545-552.	1.0	25
16	Tailoring the metallic composition of Pd, Pt, and Au containing novel trimetallic catalysts to achieve enhanced formic acid electrooxidation activity. Ionics, 2020, 26, 3109-3121.	1.2	24
17	Synthesis and electropolymerization of an ion sensing and fluorescent fluorene derivative bearing a quinoxaline moiety and its analogues with different donor units. Reactive and Functional Polymers, 2012, 72, 613-620.	2.0	23
18	Synthesis and electropolymerization of a new ion sensitive ethylenedioxy-substituted terthiophene monomer bearing a quinoxaline moiety. Journal of Electroanalytical Chemistry, 2012, 677-680, 9-14.	1.9	23

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19	In silico molecular docking and dynamic simulation of eugenol compounds against breast cancer. Journal of Molecular Modeling, 2022, 28, 17.	0.8	22
20	Synthesis of a novel fluorescent and ion sensitive monomer bearing quinoxaline moieties and its electropolymerization. Reactive and Functional Polymers, 2011, 71, 579-587.	2.0	21
21	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
22	Synthesis and solar-cell applications of novel furanyl-substituted anthracene derivatives. Optical Materials, 2017, 73, 206-212.	1.7	21
23	Facile and Rapid Synthesis of Microwave Assisted Pd Nanoparticles as Non-Enzymatic Hydrogen Peroxide Sensor. International Journal of Electrochemical Science, 2017, , 762-769.	0.5	21
24	Synthesis and biological evaluation of novel benzothiophene derivatives. Journal of Chemical Sciences, 2018, 130, 1.	0.7	21
25	A novel glucose oxidase biosensor based on poly([2,2â€²;5â€²,2â€³]-terthiophene-3â€²-carbaldehyde) modified electrode. International Journal of Biological Macromolecules, 2015, 79, 262-268.	3.6	19
26	A novel nonenzymatic hydrogen peroxide amperometric sensor based on Pd@CeO2-NH2 nanocomposites modified glassy carbon electrode. Materials Science and Engineering C, 2018, 90, 454-460.	3.8	19
27	Novel benzothiophene based catalyst with enhanced activity for glucose electrooxidation. International Journal of Hydrogen Energy, 2020, 45, 28706-28715.	3.8	19
28	A novel one-pot synthesis of ferrocenyl-substituted 1,2,4-oxadiazoles. Journal of Organometallic Chemistry, 2014, 759, 67-73.	0.8	18
29	Indoleâ€based novel organic anode catalyst for glucose electrooxidation. International Journal of Energy Research, 2022, 46, 1659-1671.	2.2	16
30	Synthesis and biological activity of new indole based derivatives as potent anticancer, antioxidant and antimicrobial agents. Journal of Molecular Structure, 2022, 1263, 133168.	1.8	16
31	Synthesis, Biological Evaluation and Molecular Docking of Novel Thiopheneâ€Based Indole Derivatives as Potential Antibacterial, GST Inhibitor and Apoptotic Anticancer Agents. ChemistrySelect, 2020, 5, 5809-5814.	0.7	15
32	A novel electrochemical sensor for monitoring ovarian cancer tumor protein CA 125 on benzothiophene derivative based electrodes. Journal of Electroanalytical Chemistry, 2022, 904, 115854.	1.9	15
33	Synthesis of thiophenyl-substituted unsymmetrical anthracene derivatives and investigation of their electrochemical and electrooptical properties. Solar Energy Materials and Solar Cells, 2017, 161, 31-37.	3.0	13
34	Synthesis of tetracyanoethyleneâ€substituted ferrocene and its device properties. Applied Organometallic Chemistry, 2018, 32, e4512.	1.7	12
35	Synthesis of Ferrocene Based Naphthoquinones and its Application as Novel Nonâ€enzymatic Hydrogen Peroxide. Electroanalysis, 2020, 32, 1178-1185.	1.5	11
36	New strategy for the synthesis of 3-ethynyl-2-(thiophen-2-yl)benzo[b]thiophene derivatives. Chemical Papers, 2019, 73, 977-985.	1.0	10

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37	Discovery of potential mTOR inhibitors from Cichorium intybus to find new candidate drugs targeting the pathological protein related to the breast cancer: an integrated computational approach. Molecular Diversity, 2023, 27, 1141-1162.	2.1	9
38	Synthesis and Evaluation of Antioxidant, Antimicrobial and Anticancer Properties of 2-(Prop-2-yn-1-yloxy)benzaldehyde Derivatives. Letters in Organic Chemistry, 2019, 16, 415-423.	0.2	8
39	Glucose Electrooxidation Study on 3-iodo-2-(aryl/alkyl)benzo[b]thiophene Organic Catalyst. Journal of Electronic Materials, 2022, 51, 1653-1662.	1.0	7
40	Synthesis and characterization of 4-(2-(4-methoxyphenyl)benzo[b]thiophen-3-yl)benzaldehyde for carbohydrate antigen 125 electrochemical detection and molecular docking modeling. Materials Chemistry and Physics, 2022, 281, 125951.	2.0	7
41	Design, Synthesis, andIn vitroEvaluation of Thieno[a]dibenzothiophene Derivatives. ChemistrySelect, 2020, 5, 3700-3709.	0.7	6
42	Identification of 3-Bromo-1-Ethyl-1H-Indole as a Potent Anticancer Agent with Promising Inhibitory Effects on GST Isozymes. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1292-1300.	0.9	6
43	Design, synthesis and pharmacological evaluation of novel Artemisinin-Thymol. Natural Product Research, 2021, , 1-9.	1.0	6
44	Synthesis and biological properties of novel 1-methyl-2-(2-(prop-2-yn-1-yloxy)benzylidene) hydrazine analogues. Turkish Journal of Chemistry, 2018, 42, .	0.5	5
45	Corrigendum to "Facile and Rapid Synthesis of Microwave Assisted Pd Nanoparticles as Non-Enzymatic Hydrogen Peroxide Sensor" [Int. J. Electrochem. Sci.,12 (2017) 762â€“769, doi: 10.20964/2017.01.26]. International Journal of Electrochemical Science, 2018, 13, 2186-2192.	0.5	4
46	Design of 2-(4-(2-pentyllbenzo[b]thiophen-3-yl)benzylidene)malononitrile based remarkable organic catalyst towards hydrazine electrooxidation. Journal of Electroanalytical Chemistry, 2021, 888, 115218.	1.9	4
47	Synthesis of novel artesunate-benzothiophene and artemisinin-benzothiophene derivatives. Natural Product Research, 2022, 36, 5228-5234.	1.0	4
48	Synthesis, Optimization, ADME Analysis, and Antioxidant Activity of 2-(Arylethynyl)-3-ethynylthiophenes. Russian Journal of Organic Chemistry, 2021, 57, 91-99.	0.3	4
49	Electrochemical polymerization of a new alkoxy-bridged dithieno (3,2-B:2',3'-D) pyrrole derivative. Turkish Journal of Chemistry, 2018, 42, .	0.5	3
50	Synthesis of Novel Benzothiophene Derivatives via Cyclization Reactions. Russian Journal of Organic Chemistry, 2020, 56, 1272-1278.	0.3	3
51	A Novel 4H-Chromen-4-One Derivative from Marine Streptomyces ovatisporus S4702T as Potential Antibacterial and Anti-Cancer Agent. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 362-370.	0.9	3
52	Synthesis, Cytotoxicity, Antioxidant and Antimicrobial Activity of Indole Based Novel Small Molecules. Letters in Drug Design and Discovery, 2021, 18, 461-470.	0.4	3
53	Superior and Novel Carbohydrate Antigen 125 Electrochemical Sensor Based on 4-(2-(Naphthalen-1-Yl)benzo[b]thiophen-3-Yl)benzaldehyde. SSRN Electronic Journal, 0, , .	0.4	1
54	A Thiophene Derivative, 2â€Bromoâ€5â€(2â€(methylthio)phenyl)thiophene, Has Effective Anticancer Potential with Other Biological Properties. ChemistrySelect, 2022, 7, .	0.7	1

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55	GREEN SYNTHESIS OF 1-METHYL-2-PHENYL-3-(THIOPHEN-2-YL)-1H-INDOLE. International Journal of Ecosystems and Ecology Science (IJEES), 2021, 11, 667-670.	0.0	0
56	Design and synthesis of novel benzothiophene and dibenzothiophene derivatives and their biological properties. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-9-16.	0.0	0
57	Synthesis of Ethynylâ€Thiophene Derivatives, Antioxidant Properties and ADME Analysis. ChemistrySelect, 2022, 7, .	0.7	0
58	Synthesis of Novel Artemisinin Derivatives and Their Electrochemical Properties. ChemistrySelect, 2022, 7, .	0.7	0