Arif Kivrak

List of Publications by Year
in descending order

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58 papers	1,229 citations	361045 20 h-index	395343 33 g-index
66 all docs	66 docs citations	66 times ranked	1232 citing authors

#	Article	IF	Citations
1	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
2	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
3	Synthesis of novel artesunate-benzothiophene and artemisinin-benzothiophene derivatives. Natural Product Research, 2022, 36, 5228-5234.	1.0	4
4	Indoleâ€based novel organic anode catalyst for glucose electrooxidation. International Journal of Energy Research, 2022, 46, 1659-1671.	2.2	16
5	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
6	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
7	Synthesis of Ethynylâ€Thiophene Derivatives, Antioxidant Properties and ADME Analysis. ChemistrySelect, 2022, 7, .	0.7	0
8	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
9	In silico molecular docking and dynamic simulation of eugenol compounds against breast cancer. Journal of Molecular Modeling, 2022, 28, 17.	0.8	22
10	A Thiophene Derivative, 2â€Bromoâ€5â€(2â€(methylthio)phenyl)thiophene, Has Effective Anticancer Potential with Other Biological Properties. ChemistrySelect, 2022, 7, .	0.7	1
11	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
12	Synthesis of Novel Artemisinin Derivatives and Their Electrochemical Properties. ChemistrySelect, 2022, 7, .	0.7	0
13	A comparative analysis for anti-viral drugs: Their efficiency against SARS-CoV-2. International Immunopharmacology, 2021, 90, 107232.	1.7	27
14	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
15	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
16	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
17	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
18	Synthesis, Optimization, ADME Analysis, and Antioxidant Activity of 2-(Arylethynyl)-3-ethynylthiophenes. Russian Journal of Organic Chemistry, 2021, 57, 91-99.	0.3	4

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19	Design, synthesis and pharmacological evaluation of novel Artemisinin-Thymol. Natural Product Research, 2021, , 1-9.	1.0	6
20	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
21	Novel benzothiophene based catalyst with enhanced activity for glucose electrooxidation. International Journal of Hydrogen Energy, 2020, 45, 28706-28715.	3.8	19
22	Synthesis of Novel Benzothiophene Derivatives via Cyclization Reactions. Russian Journal of Organic Chemistry, 2020, 56, 1272-1278.	0.3	3
23	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
24	Design, Synthesis, andIn vitroEvaluation of Thieno[a]dibenzothiophene Derivatives. ChemistrySelect, 2020, 5, 3700-3709.	0.7	6
25	Synthesis of Ferrocene Based Naphthoquinones and its Application as Novel Nonâ€enzymatic Hydrogen Peroxide. Electroanalysis, 2020, 32, 1178-1185.	1.5	11
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Synthesis of tetracyanoethyleneâ€substituted ferrocene and its device properties. Applied Organometallic Chemistry, 2018, 32, e4512.	1.7	12
36	Synthesis and biological evaluation of novel benzothiophene derivatives. Journal of Chemical Sciences, 2018, 130, 1.	0.7	21

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37	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
38	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
39	Synthesis and solar-cell applications of novel furanyl-substituted anthracene derivatives. Optical Materials, 2017, 73, 206-212.	1.7	21
40	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
41	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
42	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
43	One-pot synthesis of 4-(phenylselanyl)-substituted pyrazoles. Tetrahedron Letters, 2016, 57, 993-997.	0.7	38
44	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
45	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
46	A novel one-pot synthesis of ferrocenyl-substituted 1,2,4-oxadiazoles. Journal of Organometallic Chemistry, 2014, 759, 67-73.	0.8	18
47	A novel synthesis of 1,2,4-oxadiazoles and isoxazoles. Tetrahedron, 2014, 70, 817-831.	1.0	39
48	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
49	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
50	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
51	Synthesis of Pyrazoles via CuI-Mediated Electrophilic Cyclizations of Î±,Î²-Alkynic Hydrazones. Journal of Organic Chemistry, 2011, 76, 9379-9390.	1.7	110
52	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
53	Synthesis of Pyrazoles via Electrophilic Cyclization. Journal of Organic Chemistry, 2011, 76, 6726-6742.	1.7	125
54	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

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55	Synthesis of Dihydrobenzisoxazoles by the [3 + 2] Cycloaddition of Arynes and Oxaziridines. Journal of Organic Chemistry, 2010, 75, 7381-7387.	1.7	52
56	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
57	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
58	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