

Esmail Tammari

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

477
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroorganic Synthesis of Catecholthioethers. <i>Journal of Organic Chemistry</i> , 2005, 70, 7769-7772.	3.2	97
2	Electrosynthesis of Symmetric and Highly Conjugated Benzofuran via a Unique ECECCC Electrochemical Mechanism: A Evidence for Predominance of Electrochemical Oxidation versus Intramolecular Cyclization. <i>Journal of Organic Chemistry</i> , 2007, 72, 3646-3651.	3.2	77
3	Electrochemical oxidation of catechol in the presence of cyclopentadiene. Investigation of electrochemically induced Diels-Alder reactions. <i>Chemical Communications</i> , 2006, , 1631.	4.1	47
4	Fabrication of an electrochemical sensor based on magnetic nanocomposite Fe ₃ O ₄ /L-alanine/Pd modified glassy carbon electrode for determination of nanomolar level of clozapine in biological model and pharmaceutical samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 879-886.	7.8	38
5	An efficient electrochemical synthesis of diamino-o-benzoquinone: Mechanistic and kinetic evaluation of the reaction of azide ion with o-benzoquinone. <i>Chemical Communications</i> , 2007, , 162-164.	4.1	37
6	Mechanistic study of the oxidation of catechol in the presence of secondary amines by digital simulation of cyclic voltammograms. <i>Electrochimica Acta</i> , 2004, 49, 591-595.	5.2	26
7	Mechanism of electrochemical oxidation of catechol and 3-substituted catechols in the presence of barbituric acid derivatives. Synthesis of new dispiropyrimidine derivatives. <i>Perkin Transactions II RSC</i> , 2002, , 829-834.	1.1	25
8	Investigation of electrochemically induced conjugate addition reaction: A facile approach to preparation of Schonberg adduct. <i>Journal of Electroanalytical Chemistry</i> , 2008, 621, 113-116.	3.8	25
9	An efficient electrochemical method for a unique synthesis of new derivatives of 7H-thiazolo[3,2-b]-1,2,4-triazin-7-one. <i>Tetrahedron Letters</i> , 2006, 47, 1713-1716.	1.4	20
10	Electrooxidation of 4-methylcatechol in the presence of barbituric acid derivatives. <i>Electrochimica Acta</i> , 2005, 50, 3648-3654.	5.2	19
11	Electrochemical Oxidation of Acetaminophen in the Presence of Barbituric Acid Derivatives. <i>Journal of the Electrochemical Society</i> , 2014, 161, G69-G73.	2.9	12
12	Synthesis of catecholthioethers by the selective oxidation of catechols in competition with 2-mercaptobenzoxazole. <i>Mendeleev Communications</i> , 2006, 16, 285-286.	1.6	11
13	Electrochemical oxidation of catechol and 4-tert-butylcatechol in the presence of 1-Methyl-1H-imidazole-2-thiol: Synthesis and kinetic study. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 712-717.	2.2	11
14	Estimation of heterogeneous rate constants of reaction of electrochemically generated o-benzoquinones with various nucleophiles containing thiol group. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 426-431.	1.6	10
15	Applicability of LC-MS/MS to optimize derivatization of topiramate with FMOCl using reacted/intact drug ratio. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 32-36.	2.3	9
16	Mechanistic study of in vitro chemical interaction of trimipramine drug with barbituric derivative after its oxidation: Electrochemical synthesis of new dibenzazepine derivative. <i>Materials Science and Engineering C</i> , 2017, 76, 153-160.	7.3	5
17	Electrochemical Oxidation of Desipramine Drug in the Presence of 4,6-Dimethylpyrimidine-2-thiol Nucleophile in Aqueous Acidic Medium. <i>Electroanalysis</i> , 2015, 27, 1693-1698.	2.9	4
18	Kinetics and Mechanistic Study of Acetaminophen-Captopril Interaction by Electrochemical Methods. <i>Electroanalysis</i> , 2011, 23, 784-790.	2.9	2

#	ARTICLE	IF	CITATIONS
19	Kinetics study and electrochemical synthesis of arylsulfonic acid derivatives of clozapine in green media. Journal of Electroanalytical Chemistry, 2016, 766, 162-167.	3.8	2
20	Electrochemical Oxidation of Iodide in the Presence of Benzenesulfonic Acids and Its Application to the Quasi-Catalytic Determination of Benzenesulfonic Acids. Journal of Analytical Chemistry, 2005, 60, 528-532.	0.9	0
21	Electrochemical and computational analysis of solvent effects on the kinetics of reaction of nitrite ion with <i>o</i> -quinone. Progress in Reaction Kinetics and Mechanism, 2013, 38, 377-386.	2.1	0