

Anton S Makarov

List of Publications by Year in descending order

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papers

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times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Furan Oxidation Reactions in the Total Synthesis of Natural Products. <i>Synthesis</i> , 2018, 50, 3059-3086.	2.3	55
2	Brønsted Acid-Catalyzed One-Pot Synthesis of Indoles from o-Aminobenzyl Alcohols and Furans. <i>Journal of Organic Chemistry</i> , 2013, 78, 12144-12153.	3.2	44
3	Oxidative Furan-to-Indole Rearrangement. Synthesis of 2-(2-Acylvinyl)indoles and Flinderole C Analogues. <i>Organic Letters</i> , 2016, 18, 2192-2195.	4.6	28
4	Iminofuran chemistry: VII. Intramolecular cyclization of 2-N-aryl-substituted derivatives of 2-amino-4-aryl-4-oxobut-2-enoic and 2-amino-5,5-dimethyl-4-oxohex-2-enoic acids. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 258-264.	0.8	18
5	Chemistry of iminofurans: V. Synthesis, structure, and cyclization of 4-R-4-oxo-2-[2-(2-oxo-1,2-diphenylethylidene)hydrazino]but-2-enoic acids. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 236-240.	0.8	13
6	Intramolecular azavinyl carbene-triggered rearrangement of furans. <i>Chemical Science</i> , 2019, 10, 8583-8588.	7.4	13
7	Intramolecular Palladium-Catalyzed Oxidative Amination of Furans: Synthesis of Functionalized Indoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 14010-14021.	3.2	12
8	A Simple Synthesis of Densely Substituted Benzofurans by Domino Reaction of 2-Hydroxybenzyl Alcohols with 2-Substituted Furans. <i>Synthesis</i> , 2019, 51, 3747-3757.	2.3	12
9	CuBr ₂ -catalyzed alkylation of furans with benzyl alcohols and benzaldehydes. Domino reactions including this alkylation as a key step. <i>Tetrahedron</i> , 2017, 73, 7042-7053.	1.9	11
10	Intramolecular iron-catalyzed transannulation of furans with <i>o</i> -acetyl oximes: synthesis of functionalized pyrroles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6553-6560.	4.5	11
11	Catalytic Alkylation of Furans by β -Activated Alcohols (Review). <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 791-806.	1.2	10
12	Chemistry of iminofurans: VI.* Synthesis and structure of 2-(2-ylidenehydrazino)-substituted 4-aryl-4-oxobut-2-enoic and 5,5-dimethyl-4-oxohex-2-enoic acids. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 109-114.	0.8	9
13	Copper(II) bromide-catalyzed conjugate addition of furans to α,β -unsaturated carbonyl compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 1286-1293.	1.2	5
14	Oxidative Rearrangement of 2-(2-Aminobenzyl)furans: Synthesis of Functionalized Indoles and Carbazoles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1274-1285.	2.4	5
15	Acid-Catalyzed Cascade Reaction of 2-Alkylfurans with α,β -Unsaturated Ketones: A Shortcut to 2,3,5-Trisubstituted Furans. <i>Journal of Organic Chemistry</i> , 2021, 86, 17362-17370.	3.2	5
16	Extended Corey-Chaykovsky reactions: transformation of 2-hydroxychalcones to benzannulated 2,8-dioxabicyclo[3.2.1]octanes and 2,3-dihydrobenzofurans. <i>Organic Chemistry Frontiers</i> , 2022, 9, 737-744.	4.5	4
17	Synthesis of quinolines via acid-catalyzed cyclodehydration of 2-(tosylamino)chalcones. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 1087-1091.	1.2	3
18	Synthesis of (Het)aryl 2-(2-hydroxyaryl)cyclopropyl Ketones. <i>Molecules</i> , 2020, 25, 5748.	3.8	3

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19	Copper(II) Bromide. Synlett, 2014, 25, 2523-2524.	1.8	2