

Nikolay E Shevchenko

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Polaron Mole Fractions and Interpreting Spectral Changes in Molecularly Doped Conjugated Polymers. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	7
2	Diversification of the Renewable Furanic Platform via 5-(Chloromethyl)furfural-Based Carbon Nucleophiles. <i>ChemSusChem</i> , 2021, 14, 303-305.	6.8	6
3	Generation of Organozinc Nucleophiles Based on the Biomass-Derived Platform Molecule 5-(Chloromethyl)furfural. <i>Organometallics</i> , 2021, 40, 3952-3957.	2.3	3
4	Orbital Crossings Activated through Electron Injection: Opening Communication between Orthogonal Orbitals in Anionic C1-C5 Cyclizations of Ene-diyne. <i>Journal of the American Chemical Society</i> , 2016, 138, 15617-15628.	13.7	38
5	Fischer Reaction with 2-Perfluoroalkylated Cyclic Imines - An Efficient Route to 2-Perfluoroalkyl-Substituted Tryptamines and Their Derivatives and Homologues. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6479-6488.	2.4	22
6	Friedel-Crafts alkylation of natural amino acid-derived pyrroles with CF ₃ -substituted cyclic imines. <i>Mendeleev Communications</i> , 2013, 23, 92-93.	1.6	26
7	Aminoalkylation of Indoles with α -Polyfluoroalkylated Cyclic Imines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2237-2245.	2.4	21
8	Highly α -Regioselective Friedel-Crafts Aminoalkylation of Pyrroles with Cyclic Perfluoroalkylated Imines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3049-3058.	2.4	27
9	α -Stereoelectronic Umpolung - Converting a p-Donor into a σ^* -Acceptor via Electron Injection and a Conformational Change. <i>Organic Letters</i> , 2013, 15, 2238-2241.	4.6	25
10	Hybrid NCS palladium pincer complexes of thiophosphorylated benzaldimines and their ketimine analogs. <i>Journal of Organometallic Chemistry</i> , 2012, 711, 52-61.	1.8	18
11	Selective Transition State Stabilization via Hyperconjugative and Conjugative Assistance: Stereoelectronic Concept for Copper-Free Click Chemistry. <i>Journal of Organic Chemistry</i> , 2012, 77, 75-89.	3.2	107
12	The reaction of cyclic imines with the Ruppert-Prakash reagent. Facile approach to α -trifluoromethylated nornicotine, anabazine, and homoanabazine. <i>Tetrahedron</i> , 2011, 67, 69-74.	1.9	42
13	Practical Synthesis of α -Perfluoroalkyl Cyclic Imines and Amines. <i>Synthesis</i> , 2010, 2010, 120-126.	2.3	8
14	Efficient Synthesis of Substituted Cyclic α -Aminophosphonates. <i>Synthesis</i> , 2009, 2009, 577-582.	2.3	22
15	Efficient Multicomponent Synthesis of α -Trifluoromethyl Proline, Homoproline, and Azepan Carboxylic Acid Dipeptides. <i>Synlett</i> , 2009, 2009, 403-406.	1.8	15
16	Halogenation of fluorinated cyclic 1,3-dicarbonyl compounds: new aspects of synthetic application. <i>Tetrahedron</i> , 2009, 65, 7538-7552.	1.9	16
17	Facile synthesis of cyclic α -perfluoroalkyl- α -aminophosphonates. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 662-666.	1.7	23
18	Diastereoselective synthesis of cyclic 1,3-aminoalcohols bearing CF ₃ (CCl ₃)-groups. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 637-644.	1.7	3

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19	New method of preparation of C ₂ F ₅ Li and its reactions with cyclic imines and lactams: Synthesis of β -pentafluoroethyl proline. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 390-396.	1.7	55
20	The Ugi reaction with CF ₃ -carbonyl compounds: effective synthesis of β -trifluoromethyl amino acid derivatives. <i>Tetrahedron</i> , 2008, 64, 11706-11712.	1.9	51
21	Stereochemistry of addition of disulfonium dications to alkenes. <i>Russian Chemical Bulletin</i> , 2004, 53, 1726-1728.	1.5	4
22	Electronic structure and reactivity of S ⁺ dications. <i>Russian Chemical Bulletin</i> , 2003, 52, 1667-1673.	1.5	4
23	1,2-Dications in Organic Main Group Systems. <i>ChemInform</i> , 2003, 34, no.	0.0	0
24	1,2-Dications in Organic Main Group Systems. <i>Chemical Reviews</i> , 2003, 103, 229-282.	47.7	114
25	Synthesis and characterization of solution processable, high electron affinity molecular dopants. <i>Journal of Materials Chemistry C</i> , 0, , .	5.5	7