Sergey V Sysolyatin

List of Publications by Year
in descending order

34	717	687363 13	526287 27
papers	citations	h-index	g-index

35	35	35	857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of new methods in modern selective organic synthesis: preparation of functionalized molecules with atomic precision. Russian Chemical Reviews, 2014, 83, 885-985.	6.5	182
2	Shikimic acid: review of its analytical, isolation, and purification techniques from plant and microbial sources. Journal of Chemical Biology, 2012, 5, 5-17.	2.2	142
3	Methods of synthesis and properties of hexanitrohexaazaisowurtzitane. Russian Chemical Reviews, 2005, 74, 757-764.	6.5	86
4	New syntheses of [1,2,5]oxadiazolo[3,4-e][1,2,3,4]tetrazine 4,6-dioxide. Russian Journal of Organic Chemistry, 2013, 49, 455-465.	0.8	33
5	Methods for the synthesis of polycyclic nitramines. Russian Chemical Reviews, 2007, 76, 673-680.	6.5	27
6	The effect of preparation conditions of Pd/C catalyst on its activity and selectivity in the aqueous-phase hydrogenation of 2,4,6-trinitrobenzoic acid. Catalysis Today, 2018, 301, 258-265.	4.4	24
7	Neuroprotective effects of p-tyrosol after the global cerebral ischemia in rats. Phytomedicine, 2016, 23, 784-792.	5.3	23
8	Transformation pathways of 2,4,6-trinitrobenzoic acid in the aqueous-phase hydrogenation over Pd/C catalyst. Journal of Molecular Catalysis A, 2016, 420, 190-199.	4.8	20
9	Behavior of [1,2,5]oxadiazolo[3,4-e][1,2,3,4]tetrazine 4,6-dioxide in various media. Russian Chemical Bulletin, 2008, 57, 1384-1389.	1.5	19
10	Oxaazatetracyclo[5.5.0.03, 10.05, 8]Dodecanes â€“ a Promising Foundation for the Design of Thermally Stable, High-Density Energetic Compounds. Chemistry of Heterocyclic Compounds, 2017, 53, 630-637.	1.2	19
11	Discovery of a Novel Non-Narcotic Analgesic Derived from the CL-20 Explosive: Synthesis, Pharmacology, and Target Identification of Thiowurtzine, a Potent Inhibitor of the Opioid Receptors and the Ion Channels. ACS Omega, 2021, 6, 15400-15411.	3.5	16
12	Molecular and crystal structure of polycyclic nitramines. Journal of Structural Chemistry, 2005, 46, 566-571.	1.0	15
13	Facile method for the synthesis of oseltamivir phosphate. Russian Chemical Bulletin, 2013, 62, 163-170.	1.5	14
14	A Study of Pd/C Catalysts in the Liquid-phase Hydrogenation of 1,3,5-Trinitrobenzene and 2,4,6-Trinitrobenzoic Acid. Selection of Hydrogenation Conditions for Selective Production of 1,3,5-Triaminobenzene. Procedia Engineering, 2016, 152, 110-115.	1.2	12
15	An unusual reduction route of 2,4,6-trinitrobenzoic acid under conditions of aqueous-phase hydrogenation over Pd/Sibunit catalyst. Russian Chemical Bulletin, 2016, 65, 1535-1540.	1.5	11
16	An Acid-Catalyzed Cascade Synthesis of Oxaazatetracyclo [5.5.0.0^{3,11}.0^{5,9}]dodecane Derivatives. Journal of Energetic Materials, 2017, 35, 363-373.	2.0	9
17	Debenzylation of 2,6,8,12-tetraacetyl-4,10-dibenzyl-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.03,11.05,9]dodecane. Russian Chemical Bulletin, 2009, 58, 2164-2168.	1.5	7
18	Nitrolysis of 2,6,8,12-tetraacetyl-4,10-dibenzyl-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.03,11.05,9]dodecane. Russian Chemical Bulletin, 2017, 66, 531-536.	1.5	7

#	Article	IF	Citations
19	Synthesis of an allosteric modulator of ionotropic glutamate receptors. Mendeleev Communications, 2020, 30, 156-158.	1.6	7
20	Synthesis of ultrafine diamonds from alloys of TNT with polycyclic nitramines. Combustion, Explosion and Shock Waves, 2006, 42, 486-489.	0.8	6
21	Acylation of 2,6,8,12-tetraacetyl-2,4,6,8,10,12- hexaazatetracyclo[5.5.0.03,11.05,9]dodecane. Mendeleev Communications, 2016, 26, 139-140.	1.6	5
22	REDUCTIVE DEBENZYLATION OF 2,4,6,8,10,12-HEXAAZAISQWURTZITANE. International Journal of Energetic Materials and Chemical Propulsion, 2010, 9, 365-375.	0.3	5
23	Nitration of Acyl Derivatives of 2,4,6,8,10,12â€Hexaazaisowurtzitane. Propellants, Explosives, Pyrotechnics, 2019, 44, 1472-1477.	1.6	4
24	Synthesis of oxaazaisowurtzitanes by condensation of 4-dimethylaminobenzenesulfonamide with glyoxal. Tetrahedron, 2020, 76, 131298.	1.9	4
25	Improved synthesis of 2,7-dihydroxyfluorenone in the manufacture of tilorone with application of a rotorâ€"stator system. Pharmaceutical Chemistry Journal, 2010, 44, 456-458.	0.8	3
26	A search for raw materials for the isolation of shikimic acid. Russian Journal of Bioorganic Chemistry, 2013, 39, 750-754.	1.0	3
27	Synthesis and Analgesic Activity of 4,10-Bis((Â±)-5-Benzoyl-2,3-Dihydro-1hpyrrolo[1,2-a]Pyrrole-1-Carbonyl)-2,6,8,12-Tetraacetyl-2,4,6,8,10,12-Hexaazatetracyclo[5,5,03,11 Pharmaceutical Chemistry Journal, 2021, 54, 1140-1144.	0.8	3
28	Some pharmacokinetics aspects of new analgetics from hexaazaisiowuritsitane class in rats. Reviews on Clinical Pharmacology and Drug Therapy, 2019, 17, 51-56.	0.6	3
29	p-Tyrosol: a new synthetic method and new types of pharmacological activity. Russian Chemical Bulletin, 2015, 64, 2210-2214.	1.5	2
30	Synthesis of Functional 2â€Substituted 1,3â€Dinitroimidazolidines. Propellants, Explosives, Pyrotechnics, 2020, 45, 1306-1312.	1.6	2
31	Analgesic action of hexaazaisowurtzitane derivative in somatic pain models caused by TRPA1 and TRPV1 Ion channels activation. Bulletin of Siberian Medicine, 2021, 19, 110-118.	0.3	2
32	Synthesis of Diaminoacetic Acid Derivatives as a Promising Scaffold for the Synthesis of Polyheterocyclic Cage Compounds. ACS Omega, 2022, 7, 1311-1317.	3.5	2
33	Synthesis of Betulin Derivatives: Nâ€™{N-[3-OXO-20(29)-Lupen-28-OYL]-9-Aminononanoyl}3-Amino-3-Phenylpropionic Acid. Pharmaceutical Chemistry Journal, 2012, 46, 473-477.	0.8	0
34	Nitration of benzyl derivatives of acetylated hexaazaisowurtzitane. Mendeleev Communications, 2022, 32, 349-350.	1.6	0