

# Sergey V Sysolyatin

## List of Publications by Year in descending order

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34  
papers

717  
citations

687363

13  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Diaminoacetic Acid Derivatives as a Promising Scaffold for the Synthesis of Polyheterocyclic Cage Compounds. <i>ACS Omega</i> , 2022, 7, 1311-1317.	3.5	2
2	Nitration of benzyl derivatives of acetylated hexaazaisowurtzitane. <i>Mendeleev Communications</i> , 2022, 32, 349-350.	1.6	0
3	Synthesis and Analgesic Activity of 4,10-Bis(( $\Delta^+$ )-5-Benzoyl-2,3-Dihydro-1H-pyrrolo[1,2-a]Pyrrole-1-Carbonyl)-2,6,8,12-Tetraacetyl-2,4,6,8,10,12-Hexaazatetracyclo[5.5.0.0 <sup>3,11</sup> .0 <sup>5,9</sup> ]dodecane Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2021, 54, 1140-1144.	0.3	2
4	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. <i>ACS Omega</i> , 2021, 6, 15400-15411.	3.5	16
5	Analgesic action of hexaazaisowurtzitane derivative in somatic pain models caused by TRPA1 and TRPV1 ion channels activation. <i>Bulletin of Siberian Medicine</i> , 2021, 19, 110-118.	0.3	2
6	Synthesis of Functional $\Delta^+$ -Substituted 1,3-Dinitroimidazolidines. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 1306-1312.	1.6	2
7	Synthesis of an allosteric modulator of ionotropic glutamate receptors. <i>Mendeleev Communications</i> , 2020, 30, 156-158.	1.6	7
8	Synthesis of oxaazaisowurtzitanes by condensation of 4-dimethylaminobenzenesulfonamide with glyoxal. <i>Tetrahedron</i> , 2020, 76, 131298.	1.9	4
9	Nitration of Acyl Derivatives of 2,4,6,8,10,12-Hexaazaisowurtzitane. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 1472-1477.	1.6	4
10	Some pharmacokinetics aspects of new analgetics from hexaazaisowurtzitane class in rats. <i>Reviews on Clinical Pharmacology and Drug Therapy</i> , 2019, 17, 51-56.	0.6	3
11	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. <i>Catalysis Today</i> , 2018, 301, 258-265.	4.4	24
12	An Acid-Catalyzed Cascade Synthesis of Oxaazatetracyclo[5.5.0.0 <sup>3,11</sup> .0 <sup>5,9</sup> ]dodecane Derivatives. <i>Journal of Energetic Materials</i> , 2017, 35, 363-373.	2.0	9
13	Oxaazatetracyclo[5.5.0.0 <sup>3,11</sup> .0 <sup>5,9</sup> ]dodecanes – a Promising Foundation for the Design of Thermally Stable, High-Density Energetic Compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 630-637.	1.2	19
14	Nitrolysis of 2,6,8,12-tetraacetyl-4,10-dibenzyl-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.0 <sup>3,11</sup> .0 <sup>5,9</sup> ]dodecane. <i>Russian Chemical Bulletin</i> , 2017, 66, 531-536.	1.5	7
15	An unusual reduction route of 2,4,6-trinitrobenzoic acid under conditions of aqueous-phase hydrogenation over Pd/Sibunit catalyst. <i>Russian Chemical Bulletin</i> , 2016, 65, 1535-1540.	1.5	11
16	Acylation of 2,6,8,12-tetraacetyl-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.0 <sup>3,11</sup> .0 <sup>5,9</sup> ]dodecane. <i>Mendeleev Communications</i> , 2016, 26, 139-140.	1.6	5
17	Transformation pathways of 2,4,6-trinitrobenzoic acid in the aqueous-phase hydrogenation over Pd/C catalyst. <i>Journal of Molecular Catalysis A</i> , 2016, 420, 190-199.	4.8	20
18	Neuroprotective effects of p-tyrosol after the global cerebral ischemia in rats. <i>Phytomedicine</i> , 2016, 23, 784-792.	5.3	23

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19	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. <i>Procedia Engineering</i> , 2016, 152, 110-115.	1.2	12
20	p-Tyrosol: a new synthetic method and new types of pharmacological activity. <i>Russian Chemical Bulletin</i> , 2015, 64, 2210-2214.	1.5	2
21	Development of new methods in modern selective organic synthesis: preparation of functionalized molecules with atomic precision. <i>Russian Chemical Reviews</i> , 2014, 83, 885-985.	6.5	182
22	A search for raw materials for the isolation of shikimic acid. <i>Russian Journal of Bioorganic Chemistry</i> , 2013, 39, 750-754.	1.0	3
23	Facile method for the synthesis of oseltamivir phosphate. <i>Russian Chemical Bulletin</i> , 2013, 62, 163-170.	1.5	14
24	New syntheses of [1,2,5]oxadiazolo[3,4-e][1,2,3,4]tetrazine 4,6-dioxide. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 455-465.	0.8	33
25	Synthesis of Betulin Derivatives: N- <sup>TM</sup> {N-[3-OXO-20(29)-Lupen-28-OYL]-9-Aminononanoyl}3-Amino-3-Phenylpropionic Acid. <i>Pharmaceutical Chemistry Journal</i> , 2012, 46, 473-477.	0.8	0
26	Shikimic acid: review of its analytical, isolation, and purification techniques from plant and microbial sources. <i>Journal of Chemical Biology</i> , 2012, 5, 5-17.	2.2	142
27	Improved synthesis of 2,7-dihydroxyfluorenone in the manufacture of tilorone with application of a rotor-stator system. <i>Pharmaceutical Chemistry Journal</i> , 2010, 44, 456-458.	0.8	3
28	REDUCTIVE DEBENZYLATION OF 2,4,6,8,10,12-HEXAAZAISQWURTZITANE. <i>International Journal of Energetic Materials and Chemical Propulsion</i> , 2010, 9, 365-375.	0.3	5
29	Debenzylation of 2,6,8,12-tetraacetyl-4,10-dibenzyl-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.0.3,11.0.5,9]dodecane. <i>Russian Chemical Bulletin</i> , 2009, 58, 2164-2168.	1.5	7
30	Behavior of [1,2,5]oxadiazolo[3,4-e][1,2,3,4]tetrazine 4,6-dioxide in various media. <i>Russian Chemical Bulletin</i> , 2008, 57, 1384-1389.	1.5	19
31	Methods for the synthesis of polycyclic nitramines. <i>Russian Chemical Reviews</i> , 2007, 76, 673-680.	6.5	27
32	Synthesis of ultrafine diamonds from alloys of TNT with polycyclic nitramines. <i>Combustion, Explosion and Shock Waves</i> , 2006, 42, 486-489.	0.8	6
33	Molecular and crystal structure of polycyclic nitramines. <i>Journal of Structural Chemistry</i> , 2005, 46, 566-571.	1.0	15
34	Methods of synthesis and properties of hexanitrohexaazaisowurtzitane. <i>Russian Chemical Reviews</i> , 2005, 74, 757-764.	6.5	86