

Irina Novosjolova

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	1,2,3-Triazoles as leaving groups in purine chemistry: a three-step synthesis of N6-substituted-2-triazolyl-adenine nucleosides and photophysical properties thereof. <i>Tetrahedron Letters</i> , 2013, 54, 850-853.	1.4	38
2	Synthesis and Applications of Azolypurine and Azolypurine Nucleoside Derivatives. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3629-3649.	2.4	25
3	A Single Amide Linkage in the Passenger Strand Suppresses Its Activity and Enhances Guide Strand Targeting of siRNAs. <i>ACS Chemical Biology</i> , 2018, 13, 533-536.	3.4	23
4	Application of 2,6-diazidopurine derivatives in the synthesis of thiopurine nucleosides. <i>Tetrahedron Letters</i> , 2013, 54, 6557-6561.	1.4	22
5	Development of N6-methyl-2-(1,2,3-triazol-1-yl)-2'-deoxyadenosine as a novel fluorophore and its application in nucleotide synthesis. <i>Tetrahedron Letters</i> , 2016, 57, 1174-1178.	1.4	20
6	Synthesis and fluorescent properties of N(9)-alkylated 2-amino-6-triazolylpurines and 7-deazapurines. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 474-489.	2.2	19
7	All-organic fast intersystem crossing assisted exciplexes exhibiting sub-microsecond thermally activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4532-4543.	5.5	18
8	Applications of Purine Ring Opening in the Synthesis of Imidazole, Pyrimidine, and New Purine Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5027-5052.	2.4	14
9	Sulfonyl Group Dance: A Tool for the Synthesis of 6-Azido-2-sulfonyl-purine Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 4753-4771.	3.2	11
10	Photophysical and Electrical Properties of Highly Luminescent 2/6-Triazolyl-Substituted Push-Pull Purines. <i>ACS Omega</i> , 2022, 7, 5242-5253.	3.5	11
11	The Mukaiyama Reagent: An Efficient Condensation Agent. <i>Synlett</i> , 2012, 24, 135-136.	1.8	9
12	Synthesis and Applications of Silyl 2-Methylpropylsulfonates in Preparative Silylation and C-Glycosylation Reactions of Polyols and Carbohydrates. <i>Chemistry - A European Journal</i> , 2016, 22, 4196-4205.	3.3	9
13	Synthesis of Novel 2- And 6-Alkyl/Arylthiopurine Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1236-1241.	1.6	8
14	Proof of principle of a purine Dâ€‘Aâ€‘Dâ€‘ ligand based ratiometric chemical sensor harnessing complexation induced intermolecular PET. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26502-26508.	2.8	6
15	Application of Azide-Tetrazole Tautomerism and Arylsulfonyl Group Dance in the Synthesis of Thio-substituted Tetrazoloquinazolines. <i>Synthesis</i> , 2021, 53, 1443-1456.	2.3	6
16	1,2,3-Triazoles as leaving groups in S_NArâ€‘Arbuzov reactions: synthesis of C6-phosphonated purine derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 193-202.	2.2	6
17	Nucleophileâ€‘nucleofuge duality of azide and arylthiolate groups in the synthesis of quinazoline and tetrazoloquinazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7706-7723.	2.8	6
18	Synthesis and photophysical properties of 2-azolyl-6-piperidinylpurines. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 560-567.	1.2	5

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19	2-Methoxypyridine as a Thymidine Mimic in Watson-Crick Base Pairs of DNA and PNA: Synthesis, Thermal Stability, and NMR Structural Studies. <i>ChemBioChem</i> , 2017, 18, 2165-2170.	2.6	3
20	Synthesis of 2-triazolylpurine Phosphonates. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 55-62.	1.2	3
21	1,2,3-Triazoles as leaving groups: S _N Ar reactions of 2,6-bis-triazolylpurines with O- and C-nucleophiles. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 410-419.	2.2	3
22	Toward unsymmetrical 2,6-bis-triazolylpurine nucleosides. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 292-297.	1.2	3
23	User Friendly Synthesis of Vogel's Silyl Sulfinat and its Application in Quantitative GC-MS Analysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1251-1256.	1.6	2
24	Structural characterization of cevimeline and its trans -impurity by single crystal XRD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 404-409.	2.8	2
25	Purine-Furan and Purine-Thiophene Conjugates. <i>MolBank</i> , 2018, 2018, M1024.	0.5	2
26	The Synthesis and X-ray Studies of 6-pyrrolidinyl-2-triazolyl Purine Arabinonucleoside. <i>Material Science & Applied Chemistry</i> , 2013, 28, 39.	0.1	2
27	Synthesis of 7-Arylpurines from Substituted Pyrimidines. <i>Synthesis</i> , 0, , .	2.3	2
28	2,6-Dichloro-9-(2,3,5-tri-O-acetyl- β -D-ribofuranosyl)-9H-purine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o108-o109.	0.2	1
29	Synthesis of Azido and Triazolyl Purine Ribonucleosides. <i>Current Protocols</i> , 2021, 1, e241.	2.9	1
30	Synthesis and Photophysical Properties of Purine-Phenoxazine and Purine-Phenothiazine Conjugates. <i>Key Engineering Materials</i> , 0, 903, 155-161.	0.4	1
31	2,6-Bis[4-(4-butylphenyl)-1H-1,2,3-triazol-1-yl]-9-dodecyl-9H-purine. <i>MolBank</i> , 2019, 2019, M1073.	0.5	0