

Alexei Pushechnikov

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

825
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Ligands Targeting Triplet Repeating Transcripts That Cause RNA Dominant Disease: Application to Myotonic Muscular Dystrophy Type 1 and Spinocerebellar Ataxia Type 3. <i>Journal of the American Chemical Society</i> , 2009, 131, 9767-9779.	13.7	172
2	Two-Dimensional Combinatorial Screening Identifies Specific Aminoglycoside-RNA Internal Loop Partners. <i>Journal of the American Chemical Society</i> , 2008, 130, 11185-11194.	13.7	120
3	A Small Molecule Microarray Platform To Select RNA Internal Loop-Ligand Interactions. <i>ACS Chemical Biology</i> , 2007, 2, 745-754.	3.4	109
4	Rational and Modular Design of Potent Ligands Targeting the RNA That Causes Myotonic Dystrophy 2. <i>ACS Chemical Biology</i> , 2009, 4, 345-355.	3.4	103
5	Controlling the Specificity of Modularly Assembled Small Molecules for RNA via Ligand Module Spacing: Targeting the RNAs That Cause Myotonic Muscular Dystrophy. <i>Journal of the American Chemical Society</i> , 2009, 131, 17464-17472.	13.7	89
6	Small Molecule Microarrays of RNA-Focused Peptoids Help Identify Inhibitors of a Pathogenic Group I Intron. <i>ACS Chemical Biology</i> , 2009, 4, 299-307.	3.4	43
7	Polyhedral borane derivatives: Unique and versatile structural motifs. <i>Pure and Applied Chemistry</i> , 2012, 84, 2279-2288.	1.9	40
8	The Role of Flexibility in the Rational Design of Modularly Assembled Ligands Targeting the RNAs that Cause the Myotonic Dystrophies. <i>ChemBioChem</i> , 2010, 11, 375-382.	2.6	31
9	Probing a 2-Aminobenzimidazole Library for Binding to RNA Internal Loops via Two-Dimensional Combinatorial Screening. <i>ACS Chemical Biology</i> , 2012, 7, 1902-1909.	3.4	29
10	The Stereochemistry of Allenic Enol Tautomerism – Independent Generation and Reactivity of the Enolates. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3491-3497.	2.4	25
11	Dendritic closomers: novel spherical hybrid dendrimers. <i>Chemical Communications</i> , 2013, 49, 3579.	4.1	22
12	A Chemoenzymatic Route to Diversify Aminoglycosides Enables a Microarray-Based Method to Probe Acetyltransferase Activity. <i>ChemBioChem</i> , 2010, 11, 1656-1660.	2.6	20
13	Studying aminoglycoside modification by the acetyltransferase class of resistance-causing enzymes via microarray. <i>Carbohydrate Research</i> , 2008, 343, 2924-2931.	2.3	17
14	Synthesis of a Highly Reactive Heterocyclic Reactant and Its Unusual Photochemistry; Mechanistic and Exploratory Organic Photochemistry. <i>Organic Letters</i> , 2004, 6, 3779-3780.	4.6	5
15	Inside Cover: A Chemoenzymatic Route to Diversify Aminoglycosides Enables a Microarray-Based Method to Probe Acetyltransferase Activity (ChemBioChem 12/2010). <i>ChemBioChem</i> , 2010, 11, 1622-1622.	2.6	0