

Alexander N Zaykov

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

481
citations

933447

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996975

15
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16
all docs

16
docs citations

16
times ranked

713
citing authors

#	ARTICLE	IF	CITATIONS
1	Pursuit of a perfect insulin. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 425-439.	46.4	205
2	Helix Induction by Dirhodium: Access to Biocompatible Metallopeptides with Defined Secondary Structure. <i>Chemistry - A European Journal</i> , 2010, 16, 6651-6659.	3.3	45
3	Controlling Peptide Structure with Coordination Chemistry: Robust and Reversible Peptide-Dirhodium Ligation. <i>Chemistry - A European Journal</i> , 2009, 15, 8961-8965.	3.3	41
4	Chemical synthesis of peptides within the insulin superfamily. <i>Journal of Peptide Science</i> , 2016, 22, 260-270.	1.4	41
5	Chemical Synthesis of Insulin Analogs through a Novel Precursor. <i>ACS Chemical Biology</i> , 2014, 9, 683-691.	3.4	38
6	Kinetic and stereoselectivity effects of phosphite ligands in dirhodium catalysis. <i>Tetrahedron</i> , 2011, 67, 4397-4401.	1.9	25
7	A general synthesis of dirhodium metallopeptides as MDM2 ligands. <i>Chemical Communications</i> , 2011, 47, 10927.	4.1	24
8	Chemical Synthesis of Human Insulin-Like Peptide-6. <i>Chemistry - A European Journal</i> , 2016, 22, 9777-9783.	3.3	13
9	Synthesis of relaxin-2 and insulin-like peptide 5 enabled by novel tethering and traceless chemical excision. <i>Journal of Peptide Science</i> , 2017, 23, 455-465.	1.4	13
10	A Disulfide Scan of Insulin by [3 + 1] Methodology Exhibits Site-Specific Influence on Bioactivity. <i>ACS Chemical Biology</i> , 2019, 14, 1829-1835.	3.4	10
11	Insulin-like peptide 5 fails to improve metabolism or body weight in obese mice. <i>Peptides</i> , 2019, 120, 170116.	2.4	9
12	High-Yield Synthesis of Human Insulin-Like Peptide 5 Employing a Nonconventional Strategy. <i>Organic Letters</i> , 2018, 20, 3695-3699.	4.6	8
13	Synthesis and Characterization of the R27S Genetic Variant of Insulin-Like Peptide 5. <i>ChemMedChem</i> , 2018, 13, 852-859.	3.2	4
14	Peptide Model of the Mutant Proinsulin Syndrome. I. Design and Clinical Correlation. <i>Frontiers in Endocrinology</i> , 2022, 13, 821069.	3.5	3
15	Peptide Model of the Mutant Proinsulin Syndrome. II. Nascent Structure and Biological Implications. <i>Frontiers in Endocrinology</i> , 2022, 13, 821091.	3.5	2