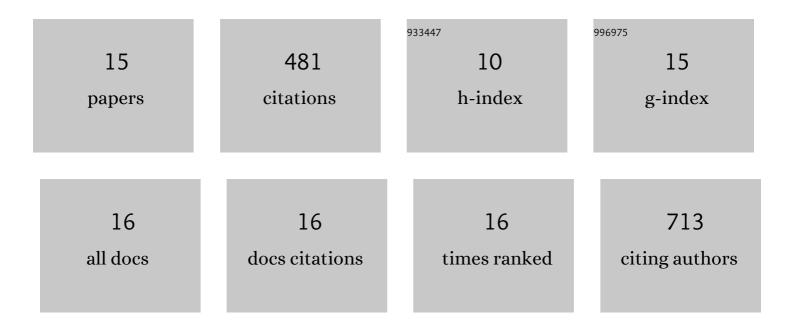
Alexander N Zaykov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/913585/publications.pdf Version: 2024-02-01



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