

Yanwu Yang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

433
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide Model of the Mutant Proinsulin Syndrome. II. Nascent Structure and Biological Implications. <i>Frontiers in Endocrinology</i> , 2022, 13, 821091.	3.5	2
2	Peptide Model of the Mutant Proinsulin Syndrome. I. Design and Clinical Correlation. <i>Frontiers in Endocrinology</i> , 2022, 13, 821069.	3.5	3
3	Insertion of a Synthetic Switch Into Insulin Provides Metabolite-Dependent Regulation of Hormone-Receptor Activation. <i>Journal of the Endocrine Society</i> , 2021, 5, A440-A440.	0.2	1
4	Insertion of a synthetic switch into insulin provides metabolite-dependent regulation of hormone receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
5	Evolution of insulin at the edge of foldability and its medical implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29618-29628.	7.1	30
6	Register-shift insulin analogs uncover constraints of proteotoxicity in protein evolution. <i>Journal of Biological Chemistry</i> , 2020, 295, 3080-3098.	3.4	11
7	Total synthesis of bovine pancreatic trypsin inhibitor and the protein diastereomer [<sc>Gly37DAla</sc>]BPTI using Boc chemistry solid phase peptide synthesis. <i>Peptide Science</i> , 2020, 112, e24166.	1.8	6
8	Solution structure of an ultra-stable single-chain insulin analog connects protein dynamics to a novel mechanism of receptor binding. <i>Journal of Biological Chemistry</i> , 2018, 293, 69-88.	3.4	12
9	An ultra-stable single-chain insulin analog resists thermal inactivation and exhibits biological signaling duration equivalent to the native protein. <i>Journal of Biological Chemistry</i> , 2018, 293, 47-68.	3.4	32
10	Human Sex Determination at the Edge of Ambiguity. <i>Journal of Biological Chemistry</i> , 2016, 291, 22173-22195.	3.4	11
11	Biophysical Optimization of a Therapeutic Protein by Nonstandard Mutagenesis. <i>Journal of Biological Chemistry</i> , 2014, 289, 23367-23381.	3.4	20
12	Protective hinge in insulin opens to enable its receptor engagement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3395-404.	7.1	142
13	Deciphering the Hidden Informational Content of Protein Sequences. <i>Journal of Biological Chemistry</i> , 2010, 285, 30989-31001.	3.4	17
14	Solution Structure of Proinsulin. <i>Journal of Biological Chemistry</i> , 2010, 285, 7847-7851.	3.4	62
15	An Achilles' Heel in an Amyloidogenic Protein and Its Repair. <i>Journal of Biological Chemistry</i> , 2010, 285, 10806-10821.	3.4	49
16	Doublesex and the Regulation of Sexual Dimorphism in <i>Drosophila melanogaster</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 7280-7292.	3.4	24