

Yen-Shan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

223
citations

1040056

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docs citations

23
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299
citing authors

#	ARTICLE	IF	CITATIONS
1	New Horizons: Next-Generation Insulin Analogues: Structural Principles and Clinical Goals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 909-928.	3.6	6
2	Peptide Model of the Mutant Proinsulin Syndrome. II. Nascent Structure and Biological Implications. <i>Frontiers in Endocrinology</i> , 2022, 13, 821091.	3.5	2
3	Peptide Model of the Mutant Proinsulin Syndrome. I. Design and Clinical Correlation. <i>Frontiers in Endocrinology</i> , 2022, 13, 821069.	3.5	3
4	Generation and mutational analysis of a transgenic mouse model of human <i>SRY</i> . <i>Human Mutation</i> , 2022, 43, 362-379.	2.5	3
5	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
6	Inherited Human XY Sex Reversal and Gonadal Neoplasia Due to Enhanced Formation of Non-Specific Enhanceosomes by an Architectural Transcription Factor. <i>Journal of the Endocrine Society</i> , 2021, 5, A506-A506.	0.2	1
7	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
8	Structural principles of insulin formulation and analog design: A century of innovation. <i>Molecular Metabolism</i> , 2021, 52, 101325.	6.5	15
9	Structural Lessons From the Mutant Proinsulin Syndrome. <i>Frontiers in Endocrinology</i> , 2021, 12, 754693.	3.5	8
10	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
11	Register-shift-insulin analogs uncover constraints of proteotoxicity in protein evolution. <i>Journal of Biological Chemistry</i> , 2020, 295, 3080-3098.	3.4	11
12	Reassessment of an Innovative Insulin Analogue Excludes Protracted Action yet Highlights the Distinction between External and Internal Diselenide Bridges. <i>Chemistry - A European Journal</i> , 2020, 26, 4695-4700.	3.3	11
13	SUN-712 Familial 46, XY Complete Female External Sex Development with a Non-Mosaic Inherited SRY Gene Variation. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0
14	OR15-5 Human Sex Determination at the Edge of Ambiguity: Impaired SRY Phosphorylation Attenuates Expression of the Male Program. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
15	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
16	Human Sex Determination at the Edge of Ambiguity. <i>Journal of Biological Chemistry</i> , 2016, 291, 22173-22195.	3.4	11
17	Structure-Function Relationships in Human Testis-determining Factor SRY. <i>Journal of Biological Chemistry</i> , 2014, 289, 32410-32429.	3.4	14
18	Inherited human sex reversal due to impaired nucleocytoplasmic trafficking of SRY defines a male transcriptional threshold. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3567-76.	7.1	26

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19	Microsatellite-encoded domain in rodent Sry functions as a genetic capacitor to enable the rapid evolution of biological novelty. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3061-70.	7.1	16
20	Mammalian Testis-determining Factor SRY and the Enigma of Inherited Human Sex Reversal. Journal of Biological Chemistry, 2011, 286, 36787-36807.	3.4	19