

# Yen-Shan Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9453685/publications.pdf>

Version: 2024-02-01

20  
papers

223  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Mammalian Testis-determining Factor SRY and the Enigma of Inherited Human Sex Reversal. <i>Journal of Biological Chemistry</i> , 2011, 286, 36787-36807.	3.4	19
5	Microsatellite-encoded domain in rodent Sry functions as a genetic capacitor to enable the rapid evolution of biological novelty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3061-70.	7.1	16
6	Structural principles of insulin formulation and analog design: A century of innovation. <i>Molecular Metabolism</i> , 2021, 52, 101325.	6.5	15
7	Structure-Function Relationships in Human Testis-determining Factor SRY. <i>Journal of Biological Chemistry</i> , 2014, 289, 32410-32429.	3.4	14
8	Human Sex Determination at the Edge of Ambiguity. <i>Journal of Biological Chemistry</i> , 2016, 291, 22173-22195.	3.4	11
9	“Register-shift” insulin analogs uncover constraints of proteotoxicity in protein evolution. <i>Journal of Biological Chemistry</i> , 2020, 295, 3080-3098.	3.4	11
10	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
11	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
12	Structural Lessons From the Mutant Proinsulin Syndrome. <i>Frontiers in Endocrinology</i> , 2021, 12, 754693.	3.5	8
13	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
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	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
16	Peptide Model of the Mutant Proinsulin Syndrome. II. Nascent Structure and Biological Implications. <i>Frontiers in Endocrinology</i> , 2022, 13, 821091.	3.5	2
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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