

# Sung Wook Chi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6240916/publications.pdf>

Version: 2024-02-01

21  
papers

5,707  
citations

623188

14  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

9231  
citing authors

#	ARTICLE	IF	CITATIONS
1	FMRP Stalls Ribosomal Translocation on mRNAs Linked to Synaptic Function and Autism. <i>Cell</i> , 2011, 146, 247-261.	13.5	1,864
2	Argonaute HITS-CLIP decodes microRNA-mRNA interaction maps. <i>Nature</i> , 2009, 460, 479-486.	13.7	1,651
3	HITS-CLIP yields genome-wide insights into brain alternative RNA processing. <i>Nature</i> , 2008, 456, 464-469.	13.7	1,245
4	An alternative mode of microRNA target recognition. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 321-327.	3.6	308
5	MicroRNA Target Recognition: Insights from Transcriptome-Wide Non-Canonical Interactions. <i>Molecules and Cells</i> , 2016, 39, 375-381.	1.0	128
6	Evaluation and control of miRNA-like off-target repression for RNA interference. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 797-814.	2.4	75
7	Position-specific oxidation of miR-1 encodes cardiac hypertrophy. <i>Nature</i> , 2020, 584, 279-285.	13.7	72
8	MicroRNAs transfected into granulosa cells may regulate oocyte meiotic competence during in vitro maturation of mouse follicles. <i>Human Reproduction</i> , 2013, 28, 3050-3061.	0.4	63
9	eIF4AIII enhances translation of nuclear cap-binding complex-bound mRNAs by promoting disruption of secondary structures in 5'UTR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4577-86.	3.3	62
10	MicroRNA Expression Profiles are Altered by Gonadotropins and Vitamin C Status During In Vitro Follicular Growth. <i>Reproductive Sciences</i> , 2010, 17, 1081-1089.	1.1	40
11	Identification of a novel antiapoptotic protein that antagonizes ASK1 and CAD activities. <i>Journal of Cell Biology</i> , 2003, 163, 71-81.	2.3	39
12	Abasic pivot substitution harnesses target specificity of RNA interference. <i>Nature Communications</i> , 2015, 6, 10154.	5.8	39
13	The stem cell marker <i>Prom1</i> promotes axon regeneration by down-regulating cholesterol synthesis via Smad signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15955-15966.	3.3	34
14	Self-Organizing Latent Lattice Models for Temporal Gene Expression Profiling. <i>Machine Learning</i> , 2003, 52, 67-89.	3.4	21
15	miRTCat: a comprehensive map of human and mouse microRNA target sites including non-canonical nucleation bulges. <i>Bioinformatics</i> , 2013, 29, 1898-1899.	1.8	14
16	Rationally designed siRNAs without miRNA-like off-target repression. <i>BMB Reports</i> , 2016, 49, 135-136.	1.1	14
17	AGO-accessible anticancer siRNAs designed with synergistic miRNA-like activity. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1172-1190.	2.3	11
18	Depletion of <i>Prmt1</i> in Adipocytes Impairs Glucose Homeostasis in Diet-Induced Obesity. <i>Diabetes</i> , 2021, 70, 1664-1678.	0.3	9

#	ARTICLE	IF	CITATIONS
19	CLIPick: a sensitive peak caller for expression-based deconvolution of HITS-CLIP signals. <i>Nucleic Acids Research</i> , 2018, 46, 11153-11168.	6.5	8
20	AGO CLIP-based imputation of potent siRNA sequences targeting SARS-CoV-2 with antifibrotic miRNA-like activity. <i>Scientific Reports</i> , 2021, 11, 19161.	1.6	6
21	siAbasic: a comprehensive database for potent siRNA-6Å <sup>~</sup> sequences without off-target effects. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	4