

# Young Joo Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6338923/publications.pdf>

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15  
papers

140  
citations

1307594

7  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	A protocol to inject ocular drug implants into mouse eyes. STAR Protocols, 2022, 3, 101143.	1.2	3
2	New COL6A6 Variant Causes Autosomal Dominant Retinitis Pigmentosa in a Four-Generation Family. , 2022, 63, 23.		1
3	Calpains as mechanistic drivers and therapeutic targets for ocular disease. Trends in Molecular Medicine, 2022, 28, 644-661.	6.7	6
4	A Fluorescence-Based Assay to Determine PDZ-Ligand Binding Thermodynamics. Methods in Molecular Biology, 2021, 2256, 137-148.	0.9	0
5	Peptidomimetics Therapeutics for Retinal Disease. Biomolecules, 2021, 11, 339.	4.0	10
6	Structure-based phylogeny identifies avoralstat as a TMPRSS2 inhibitor that prevents SARS-CoV-2 infection in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	24
7	An intravitreal implant injection method for sustained drug delivery into mouse eyes. Cell Reports Methods, 2021, 1, 100125.	2.9	12
8	A physics-based energy function allows the computational redesign of a PDZ domain. Scientific Reports, 2020, 10, 11150.	3.3	7
9	Structural Insights into the Unique Activation Mechanisms of a Non-classical Calpain and Its Disease-Causing Variants. Cell Reports, 2020, 30, 881-892.e5.	6.4	17
10	SGEF forms a complex with Scribble and Dlg1 and regulates epithelial junctions and contractility. Journal of Cell Biology, 2019, 218, 2699-2725.	5.2	21
11	Biochemical and Structural Characterization of De Novo Designed PDZ Domains. Biophysical Journal, 2019, 116, 320a.	0.5	0
12	Novel mutations in the 3-box motif of the BACK domain of KLHL7 associated with nonsyndromic autosomal dominant retinitis pigmentosa. Orphanet Journal of Rare Diseases, 2019, 14, 295.	2.7	4
13	A Simple PB/LIE Free Energy Function Accurately Predicts the Peptide Binding Specificity of the Tiam1 PDZ Domain. Frontiers in Molecular Biosciences, 2017, 4, 65.	3.5	10
14	Distinct Roles for Conformational Dynamics in Protein-Ligand Interactions. Structure, 2016, 24, 2053-2066.	3.3	21
15	Structural Insights into the Unique Activation Mechanisms of a Non-Classical Calpain and its Disease-Causing Variants. SSRN Electronic Journal, 0, , .	0.4	0