

# Sheng-Kai Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4228631/publications.pdf>

Version: 2024-02-01

15  
papers

2,602  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad neutralization coverage of HIV by multiple highly potent antibodies. <i>Nature</i> , 2011, 477, 466-470.	27.8	1,397
2	A Potent and Broad Neutralizing Antibody Recognizes and Penetrates the HIV Glycan Shield. <i>Science</i> , 2011, 334, 1097-1103.	12.6	644
3	Quantitative Analysis of Carbohydrate-Protein Interactions Using Glycan Microarrays: Determination of Surface and Solution Dissociation Constants. <i>Journal of the American Chemical Society</i> , 2007, 129, 11177-11184.	13.7	244
4	Chiral oxovanadium complex catalyzed enantioselective oxidative coupling of 2-naphthols. <i>Chemical Communications</i> , 2001, , 980-981.	4.1	119
5	Galactose Derivative-Modified Nanoparticles for Efficient siRNA Delivery to Hepatocellular Carcinoma. <i>Biomacromolecules</i> , 2018, 19, 2330-2339.	5.4	53
6	A multifunctional nanocarrier for efficient TRAIL-based gene therapy against hepatocellular carcinoma with desmoplasia in mice. <i>Hepatology</i> , 2018, 67, 899-913.	7.3	38
7	Glycan-based diagnostic devices: current progress, challenges and perspectives. <i>Chemical Communications</i> , 2015, 51, 16750-16762.	4.1	31
8	Development of <i>Pseudomonas aeruginosa</i> Lectin LecA Inhibitor by using Bivalent Galactosides Supported on Polyproline Peptide Scaffolds. <i>Chemistry - an Asian Journal</i> , 2018, 13, 686-700.	3.3	20
9	Selective targeting of DC-SIGN by controlling the oligomannose pattern on a polyproline tetra-helix macrocycle scaffold. <i>Chemical Communications</i> , 2019, 55, 9124-9127.	4.1	14
10	Controlling Ligand Spacing on Surface: Polyproline-Based Fluorous Microarray as a Tool in Spatial Specificity Analysis and Inhibitor Development for Carbohydrate-Protein Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41691-41699.	8.0	12
11	Synthesis of Asymmetric N-Glycans as Common Core Substrates for Structural Diversification through Selective Enzymatic Glycosylation. <i>ACS Chemical Biology</i> , 2020, 15, 2382-2394.	3.4	12
12	Polyproline Tri-Helix Macrocycles as Nanosized Scaffolds to Control Ligand Patterns for Selective Protein Oligomer Interactions. <i>Small</i> , 2019, 15, e1900561.	10.0	8
13	Strategy and Effects of Polyproline Peptide Stapling by Copper(I)-Catalyzed Alkyne-Azide Cycloaddition Reaction. <i>ChemBioChem</i> , 2019, 20, 153-158.	2.6	6
14	Preparation and conformational analysis of polyproline tri-helix macrocycle nanoscaffolds of varied sizes. <i>Nanoscale</i> , 2021, 13, 4592-4601.	5.6	2
15	Design and synthesis of fluorinated peptides for analysis of fluorous effects on the interconversion of polyproline helices. <i>Bioorganic Chemistry</i> , 2022, 119, 105491.	4.1	2