

# Man Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,163  
citations

361413

20  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-Racemic X-ray Structures of K27-Linked Ubiquitin Chains Prepared by Total Chemical Synthesis. <i>Journal of the American Chemical Society</i> , 2016, 138, 7429-7435.	13.7	173
2	Irreversible Site-Specific Hydrazinolysis of Proteins by Use of Sortase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2198-2202.	13.8	122
3	Monomer/Oligomer Quasi-Racemic Protein Crystallography. <i>Journal of the American Chemical Society</i> , 2016, 138, 14497-14502.	13.7	72
4	Structural basis of ubiquitin modification by the Legionella effector SdeA. <i>Nature</i> , 2018, 557, 674-678.	27.8	69
5	Cysteine-Aminoethylation-Assisted Chemical Ubiquitination of Recombinant Histones. <i>Journal of the American Chemical Society</i> , 2019, 141, 3654-3663.	13.7	62
6	Mechanistic insight into substrate processing and allosteric inhibition of human p97. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 614-625.	8.2	56
7	Structural insights into Ubr1-mediated N-degron polyubiquitination. <i>Nature</i> , 2021, 600, 334-338.	27.8	54
8	Chemical Protein Synthesis Enabled Mechanistic Studies on the Molecular Recognition of K27-Linked Ubiquitin Chains. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2627-2631.	13.8	51
9	Synthesis of and Specific Antibody Generation for Glycopeptides with Arginine N-GlcNAcylation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14517-14521.	13.8	49
10	Seesaw conformations of Npl4 in the human p97 complex and the inhibitory mechanism of a disulfiram derivative. <i>Nature Communications</i> , 2021, 12, 121.	12.8	49
11	A semisynthetic Atg3 reveals that acetylation promotes Atg3 membrane binding and Atg8 lipidation. <i>Nature Communications</i> , 2017, 8, 14846.	12.8	43
12	K29-linked ubiquitin signaling regulates proteotoxic stress response and cell cycle. <i>Nature Chemical Biology</i> , 2021, 17, 896-905.	8.0	40
13	Alternative splicing controls teneurin-latrophilin interaction and synapse specificity by a shape-shifting mechanism. <i>Nature Communications</i> , 2020, 11, 2140.	12.8	36
14	Chemical Synthesis of Structurally Defined Phosphorylated Ubiquitins Suggests Impaired Parkin Activation by Phosphorylated Ubiquitins with a Non-Phosphorylated Distal Unit. <i>CCS Chemistry</i> , 2019, 1, 476-489.	7.8	32
15	Sortase-mediated chemical protein synthesis reveals the bidentate binding of bisphosphorylated p62 with K63 diubiquitin. <i>Chemical Science</i> , 2017, 8, 6881-6887.	7.4	29
16	Structural insights into human acid-sensing ion channel 1a inhibition by snake toxin mambalgin1. <i>ELife</i> , 2020, 9, .	6.0	29
17	Cryo-EM structure of the ASIC1a-mambalgin-1 complex reveals that the peptide toxin mambalgin-1 inhibits acid-sensing ion channels through an unusual allosteric effect. <i>Cell Discovery</i> , 2018, 4, 27.	6.7	28
18	A Highly Efficient Synthesis of Polyubiquitin Chains. <i>Advanced Science</i> , 2018, 5, 1800234.	11.2	23

#	ARTICLE	IF	CITATIONS
19	An E1â€Catalyzed Chemoenzymatic Strategy to Isopeptideâ€N</i>â€Ethylated Deubiquitylaseâ€Resistant Ubiquitin Probes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13496-13501.	13.8	23
20	Hmb<sup>off/on</sup> as a switchable thiol protecting group for native chemical ligation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4194-4198.	2.8	22
21	Chemical Synthesis of Natural Polyubiquitin Chains through Auxiliary-Mediated Ligation of an Expressed Ubiquitin Isomer. <i>Organic Letters</i> , 2018, 20, 329-332.	4.6	19
22	Total synthesis of mambalginâ€1/2/3 by twoâ€segment hydrazideâ€based native chemical ligation. <i>Journal of Peptide Science</i> , 2016, 22, 320-326.	1.4	9
23	Chemical Protein Synthesis Enabled Mechanistic Studies on the Molecular Recognition of K27â€linked Ubiquitin Chains. <i>Angewandte Chemie</i> , 2019, 131, 2653-2657.	2.0	8
24	Insights into the Design of p97-targeting Small Molecules from Structural Studies on p97 Functional Mechanism. <i>Current Medicinal Chemistry</i> , 2020, 27, 298-316.	2.4	6
25	Chemical Synthesis of diSUMO Photoaffinity Probes for the Identification of PolySUMO Chain-Specific Interacting Proteins. <i>CCS Chemistry</i> , 2021, 3, 1157-1168.	7.8	4
26	Structural basis for the mechanisms of human presequence protease conformational switch and substrate recognition. <i>Nature Communications</i> , 2022, 13, 1833.	12.8	4
27	An E1â€Catalyzed Chemoenzymatic Strategy to Isopeptideâ€N</i>â€Ethylated Deubiquitylaseâ€Resistant Ubiquitin Probes. <i>Angewandte Chemie</i> , 2020, 132, 13598-13603.	2.0	3