

# Sanling Liu

## List of Publications by Citations

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207  
papers

11,987  
citations

62  
h-index

104  
g-index

238  
ext. papers

13,310  
ext. citations

9.8  
avg, IF

6.51  
L-index

#	Paper	IF	Citations
207	Protein chemical synthesis by ligation of peptide hydrazides. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7645-9	16.4	490
206	Transition metal-catalyzed decarboxylative cross-coupling reactions. <i>Science China Chemistry</i> , <b>2011</b> , 54, 1670-1687	7.9	368
205	Quantum-chemical predictions of absolute standard redox potentials of diverse organic molecules and free radicals in acetonitrile. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 7227-34	16.4	302
204	Chemical synthesis of proteins using peptide hydrazides as thioester surrogates. <i>Nature Protocols</i> , <b>2013</b> , 8, 2483-95	18.8	301
203	Alkylboronic esters from copper-catalyzed borylation of primary and secondary alkyl halides and pseudohalides. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 528-32	16.4	300
202	Copper-catalyzed decarboxylative cross-coupling of potassium polyfluorobenzoates with aryl iodides and bromides. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9350-4	16.4	261
201	Convergent chemical synthesis of proteins by ligation of peptide hydrazides. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10347-50	16.4	247
200	Mechanism of Ni-catalyzed selective C-O bond activation in cross-coupling of aryl esters. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 8815-23	16.4	244
199	Copper-promoted Sandmeyer trifluoromethylation reaction. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8436-9	16.4	237
198	Palladium-catalyzed decarboxylative couplings of 2-(2-azaaryl)acetates with aryl halides and triflates. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14391-3	16.4	236
197	Synthesis of aromatic esters via Pd-catalyzed decarboxylative coupling of potassium oxalate monoesters with aryl bromides and chlorides. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 5738-9	16.4	229
196	First-principle predictions of absolute pK <sub>a</sub> of organic acids in dimethyl sulfoxide solution. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 814-22	16.4	229
195	Synthesis of aryl nitriles through palladium-catalyzed decarboxylative coupling of cyanoacetate salts with aryl halides and triflates. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4470-4	16.4	206
194	Theoretical Study on Copper(I)-Catalyzed Cross-Coupling between Aryl Halides and Amides. <i>Organometallics</i> , <b>2007</b> , 26, 4546-4554	3.8	204
193	Theoretical analysis of factors controlling Pd-catalyzed decarboxylative coupling of carboxylic acids with olefins. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 638-46	16.4	203
192	Alternative mechanistic explanation for ligand-dependent selectivities in copper-catalyzed N- and O-arylation reactions. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 18078-91	16.4	180
191	Blocking of the PD-1/PD-L1 Interaction by a D-Peptide Antagonist for Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11760-4	16.4	175

190	Zinc-catalyzed borylation of primary, secondary and tertiary alkyl halides with alkoxy diboron reagents at room temperature. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1799-803	16.4	174
189	Copper-catalyzed cross-coupling reaction of organoboron compounds with primary alkyl halides and pseudohalides. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3904-7	16.4	170
188	Comparing Nickel- and Palladium-Catalyzed Heck Reactions. <i>Organometallics</i> , <b>2004</b> , 23, 2114-2123	3.8	167
187	Copper-catalyzed cross-coupling of nonactivated secondary alkyl halides and tosylates with secondary alkyl Grignard reagents. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 11124-7	16.4	153
186	Practical carbon-carbon bond formation from olefins through nickel-catalyzed reductive olefin hydrocarbonation. <i>Nature Communications</i> , <b>2016</b> , 7, 11129	17.4	149
185	Room-temperature copper-catalyzed carbon-nitrogen coupling of aryl iodides and bromides promoted by organic ionic bases. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7398-401	16.4	148
184	Crystal structure and biochemical analyses reveal Beclin 1 as a novel membrane binding protein. <i>Cell Research</i> , <b>2012</b> , 22, 473-89	24.7	142
183	Development of new thioester equivalents for protein chemical synthesis. <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 2475-84	24.3	141
182	Pd-catalyzed decarboxylative cross coupling of potassium polyfluorobenzoates with aryl bromides, chlorides, and triflates. <i>Organic Letters</i> , <b>2010</b> , 12, 1000-3	6.2	139
181	Theoretical Study on Monoligated Pd-Catalyzed Cross-Coupling Reactions of Aryl Chlorides and Bromides. <i>Organometallics</i> , <b>2008</b> , 27, 4043-4049	3.8	138
180	Quasi-Racemic X-ray Structures of K27-Linked Ubiquitin Chains Prepared by Total Chemical Synthesis. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7429-35	16.4	135
179	A synthetic molecular system capable of mirror-image genetic replication and transcription. <i>Nature Chemistry</i> , <b>2016</b> , 8, 698-704	17.6	129
178	Molecular basis for pore blockade of human Na channel Na1.2 by the $\beta$ -conotoxin KIIIA. <i>Science</i> , <b>2019</b> , 363, 1309-1313	33.3	123
177	Pd-catalysed decarboxylative Suzuki reactions and orthogonal Cu-based O-arylation of aromatic carboxylic acids. <i>Chemical Communications</i> , <b>2011</b> , 47, 677-9	5.8	122
176	N,N-dimethyl-beta-alanine as an inexpensive and efficient ligand for palladium-catalyzed Heck reaction. <i>Organic Letters</i> , <b>2006</b> , 8, 2467-70	6.2	114
175	Expedient total synthesis of small to medium-sized membrane proteins via Fmoc chemistry. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3695-704	16.4	112
174	An efficient one-pot four-segment condensation method for protein chemical synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5713-7	16.4	112
173	Protein Chemical Synthesis by Ligation of Peptide Hydrazides. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 7787-7793	3.6	112

172	Nickel-catalyzed sonogashira reactions of non-activated secondary alkyl bromides and iodides. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12409-13	16.4	105
171	Peptide o-aminoanilides as crypto-thioesters for protein chemical synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2194-8	16.4	103
170	Fmoc synthesis of peptide thioesters without post-chain-assembly manipulation. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11080-3	16.4	103
169	Diaminodiacid-based solid-phase synthesis of peptide disulfide bond mimics. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 9558-62	16.4	101
168	Irreversible site-specific hydrazinolysis of proteins by use of sortase. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2198-202	16.4	97
167	Ab Initio Calculations of Thermodynamic Hydricities of Transition-Metal Hydrides in Acetonitrile. <i>Organometallics</i> , <b>2007</b> , 26, 4197-4203	3.8	94
166	Palladium-catalyzed decarboxylative coupling of potassium nitrophenyl acetates with aryl halides. <i>Organic Letters</i> , <b>2011</b> , 13, 4240-3	6.2	90
165	One-pot native chemical ligation of peptide hydrazides enables total synthesis of modified histones. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 5435-41	3.9	88
164	Alkylboronic Esters from Copper-Catalyzed Borylation of Primary and Secondary Alkyl Halides and Pseudohalides. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 543-547	3.6	87
163	Homolytic C-H and N-H bond dissociation energies of strained organic compounds. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 3129-38	4.2	86
162	Alkylboronic Esters from Palladium- and Nickel-Catalyzed Borylation of Primary and Secondary Alkyl Bromides. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1685-1691	5.6	85
161	Synthesis of autophagosomal marker protein LC3-II under detergent-free conditions. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4858-62	16.4	81
160	Pd(quinoline-8-carboxylate)(2) as a low-priced, phosphine-free catalyst for Heck and Suzuki reactions. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 9342-5	4.2	79
159	Copper-promoted trifluoromethylation of primary and secondary alkylboronic acids. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12551-4	16.4	77
158	Synthesis of cyclic peptides and cyclic proteins via ligation of peptide hydrazides. <i>ChemBioChem</i> , <b>2012</b> , 13, 542-6	3.8	76
157	Hammett equation and generalized Pauling's electronegativity equation. <i>Journal of Chemical Information and Computer Sciences</i> , <b>2004</b> , 44, 652-7		76
156	Copper-catalyzed reductive cross-coupling of nonactivated alkyl tosylates and mesylates with alkyl and aryl bromides. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 15334-8	4.8	75
155	Practical Chemical Synthesis of Atypical Ubiquitin Chains by Using an Isopeptide-Linked Ub Isomer. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13333-13337	16.4	74

154	Chemical protein synthesis by kinetically controlled ligation of peptide O-esters. <i>ChemBioChem</i> , <b>2010</b> , 11, 511-5	3.8	73
153	N-Phenylurea as an inexpensive and efficient ligand for Pd-catalyzed Heck and room-temperature Suzuki reactions. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 163-167	2	73
152	Copper-Catalyzed Decarboxylative Cross-Coupling of Potassium Polyfluorobenzoates with Aryl Iodides and Bromides. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9514-9518	3.6	72
151	Robust Chemical Synthesis of Membrane Proteins through a General Method of Removable Backbone Modification. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3553-61	16.4	70
150	Diaminodiacid Bridges to Improve Folding and Tune the Bioactivity of Disulfide-Rich Peptides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14276-81	16.4	70
149	Synthesis of $\beta$ -Aryl Nitriles through Palladium-Catalyzed Decarboxylative Coupling of Cyanoacetate Salts with Aryl Halides and Triflates. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4562-4566	3.6	69
148	Remote substituent effects on N-X (X = H, F, Cl, CH <sub>3</sub> , Li) bond dissociation energies in para-substituted anilines. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 262-6	4.2	69
147	Cu-Catalyzed carbon-heteroatom coupling reactions under mild conditions promoted by resin-bound organic ionic bases. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 800-10	4.2	65
146	Remote substituent effects on bond dissociation energies of para-substituted aromatic silanes. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 6638-45	4.2	64
145	Ligation of expressed protein $\beta$ -hydrazides via genetic incorporation of an $\beta$ -hydroxy acid. <i>ACS Chemical Biology</i> , <b>2012</b> , 7, 1015-22	4.9	61
144	Mechanism of the Pd-catalyzed decarboxylative allylation of $\beta$ -amino esters: decarboxylation via free carboxylate ion. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 14527-38	4.8	61
143	Monomer/Oligomer Quasi-Racemic Protein Crystallography. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 14497-14502	16.4	60
142	Removable Backbone Modification Method for the Chemical Synthesis of Membrane Proteins. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 1143-1153	24.3	59
141	Synthesis of unnatural amino acids through palladium-catalyzed C(sp <sup>3</sup> )H functionalization. <i>Chinese Chemical Letters</i> , <b>2016</b> , 27, 305-311	8.1	59
140	Cyclophilin A associates with enterovirus-71 virus capsid and plays an essential role in viral infection as an uncoating regulator. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004422	7.6	57
139	Chemical synthesis of proteins using hydrazide intermediates. <i>National Science Review</i> , <b>2016</b> , 3, 107-116	10.8	55
138	Computational study on mechanism of Rh(III)-catalyzed oxidative Heck coupling of phenol carbamates with alkenes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 4175-84	4.3	54
137	Formation of C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) Bonds through Nickel-Catalyzed Decarboxylative Olefin Hydroalkylation Reactions. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11161-4	4.8	52

136	Convergent Chemical Synthesis of Proteins by Ligation of Peptide Hydrazides. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 10493-10496	3.6	50
135	Copper-Catalyzed Cross-Coupling Reaction of Organoboron Compounds with Primary Alkyl Halides and Pseudohalides. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3990-3993	3.6	49
134	Convergent glycopeptide synthesis by traceless Staudinger ligation and enzymatic coupling. <i>ChemBioChem</i> , <b>2006</b> , 7, 429-32	3.8	49
133	Zink-katalysierte Borylierung von primären, sekundären und tertiären Alkylhalogeniden mit Alkoxydiborreagentien bei Raumtemperatur. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1829-1834	3.6	48
132	Regioselective Pd-catalyzed indolization of 2-bromoanilines with internal alkynes using phosphine-free ligands. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 3458-3462	2	47
131	Recent advances in mechanistic studies on Ni catalyzed cross-coupling reactions. <i>Chinese Journal of Catalysis</i> , <b>2015</b> , 36, 3-14	11.3	46
130	Remote substituent effects on homolytic bond dissociation energies. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 4657-62	4.2	46
129	Genetically encoded alkenylpyrrolysine analogues for thiolene reaction mediated site-specific protein labeling. <i>Chemical Science</i> , <b>2012</b> , 3, 2766	9.4	43
128	Stapled peptide-based membrane fusion inhibitors of hepatitis C virus. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3547-54	3.4	43
127	Radical Stabilization Energies of Substituted XNH Radicals. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 6651-6658	2.8	42
126	Substituent effects on the S-H bond dissociation energies of thiophenols. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 1223-1230		41
125	Aryl Nitrile Construction via Palladium-Catalyzed Decarboxylative Benzoylation of Cyano Aliphatic Carboxylate Salts. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 2465-2472	5.6	39
124	Chemical synthesis of crystalline proteins. <i>Science China Chemistry</i> , <b>2015</b> , 58, 1779-1781	7.9	38
123	Chemical Protein Synthesis Enabled Mechanistic Studies on the Molecular Recognition of K27-linked Ubiquitin Chains. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2627-2631	16.4	38
122	A Novel d-Peptide Identified by Mirror-Image Phage Display Blocks TIGIT/PVR for Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15114-15118	16.4	36
121	Synthesis of and specific antibody generation for glycopeptides with arginine N-GlcNAcylation. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14517-21	16.4	36
120	A novel peptide stapling strategy enables the retention of ring-closing amino acid side chains for the Wnt/ $\beta$ -catenin signalling pathway. <i>Chemical Science</i> , <b>2017</b> , 8, 7368-7373	9.4	36
119	Cysteine-Aminoethylation-Assisted Chemical Ubiquitination of Recombinant Histones. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 3654-3663	16.4	36

118	Chemical Synthesis of K34-Ubiqitylated H2B for Nucleosome Reconstitution and Single-Particle Cryo-Electron Microscopy Structural Analysis. <i>ChemBioChem</i> , <b>2017</b> , 18, 176-180	3.8	35
117	Total chemical synthesis of a thermostable enzyme capable of polymerase chain reaction. <i>Cell Discovery</i> , <b>2017</b> , 3, 17008	22.3	33
116	Hydrazine-sensitive thiol protecting group for peptide and protein chemistry. <i>Organic Letters</i> , <b>2011</b> , 13, 568-71	6.2	33
115	Meta-selective transition-metal catalyzed arene C-H bond functionalization. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7126-8	16.4	33
114	Chemoselective ligation of peptide phenyl esters with N-terminal cysteines. <i>ChemBioChem</i> , <b>2010</b> , 11, 1061-5	3.8	33
113	Chemical Synthesis of Diubiquitin-Based Photoaffinity Probes for Selectively Profiling Ubiquitin-Binding Proteins. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2744-2748	16.4	32
112	First-principles prediction of nucleophilicity parameters for pi nucleophiles: implications for mechanistic origin of Mayr's equation. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 2586-98	4.8	32
111	A semisynthetic Atg3 reveals that acetylation promotes Atg3 membrane binding and Atg8 lipidation. <i>Nature Communications</i> , <b>2017</b> , 8, 14846	17.4	31
110	Mirror-image polymerase chain reaction. <i>Cell Discovery</i> , <b>2017</b> , 3, 17037	22.3	30
109	Chemical synthesis of a cyclotide via intramolecular cyclization of peptide O-esters. <i>Science China Chemistry</i> , <b>2012</b> , 55, 64-69	7.9	30
108	Copper-Promoted Trifluoromethylation of Primary and Secondary Alkylboronic Acids. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12719-12722	3.6	30
107	Design of stapled helical peptides to specifically activate Wnt/ $\beta$ -catenin signaling. <i>Cell Research</i> , <b>2013</b> , 23, 581-4	24.7	30
106	Chemical synthesis of a two-photon-activatable chemokine and photon-guided lymphocyte migration in vivo. <i>Nature Communications</i> , <b>2015</b> , 6, 7220	17.4	29
105	Expedient synthesis of chiral amino acids through nickel-catalyzed reductive cross-coupling. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 15339-43	4.8	29
104	Room-Temperature Copper-Catalyzed Carbon-Nitrogen Coupling of Aryl Iodides and Bromides Promoted by Organic Ionic Bases. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 7534-7537	3.6	29
103	Redox potentials of trifluoromethyl-containing compounds. <i>Science China Chemistry</i> , <b>2015</b> , 58, 673-683	7.9	28
102	First-principle calculation of equilibrium cesium ion-pair acidities in tetrahydrofuran. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 13510-9	16.4	28
101	Chemical synthesis of membrane proteins by the removable backbone modification method. <i>Nature Protocols</i> , <b>2017</b> , 12, 2554-2569	18.8	27

100	Nickel-Catalyzed Sonogashira Reactions of Non-activated Secondary Alkyl Bromides and Iodides. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12635-12639	3.6	27
99	Total chemical synthesis of photoactivatable proteins for light-controlled manipulation of antigen-antibody interactions. <i>Chemical Science</i> , <b>2016</b> , 7, 1891-1895	9.4	26
98	Diaminodiacid-Based Solid-Phase Synthesis of Peptide Disulfide Bond Mimics. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 9737-9741	3.6	26
97	Synthesis of Disulfide Surrogate Peptides Incorporating Large-Span Surrogate Bridges Through a Native-Chemical-Ligation-Assisted Diaminodiacid Strategy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6037-6045	16.4	25
96	Selective modification of natural nucleophilic residues in peptides and proteins using arylpalladium complexes. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 3186-3193	5.2	25
95	Ligation of Soluble but Unreactive Peptide Segments in the Chemical Synthesis of Haemophilus Influenzae DNA Ligase. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12231-12237	16.4	24
94	Chemical synthesis of histone H2A with methylation at Gln104. <i>Science China Chemistry</i> , <b>2017</b> , 60, 621-627	7.9	24
93	Chimeric protein probes for C5a receptors through fusion of the anaphylatoxin C5a core region with a small-molecule antagonist. <i>Science China Chemistry</i> , <b>2019</b> , 62, 1371-1378	7.9	23
92	Design of thiol-containing amino acids for native chemical ligation at non-Cys sites. <i>Chinese Chemical Letters</i> , <b>2013</b> , 24, 265-269	8.1	23
91	Peptide o-Aminoanilides as Crypto-Thioesters for Protein Chemical Synthesis. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2222-2226	3.6	22
90	A PROTAC peptide induces durable $\beta$ -catenin degradation and suppresses Wnt-dependent intestinal cancer. <i>Cell Discovery</i> , <b>2020</b> , 6, 35	22.3	21
89	Chemical Synthesis of Proteins Containing 300 Amino Acids. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 733-747	2.2	21
88	Hexafluoro-2-propanol as a potent cosolvent for chemical ligation of membrane proteins. <i>Science China Chemistry</i> , <b>2011</b> , 54, 110-116	7.9	21
87	Development of new quinoline-based photo-labile groups for photo-regulation of bioactive molecules. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1609-1612	2	21
86	Chemically synthesized histone H2A Lys13 di-ubiquitination promotes binding of 53BP1 to nucleosomes. <i>Cell Research</i> , <b>2018</b> , 28, 257-260	24.7	21
85	Hmb(off/on) as a switchable thiol protecting group for native chemical ligation. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 4194-8	3.9	20
84	Irreversible Site-Specific Hydrazinolysis of Proteins by Use of Sortase. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2230-2234	3.6	19
83	An Efficient One-Pot Four-Segment Condensation Method for Protein Chemical Synthesis. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5805-5809	3.6	19



82	Development and application of ubiquitin-based chemical probes. <i>Chemical Science</i> , <b>2020</b> , 11, 12633-12646	19.4	19
81	Seesaw conformations of Npl4 in the human p97 complex and the inhibitory mechanism of a disulfiram derivative. <i>Nature Communications</i> , <b>2021</b> , 12, 121	17.4	19
80	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> , <b>2018</b> , 4, 27	22.3	18
79	Mechanism of palladium-catalyzed decarboxylative cross-coupling between cyanoacetate salts and aryl halides. <i>Science China Chemistry</i> , <b>2012</b> , 55, 2057-2062	7.9	18
78	1,3-Dicarbonyl compounds as phosphine-free ligands for Pd-catalyzed Heck and Suzuki reactions. <i>Chinese Chemical Letters</i> , <b>2007</b> , 18, 625-628	8.1	18
77	Examination of the Deubiquitylation Site Selectivity of USP51 by Using Chemically Synthesized Ubiquitylated Histones. <i>ChemBioChem</i> , <b>2019</b> , 20, 221-229	3.8	18
76	Semi-synthesis of disulfide-linked branched tri-ubiquitin mimics. <i>Science China Chemistry</i> , <b>2018</b> , 61, 412-417	11.3	17
75	Acyl donors for native chemical ligation. <i>Current Opinion in Chemical Biology</i> , <b>2018</b> , 46, 33-40	9.7	17
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