Helma Wennemers

List of Publications by Year
in descending order

51	1,118	361045	414034
papers	citations	20 h-index	32 g-index

53	53	53	1279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peptideâ€Catalyzed Stereoselective Conjugate Addition Reaction of Aldehydes to Câ€Substituted Maleimides. Chemistry - A European Journal, 2022, 28, .	1.7	10
2	Decarboxylative Organocatalyzed Addition Reactions of Fluoroacetate Surrogates for the Synthesis of Fluorinated Oxindoles. Organic Letters, 2021, 23, 1753-1757.	2.4	12
3	Oligodimethylsiloxane-Oligoproline Block Co-Oligomers: the Interplay between Aggregation and Phase Segregation in Bulk and Solution. Journal of the American Chemical Society, 2021, 143, 4032-4042.	6.6	5
4	FranÃ§ois Diederich (1952â€“2020): 40â€…Jahre Organische Chemie. Angewandte Chemie, 2021, 133, 11666-11671.	2.4	0
5	Influence of Lipidation on the Folding and Stability of Collagen Triple Helicesâ€”An Experimental and Theoretical Study. Journal of the American Chemical Society, 2021, 143, 5937-5942.	6.6	25
6	FranÃ§ois Diederich (1952â€“2020): 40 Years of Organic Chemistry. Angewandte Chemie - International Edition, 2021, 60, 11562-11567.	7.2	0
7	Imaging and targeting LOX-mediated tissue remodeling with a reactive collagen peptide. Nature Chemical Biology, 2021, 17, 865-871.	3.9	29
8	Synergistic Peptide and Gold Catalysis: Enantioselective Addition of Branched Aldehydes to Allenamides. Chemistry - A European Journal, 2021, 27, 17559-17564.	1.7	7
9	Peptideâ€“Metal Frameworks with Metal Strings Guided by Dispersion Interactions. Journal of the American Chemical Society, 2021, 143, 644-648.	6.6	43
10	Exploring the signaling space of a GPCR using bivalent ligands with a rigid oligoproline backbone. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	5
11	Why Proline? Influence of Ring-Size on the Collagen Triple Helix. Organic Letters, 2020, 22, 348-351.	2.4	18
12	Effect of the enamine pyramidalization direction on the reactivity of secondary amine organocatalysts. Chemical Science, 2020, 11, 1943-1947.	3.7	23
13	Distance-Dependent Cellular Uptake of Oligoproline-Based Homobivalent Ligands Targeting GPCRsâ€”An Experimental and Computational Analysis. Bioconjugate Chemistry, 2020, 31, 2431-2438.	1.8	5
14	Delivery of myoâ€Inositol Hexakisphosphate to the Cell Nucleus with a Prolineâ€Based Cellâ€Penetrating Peptide. Angewandte Chemie, 2020, 132, 15716-15719.	1.6	1
15	Amine Catalysis with Substrates Bearing Nâ€Heterocyclic Moieties Enabled by Control over the Enamine Pyramidalization Direction. Chemistry - A European Journal, 2020, 26, 15623-15628.	1.7	20
16	Delivery of myoâ€Inositol Hexakisphosphate to the Cell Nucleus with a Prolineâ€Based Cellâ€Penetrating Peptide. Angewandte Chemie - International Edition, 2020, 59, 15586-15589.	7.2	11
17	Alkylation of Î³â€Azaproline Creates Conformationally Adaptable Proline Derivatives for pHâ€Responsive Collagen Triple Helices. Chemistry - A European Journal, 2020, 26, 5070-5074.	1.7	11
18	Organocatalysed conjugate addition reactions of aldehydes to nitroolefins with anti selectivity. Nature Catalysis, 2020, 3, 143-147.	16.1	38

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19	A Lateral Salt Bridge for the Specific Assembly of an ABC-Type Collagen Heterotrimer. Journal of the American Chemical Society, 2020, 142, 2208-2212.	6.6	17
20	Deactivation of Secondary Amine Catalysts via Aldol Reactionâ€“Amine Catalysis under Solvent-Free Conditions. Journal of Organic Chemistry, 2020, 85, 7633-7640.	1.7	21
21	The Bioorthogonal Isonitrileâ€“Chlorooxime Ligation. Journal of the American Chemical Society, 2019, 141, 18644-18648.	6.6	41
22	Î³â€Azaproline Confers pHâ€…Responsiveness and Functionalizability on Collagen Triple Helices. Angewandte Chemie - International Edition, 2019, 58, 3143-3146.	7.2	36
23	Temperature-controlled electrospray ionization mass spectrometry as a tool to study collagen homo- and heterotrimers. Chemical Science, 2019, 10, 9829-9835.	3.7	23
24	Synthesis of 4-(Arylmethyl)proline Derivatives. Synlett, 2019, 30, 508-510.	1.0	5
25	Combined experimental and theoretical study of long-range Hâ€“F interactions in Î±-fluoro amides. Chemical Communications, 2019, 55, 2253-2256.	2.2	6
26	Î³â€Azaproline Confers pHâ€…Responsiveness and Functionalizability on Collagen Triple Helices. Angewandte Chemie, 2019, 131, 3175-3178.	1.6	6
27	Oligoprolines guide the self-assembly of quaterthiophenes. Chemical Science, 2019, 10, 5391-5396.	3.7	14
28	4â€Naphthylmethyl Proline Forms a Channel Structure. Helvetica Chimica Acta, 2019, 102, e1900052.	1.0	3
29	Hydrophobic Moieties Bestow Fast-Folding and Hyperstability on Collagen Triple Helices. Journal of the American Chemical Society, 2019, 141, 5607-5611.	6.6	31
30	Titelbild: Peptideâ€Coated Platinum Nanoparticles with Selective Toxicity against Liver Cancer Cells (Angew. Chem. 15/2019). Angewandte Chemie, 2019, 131, 4795-4795.	1.6	0
31	Effect of Î² 3 â€Amino Acids on the Performance of the Peptidic Catalyst Hâ€•d Proâ€Proâ€Gluâ€NH 2. Helvetica Chimica Acta, 2019, 102, e1900070.	1.0	6
32	Peptideâ€Coated Platinum Nanoparticles with Selective Toxicity against Liver Cancer Cells. Angewandte Chemie, 2019, 131, 4955-4959.	1.6	2
33	Peptideâ€Coated Platinum Nanoparticles with Selective Toxicity against Liver Cancer Cells. Angewandte Chemie - International Edition, 2019, 58, 4901-4905.	7.2	64
34	Elucidating the Structureâ€“Activity Relationship of the Pentaglutamic Acid Sequence of Minigastrin with Cholecystokinin Receptor Subtype 2. Bioconjugate Chemistry, 2019, 30, 657-666.	1.8	12
35	Functionalized Prolineâ€Rich Peptides Bind the Bacterial Second Messenger câ€diâ€GMP. Angewandte Chemie - International Edition, 2018, 57, 7729-7733.	7.2	23
36	Functionalized Prolineâ€Rich Peptides Bind the Bacterial Second Messenger câ€diâ€GMP. Angewandte Chemie, 2018, 130, 7855-7859.	1.6	3

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37	Effect of Î³-Substituted Proline Derivatives on the Performance of the Peptidic Catalyst H-dPro-Pro-Glu-NH2. Synthesis, 2018, 50, 4377-4382.	1.2	14
38	Conformational Properties of a Peptidic Catalyst: Insights from NMR Spectroscopic Studies. Journal of the American Chemical Society, 2018, 140, 10829-10838.	6.6	46
39	Positional Isomers of Chromophoreâ€“Peptide Conjugates Selfâ€Assemble into Different Morphologies. Chemistry - A European Journal, 2018, 24, 12623-12629.	1.7	9
40	pHâ€Responsive Aminoprolineâ€Containing Collagen Triple Helices. Chemistry - A European Journal, 2017, 23, 7938-7944.	1.7	26
41	Effect of Preorganized Chargeâ€Display on the Cellâ€Penetrating Properties of Cationic Peptides. Angewandte Chemie - International Edition, 2017, 56, 122-126.	7.2	80
42	Effect of Preorganized Chargeâ€Display on the Cellâ€Penetrating Properties of Cationic Peptides. Angewandte Chemie, 2017, 129, 128-132.	1.6	23
43	Is more better? A comparison of tri- and tetrapeptidic catalysts. Organic and Biomolecular Chemistry, 2017, 15, 5877-5881.	1.5	18
44	Peptides on the Rise. Accounts of Chemical Research, 2017, 50, 2419-2419.	7.6	8
45	Influence of the Trans/Cis Conformer Ratio on the Stereoselectivity of Peptidic Catalysts. Journal of the American Chemical Society, 2017, 139, 15356-15362.	6.6	68
46	Oligoprolines as Molecular Entities for Controlling Distance in Biological and Material Sciences. Accounts of Chemical Research, 2017, 50, 2420-2428.	7.6	49
47	Effect of N- and C-terminal functional groups on the stability of collagen triple helices. Chemical Communications, 2017, 53, 11036-11039.	2.2	13
48	Cross-Linked Collagen Triple Helices by Oxime Ligation. Journal of the American Chemical Society, 2017, 139, 12815-12820.	6.6	50
49	A triaxial supramolecular weave. Nature Chemistry, 2017, 9, 1068-1072.	6.6	76
50	Stereoselective Organocatalyzed Synthesis of Î±â€Fluorinated Î²â€Amino Thioesters and Their Application in Peptide Synthesis. Angewandte Chemie, 2016, 128, 13321-13325.	1.6	16
51	Stereoselective Organocatalyzed Synthesis of Î±â€Fluorinated Î²â€Amino Thioesters and Their Application in Peptide Synthesis. Angewandte Chemie - International Edition, 2016, 55, 13127-13131.	7.2	46