Oleg Melnyk

List of Publications by Year in descending order

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170	4,493	109321	144013
papers	citations	35 h-index	57 g-index

202	202	202	3502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pedal to the Metal: The Homogeneous Catalysis of the Native Chemical Ligation Reaction. Chemistry - A European Journal, 2022, 28, e202104229.	3.3	11
2	Frontispiece: Pedal to the Metal: The Homogeneous Catalysis of the Native Chemical Ligation Reaction. Chemistry - A European Journal, 2022, 28, .	3.3	0
3	Fast Protein Modification in the Nanomolar Concentration Range Using an Oxalyl Amide as Latent Thioester. Angewandte Chemie - International Edition, 2022, , .	13.8	4
4	A Selenium-based Cysteine Surrogate for Protein Chemical Synthesis. Methods in Molecular Biology, 2022, , 213-239.	0.9	1
5	Thiol Catalysis of Selenosulfide Bond Cleavage by a Triarylphosphine. Journal of Organic Chemistry, 2022, 87, 9426-9430.	3.2	2
6	Insights into the Mechanism and Catalysis of Peptide Thioester Synthesis by Alkylselenols Provide a New Tool for Chemical Protein Synthesis. Molecules, 2021, 26, 1386.	3.8	2
7	Chemical Protein Synthesis in Medicinal Chemistry. Journal of Medicinal Chemistry, 2020, 63, 15140-15152.	6.4	24
8	Catalysis of Hydrazone and Oxime Peptide Ligation by Arginine. Organic Letters, 2020, 22, 8608-8612.	4.6	6
9	Comment on â€œN-terminal Protein Tail Acts as Aggregation Protective Entropic Bristles: The SUMO Caseâ€• Biomacromolecules, 2020, 21, 3480-3482.	5.4	1
10	Natural T Cell Epitope Containing Methyl Lysines on Mycobacterial Heparin-Binding Hemagglutinin. Journal of Immunology, 2020, 204, 1715-1723.	0.8	8
11	Strategies and open questions in solid-phase protein chemical synthesis. Current Opinion in Chemical Biology, 2020, 58, 1-9.	6.1	20
12	The Problem of Aspartimide Formation During Protein Chemical Synthesis Using SEA-Mediated Ligation. Springer Protocols, 2020, , 13-28.	0.3	1
13	A cysteine selenosulfide redox switch for protein chemical synthesis. Nature Communications, 2020, 11, 2558.	12.8	19
14	Using the Interactive Tool of the Protein Chemical Synthesis Database. Springer Protocols, 2020, , 29-36.	0.3	0
15	SEA-Mediated Ligation Is Accelerated at Mildly Acidic pH: Application to the Formation of Difficult Peptide Junctions. Springer Protocols, 2020, , 1-12.	0.3	1
16	Fast and facile preparation of nanostructured silicon surfaces for laser desorption/ionization mass spectrometry of small compounds. Rapid Communications in Mass Spectrometry, 2019, 33, 66-74.	1.5	8
17	Total Chemical Synthesis of All SUMO-2/3 Dimer Combinations. Bioconjugate Chemistry, 2019, 30, 2967-2973.	3.6	14
18	The Role of the Conserved SUMO-2/3 Cysteine Residue on Domain Structure Investigated Using Protein Chemical Synthesis. Bioconjugate Chemistry, 2019, 30, 2684-2696.	3.6	13

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19	Native Chemical Ligation and Extended Methods: Mechanisms, Catalysis, Scope, and Limitations. Chemical Reviews, 2019, 119, 7328-7443.	47.7	367
20	Native Chemical Ligation at Serine Revisited. Organic Letters, 2018, 20, 7616-7619.	4.6	8
21	Catalysis of Thiolâ€“Thioester Exchange by Water-Soluble Alkyldiselenols Applied to the Synthesis of Peptide Thioesters and SEA-Mediated Ligation. Journal of Organic Chemistry, 2018, 83, 12584-12594.	3.2	17
22	Accelerated microfluidic native chemical ligation at difficult amino acids toward cyclic peptides. Nature Communications, 2018, 9, 2847.	12.8	35
23	Hypoxia leads to decreased autophosphorylation of the MET receptor but promotes its resistance to tyrosine kinase inhibitors. Oncotarget, 2018, 9, 27039-27058.	1.8	9
24	Characterization of peptide attachment on silicon nanowires by X-ray photoelectron spectroscopy and mass spectrometry. Analyst, The, 2017, 142, 969-978.	3.5	10
25	MoS2/TiO2/SiNW surface as an effective substrate for LDI-MS detection of glucose and glutathione in real samples. Talanta, 2017, 171, 101-107.	5.5	24
26	A statistical view of protein chemical synthesis using NCL and extended methodologies. Bioorganic and Medicinal Chemistry, 2017, 25, 4938-4945.	3.0	52
27	A simple and traceless solid phase method simplifies the assembly of large peptides and the access to challenging proteins. Chemical Science, 2017, 8, 5362-5370.	7.4	26
28	Carbon nanowalls: a new versatile graphene based interface for the laser desorption/ionization-mass spectrometry detection of small compounds in real samples. Nanoscale, 2017, 9, 9701-9715.	5.6	32
29	Kinetically Controlled Chemoselective Cyclization Simplifies the Access to Cyclic and Branched Peptides. Organic Letters, 2016, 18, 3842-3845.	4.6	8
30	A Central Cysteine Residue Is Essential for the Thermal Stability and Function of SUMO-1 Protein and SUMO-1 Peptideâ€“Protein Conjugates. Bioconjugate Chemistry, 2016, 27, 1540-1546.	3.6	25
31	Total chemical synthesis of SUMO proteins. Tetrahedron Letters, 2016, 57, 4319-4324.	1.4	16
32	Insight into the SEA amide thioester equilibrium. Application to the synthesis of thioesters at neutral pH. Organic and Biomolecular Chemistry, 2016, 14, 7211-7216.	2.8	14
33	Accelerating chemoselective peptide bond formation using bis(2-selenylethyl)amido peptide selenoester surrogates. Chemical Science, 2016, 7, 2657-2665.	7.4	45
34	Semi-synthesis of a HGF/SF kringle one (K1) domain scaffold generates a potent in vivo MET receptor agonist. Chemical Science, 2015, 6, 2110-2121.	7.4	26
35	One-pot chemical synthesis of small ubiquitin-like modifier proteinâ€“peptide conjugates using bis(2-sulfanylethyl)amido peptide latent thioester surrogates. Nature Protocols, 2015, 10, 269-292.	12.0	52
36	Synthesis of Unprotected Linear or Cyclic O-Acyl Isopeptides in Water Using Bis(2-sulfanylethyl)amido Peptide Ligation. Organic Letters, 2015, 17, 3354-3357.	4.6	20

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37	Selectively Activatable Latent Thiol and Selenolesters Simplify the Access to Cyclic or Branched Peptide Scaffolds. Organic Letters, 2015, 17, 3636-3639.	4.6	31
38	Access to Large Cyclic Peptides by a One-Pot Two-Peptide Segment Ligation/Cyclization Process. Organic Letters, 2015, 17, 130-133.	4.6	42
39	From protein total synthesis to peptide transamidation and metathesis: playing with the reversibility of N,S-acyl or N,Se-acyl migration reactions. Current Opinion in Chemical Biology, 2014, 22, 137-145.	6.1	30
40	Tidbits for the synthesis of bis(2â€sulfanylethyl)amido (SEA) polystyrene resin, SEA peptides and peptide thioesters. Journal of Peptide Science, 2014, 20, 92-97.	1.4	25
41	Solid Phase Protein Chemical Synthesis. Topics in Current Chemistry, 2014, 363, 103-154.	4.0	39
42	A novel PEG-based solid support enables the synthesis of >50 amino-acid peptide thioesters and the total synthesis of a functional SUMO-1 peptide conjugate. Chemical Science, 2014, 5, 2017-2022.	7.4	37
43	Decoration of silicon nanostructures with copper particles for simultaneous selective capture and mass spectrometry detection of His-tagged model peptide. Analyst, The, 2014, 139, 5155-5163.	3.5	9
44	Thiocarbamate-Linked Polysulfonateâ€“Peptide Conjugates As Selective Hepatocyte Growth Factor Receptor Binders. Bioconjugate Chemistry, 2014, 25, 1000-1010.	3.6	1
45	Selenopeptide Transamidation and Metathesis. Organic Letters, 2014, 16, 4032-4035.	4.6	27
46	Phenylthiocarbamate or N-Carbothiophenyl Group Chemistry in Peptide Synthesis and Bioconjugation. Bioconjugate Chemistry, 2014, 25, 629-639.	3.6	8
47	Highly efficient solid phase synthesis of large polypeptides by iterative ligations of bis(2-sulfanylethyl)amido (SEA) peptide segments. Chemical Science, 2013, 4, 4061.	7.4	55
48	Synthesis of Peptide Thioacids at Neutral pH Using Bis(2-sulfanylethyl)amido Peptide Precursors. Organic Letters, 2013, 15, 5346-5349.	4.6	18
49	Exploration of an imide capture/N,N-acyl shift sequence for asparagine native peptide bond formation. Bioorganic and Medicinal Chemistry, 2013, 21, 3479-3485.	3.0	17
50	Î±-Oxo Aldehyde or Glyoxylyl Group Chemistry in Peptide Bioconjugation. Bioconjugate Chemistry, 2013, 24, 735-765.	3.6	80
51	Se-(9-Fluorenylmethyl) Selenoesters; Preparation, Reactivity, and Use as Convenient Synthons for Selenoacids. Organic Letters, 2013, 15, 3758-3761.	4.6	10
52	Total synthesis of biotinylated N domain of human hepatocyte growth factor. Bioorganic and Medicinal Chemistry, 2013, 21, 3486-3494.	3.0	20
53	Bis(2-sulfanylethyl)amido Peptides Enable Native Chemical Ligation at Proline and Minimize Deletion Side-Product Formation. Organic Letters, 2013, 15, 5516-5519.	4.6	35
54	Inhibition of Latent Membrane Protein 1 Impairs the Growth and Tumorigenesis of Latency II Epstein-Barr Virus-Transformed T Cells. Journal of Virology, 2012, 86, 3934-3943.	3.4	10

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55	Direct Characterization of Native Chemical Ligation of Peptides on Silicon Nanowires. Langmuir, 2012, 28, 13336-13344.	3.5	10
56	Carbohydrate Microarrays in 96-Well Polystyrene Microtiter Plates. Methods in Molecular Biology, 2012, 808, 377-391.	0.9	2
57	Sequential native peptide ligation strategies for total chemical protein synthesis. Chemical Society Reviews, 2012, 41, 7001.	38.1	192
58	Diamond nanowires for highly sensitive matrix-free mass spectrometry analysis of small molecules. Nanoscale, 2012, 4, 231-238.	5.6	75
59	Affinity surface-assisted laser desorption/ionization mass spectrometry for peptide enrichment. Analyst, The, 2012, 137, 5527.	3.5	23
60	Surface-assisted laser desorptionâ€“ionization mass spectrometry on titanium dioxide (TiO2) nanotube layers. Analyst, The, 2012, 137, 3058.	3.5	41
61	Access to Cyclic or Branched Peptides Using Bis(2-sulfanylethyl)amido Side-Chain Derivatives of Asp and Glu. Organic Letters, 2012, 14, 2222-2225.	4.6	29
62	Sheddingâ€Generated Met Receptor Fragments can be Routed to Either the Proteasomal or the Lysosomal Degradation Pathway. Traffic, 2012, 13, 1261-1272.	2.7	36
63	A Oneâ€Pot Threeâ€Segment Ligation Strategy for Protein Chemical Synthesis. Angewandte Chemie - International Edition, 2012, 51, 209-213.	13.8	126
64	Polysaccharide Microarrays: Application to the Identification of Heparan Sulphate Mimetics. Methods in Molecular Biology, 2012, 808, 231-240.	0.9	2
65	Three-Component Synthesis of Neoglycopeptides Using a Cu(II)-Triggered Aminolysis of Peptide Hydrazide Resin and an Azideâ€“Alkyne Cycloaddition Sequence. Organic Letters, 2011, 13, 4336-4339.	4.6	10
66	High sensitive matrix-free mass spectrometry analysis of peptides using silicon nanowires-based digital microfluidic device. Lab on A Chip, 2011, 11, 1620.	6.0	74
67	Synthesis of Peptide Alkylthioesters Using the IntramolecularN,S-Acyl Shift Properties of Bis(2-sulfanylethyl)amido Peptides. Journal of Organic Chemistry, 2011, 76, 3194-3202.	3.2	63
68	Synthesis of Thiazolidine Thioester Peptides and Acceleration of Native Chemical Ligation. Organic Letters, 2011, 13, 1560-1563.	4.6	55
69	RYH: A minimal peptidic sequence obtained from beta-chain hemoglobin exhibiting an antimicrobial activity. Peptides, 2011, 32, 1463-1468.	2.4	32
70	Matrix-Free Laser Desorption/Ionization Mass Spectrometry on Silicon Nanowire Arrays Prepared by Chemical Etching of Crystalline Silicon. Langmuir, 2010, 26, 1354-1361.	3.5	118
71	Chemistryâ€based protein modification strategy for endocytic pathway analysis. Biology of the Cell, 2010, 102, 351-359.	2.0	4
72	Selective cleavage of an azaGly peptide bond by copper(II). Longâ€range effect of histidine residue. Journal of Peptide Science, 2010, 16, 141-147.	1.4	8

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73	NMRâ€based detection of acetylation sites in peptides. Journal of Peptide Science, 2010, 16, 414-423.	1.4	18
74	Photochemical Immobilization of Proteins and Peptides on Benzophenone-Terminated Boron-Doped Diamond Surfaces. Langmuir, 2010, 26, 1075-1080.	3.5	30
75	Synthesis of Peptideâ^'Protein Conjugates Using N-Succinimidyl Carbamate Chemistry. Bioconjugate Chemistry, 2010, 21, 219-228.	3.6	15
76	Chips from Chips: Application to the Study of Antibody Responses to Methylated Proteins. Journal of Proteome Research, 2010, 9, 6467-6478.	3.7	21
77	Bis(2-sulfanylethyl)amino Native Peptide Ligation. Organic Letters, 2010, 12, 5238-5241.	4.6	180
78	Assembly/Disassembly of Drug Conjugates Using Imide Ligation. Organic Letters, 2010, 12, 3982-3985.	4.6	21
79	In Situ Chemical Modification of Peptide Microarrays: Characterization by Desorption/Ionization on Silicon Nanowires. Methods in Molecular Biology, 2010, 669, 125-133.	0.9	2
80	In Situ Chemical Modification of Peptide Microarrays: Application to the Study of the Antibody Responses to Methylated Antigens. Methods in Molecular Biology, 2010, 669, 135-145.	0.9	1
81	The collagen assisted self-assembly of silicon nanowires. Nanotechnology, 2009, 20, 235601.	2.6	14
82	Love wave immunosensor for antibody recognition using an innovative semicarbazide surface functionalization. Sensors and Actuators B: Chemical, 2009, 140, 616-622.	7.8	12
83	PASE: A Web-Based Platform for Peptide/Protein Microarray Experiments. Methods in Molecular Biology, 2009, 570, 413-430.	0.9	8
84	In Situ Ligation between Peptides and Silica Nanoparticles for Making Peptide Microarrays on Polycarbonate. Bioconjugate Chemistry, 2009, 20, 550-557.	3.6	8
85	Silver-Catalyzed azaGly Ligation. Application to the Synthesis of Azapeptides and of Lipidâ^'Peptide Conjugates. Bioconjugate Chemistry, 2009, 20, 1397-1403.	3.6	10
86	Peptide Microarrays on Bisphenol A Polycarbonate. Methods in Molecular Biology, 2009, 570, 287-297.	0.9	3
87	Towards thrombosis-targeted zeolitenanoparticles for laser-polarized129Xe MRI. Journal of Materials Chemistry, 2009, 19, 379-386.	6.7	35
88	Surface Modifications of Love Acoustic Waves Sensors for Chemical and Biological Detection. Sensor Letters, 2009, 7, 750-756.	0.4	1
89	Thiocarbamateâ€linked peptides by chemoselective peptide ligation. Journal of Peptide Science, 2008, 14, 1244-1250.	1.4	7
90	Current based antibodies detection from human serum enhanced by secondary antibodies labelled with gold nanoparticles immobilized in a nanogap. Biosensors and Bioelectronics, 2008, 23, 1185-1188.	10.1	20

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91	Characterization of Nanogap Chemical Reactivity Using Peptide-Capped Gold Nanoparticles and Electrical Detection. Bioconjugate Chemistry, 2008, 19, 802-805.	3.6	5
92	Biomolecule and Nanoparticle Transfer on Patterned and Heterogeneously Wetted Superhydrophobic Silicon Nanowire Surfaces. Langmuir, 2008, 24, 1670-1672.	3.5	69
93	Fundamental studies in nanosciences at the Institute of Electronics, Microelectronics, and Nanotechnology (IEMN). International Journal of Nanotechnology, 2008, 5, 631.	0.2	0
94	Peptide Immobilization on Amine-Terminated Boron-Doped Diamond Surfaces. Langmuir, 2007, 23, 4494-4497.	3.5	38
95	Covalent linking of peptides onto oxygen-terminated boron-doped diamond surfaces. Diamond and Related Materials, 2007, 16, 892-898.	3.9	29
96	Chemical Micropatterning of Polycarbonate for Site-Specific Peptide Immobilization and Biomolecular Interactions. ChemBioChem, 2007, 8, 315-322.	2.6	22
97	Reaction of Isocyanate-Functionalised Silicon Wafers with Complex Amino Compounds. European Journal of Organic Chemistry, 2007, 2007, 4032-4037.	2.4	20
98	Ti-Cp functionalization by deposition of organic/inorganic silica nanoparticles. New Biotechnology, 2007, 24, 549-554.	2.7	7
99	Electrical detection of human immunoglobulins G from human serum using a microbiosensor. Biosensors and Bioelectronics, 2007, 23, 81-87.	10.1	9
100	Imaging of protein layers with an optical microscope for the characterization of peptide microarrays. Journal of Peptide Science, 2007, 13, 451-457.	1.4	14
101	Parallel Synthesis of a Lipopeptide Library by Hydrazone-Based Chemical Ligation. ACS Combinatorial Science, 2007, 9, 973-981.	3.3	11
102	Fluidics of a Nanogap. Langmuir, 2006, 22, 9784-9788.	3.5	8
103	Detecting the Chemoselective Ligation of Peptides to Silicon with the Use of Cobaltâ^'Carbonyl Labels. Langmuir, 2006, 22, 7059-7065.	3.5	23
104	Determination of glyoxylyl-peptide concentration using oxime chemistry and RP-HPLC analysis. Journal of Peptide Science, 2006, 12, 734-738.	1.4	7
105	Polysaccharide Microarrays for Polysaccharide-Platelet-Derived-Growth-Factor Interaction Studies. ChemBioChem, 2006, 7, 817-826.	2.6	18
106	Semicarbazide-Functionalized Silicate Nanoparticles for Peptide Ligation. European Journal of Inorganic Chemistry, 2006, 2006, 2766-2772.	2.0	6
107	A novel phosphoramidite for the synthesis of Î±-oxo aldehyde-modified oligodeoxynucleotides. Tetrahedron, 2005, 61, 6138-6142.	1.9	10
108	Hybrid Bioorganic-Inorganic Materials Prepared by Site-Specific Ligation of Peptides to Functionalized Polydisperse Silica Particles. European Journal of Organic Chemistry, 2005, 2005, 2473-2480.	2.4	10

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109	Synthesis of glyoxylyl peptides using an Fmoc-protected Î±,Î±â€²-diaminoacetic acid derivative. Journal of Peptide Science, 2005, 11, 424-430.	1.4	9
110	Functionalization of Biomaterials. Key Engineering Materials, 2005, 288-289, 47-50.	0.4	2
111	Fmoc Solid-Phase Synthesis of Peptide Thioesters Using an IntramolecularN,S-Acyl Shift. Organic Letters, 2005, 7, 2647-2650.	4.6	107
112	Anchorage of Synthetic Peptides onto Liposomes via Hydrazone and Î±-Oxo Hydrazone Bonds. Preliminary Functional Investigations. Bioconjugate Chemistry, 2005, 16, 450-457.	3.6	39
113	Semicarbazide-Functionalized Si(111) Surfaces for the Site-Specific Immobilization of Peptides. Langmuir, 2005, 21, 1489-1496.	3.5	54
114	Combined nanogap nanoparticles nanosensor for electrical detection of biomolecular interactions between polypeptides. Applied Physics Letters, 2004, 84, 1213-1215.	3.3	44
115	Design, synthesis and antimalarial activity of a glyoxylylhydrazone library. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4439-4443.	2.2	11
116	Design, Synthesis and Antimalarial Activity of a Glyoxylylhydrazone Library.. ChemInform, 2004, 35, no.	0.0	0
117	A novel Î±,Î± â€² -diaminoacetic acid derivative for the introduction of the Î±-oxo aldehyde functionality into peptides. Tetrahedron Letters, 2004, 45, 1271-1273.	1.4	11
118	Solid phase synthesis of mandelic acid-derived thioethers by Î±-keto carbocation trapping. Tetrahedron Letters, 2004, 45, 1381-1383.	1.4	3
119	Synthesis of glyoxylyl peptides using a phosphine labile Î±,Î±â€²-diaminoacetic acid derivative. Tetrahedron Letters, 2004, 45, 7163-7165.	1.4	16
120	Polypeptide Semicarbazide Glass Slide Microarrays: Characterization and Comparison with Amine Slides in Serodetection Studies. Bioconjugate Chemistry, 2004, 15, 317-325.	3.6	38
121	Peptideâ^'Protein Microarrays for the Simultaneous Detection of Pathogen Infections. Bioconjugate Chemistry, 2004, 15, 307-316.	3.6	88
122	Preparation of Î±â€Oxo Semicarbazone Oligonucleotide Microarrays. Current Protocols in Nucleic Acid Chemistry, 2004, 19, Unit 12.6.	0.5	2
123	Synthesis and Chemical Reactivity ofÎ±-Oxo Aldehyde-Supported Silicas. European Journal of Organic Chemistry, 2003, 2003, 4132-4139.	2.4	5
124	Comments on â€œMethyl phenylacetate enolate generated with the P4-tBu Schwesinger base: â€˜nakedâ€™ or not?â€• Tetrahedron Letters, 2003, 44, 2243.	1.4	5
125	Synthesis and chemical reactivity of semicarbazide-supported silicas. Tetrahedron Letters, 2003, 44, 4191-4194.	1.4	4
126	COCHO-modified oxides nanoparticles by using phosphonic acid as grafting agent. Tetrahedron Letters, 2003, 44, 5617-5619.	1.4	9

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127	Î±-Oxo Semicarbazone Peptide or Oligodeoxynucleotide Microarrays. Bioconjugate Chemistry, 2003, 14, 430-439.	3.6	48
128	Solid-Phase Functionalization of Peptides by an Î±-Hydrazinoacetyl Group. Journal of Organic Chemistry, 2003, 68, 7033-7040.	3.2	31
129	Simultaneous Lipidation of a Characterized Peptide Mixture by Chemoselective Ligation. Bioconjugate Chemistry, 2003, 14, 494-499.	3.6	25
130	Solid-Phase Enolate Chemistry Investigated Using HR-MAS NMR Spectroscopy. Journal of Organic Chemistry, 2002, 67, 526-532.	3.2	17
131	Peptide Arrays for Highly Sensitive and Specific Antibody-Binding Fluorescence Assays. Bioconjugate Chemistry, 2002, 13, 713-720.	3.6	83
132	Grafting of synthetic mannose receptor-ligands onto onion vectors for human dendritic cells targetingElectronic supplementary information (ESI) available: full experimental details. See http://www.rsc.org/suppdata/cc/b2/b206980f/. Chemical Communications, 2002, , 2446-2447.	4.1	23
133	Synthesis and mannose receptor-Mediated uptake of clustered glycomimetics by human dendritic cells: effect of charge. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2723-2727.	2.2	15
134	Synthesis of oligonucleotideâ€“peptide conjugates using hydrazone chemical ligation. Tetrahedron Letters, 2002, 43, 997-999.	1.4	33
135	Combined Thioether/Hydrazone Chemoselective Ligation Reactions for the Synthesis of Glycoclusterâ˜Antigen Peptide Conjugates. Bioconjugate Chemistry, 2002, 13, 887-892.	3.6	15
136	A new tartaric acid-based linker for the synthesis of C-terminal peptide Î±-oxo-aldehydes. , 2002, , 104-106.		0
137	Chemoselective Acylation of Fully Deprotected Hydrazino Acetyl Peptides. Application to the Synthesis of Lipopeptides. Journal of Organic Chemistry, 2001, 66, 443-449.	3.2	30
138	Tartric Acid-Based Linker for the Solid-Phase Synthesis of C-Terminal Peptide Î±-Oxo Aldehydes. Journal of Organic Chemistry, 2001, 66, 4153-4160.	3.2	44
139	Synthesis by Chemoselective Ligation and Biological Evaluation of Novel Cell-Permeable PKC-Î¶ Pseudosubstrate Lipopeptides. Journal of Medicinal Chemistry, 2001, 44, 468-471.	6.4	14
140	C-terminal glyoxylyl peptides for sensitive enzyme-linked immunosorbent assays. International Journal of Peptide Research and Therapeutics, 2001, 8, 253-258.	0.1	0
141	A novel family of amphilic Î±-oxo aldehydes for the site-specific modification of peptides by two palmitoyl groups in solution or in liposome suspensions. Tetrahedron Letters, 2001, 42, 6851-6853.	1.4	11
142	Corrigendum to â€œA novel family of amphiphilic Î±-oxo aldehydes for the site-specific modification of peptides by two palmitoyl groups in solution or in liposome suspensionsâ€• Tetrahedron Letters, 2001, 42, 8255.	1.4	0
143	Methyl phenylacetate enolate generated with the P4-tBu Schwesinger base: â€˜nakedâ€™ or not?. Tetrahedron Letters, 2001, 42, 9153-9155.	1.4	19
144	Synthesis of an amphiphilic aldehyde using as a key step the condensation of a lipophilic glyoxylic acid amide derivative with tris(hydroxymethyl)aminomethane. Tetrahedron Letters, 2001, 42, 1875-1877.	1.4	10

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145	Novel Hyperbranched Glycomimetics Recognized by the Human Mannose Receptor: Quinic or Shikimic Acid Derivatives as Mannose Bioisosteres. ChemBioChem, 2001, 2, 747.	2.6	31
146	Synthesis of Clustered Glycoside-Antigen Conjugates by Two One-Pot, Orthogonal, Chemoselective Ligation Reactions: Scope and Limitations. Chemistry - A European Journal, 2001, 7, 230-239.	3.3	36
147	C-terminal glyoxylyl peptides for sensitive enzyme-linked immunosorbent assays. International Journal of Peptide Research and Therapeutics, 2001, 8, 253-258.	0.1	2
148	One-Pot Synthesis of Antigen-Bearing, Lysine-Based Cluster Mannosides Using Two Orthogonal Chemoselective Ligation Reactions. Angewandte Chemie - International Edition, 2000, 39, 1068-1072.	13.8	54
149	Functionalization of peptides and proteins by aldehyde or keto groups. Biopolymers, 2000, 55, 165-186.	2.4	54
150	The deprotection of Lys(Mtt) revisited. Journal of Peptide Science, 2000, 6, 264-270.	1.4	17
151	A novel lipophilic glyoxylic acid derivative for the lipidation of peptides using salt-free hydrazone ligation. Tetrahedron Letters, 2000, 41, 10003-10007.	1.4	14
152	Chemoselective acylation of hydrazinopeptides: a novel and mild method for the derivatization of peptides with sensitive fatty acids. Tetrahedron Letters, 2000, 41, 45-48.	1.4	19
153	Structural diversity of human class II histocompatibility molecules induced by peptide ligands. FEBS Letters, 2000, 481, 249-254.	2.8	4
154	The deprotection of Lys(Mtt) revisited. Journal of Peptide Science, 2000, 6, 264.	1.4	45
155	Chemistry of hydrazinopeptides: a new hydroperoxydeamination process. Tetrahedron Letters, 1999, 40, 1491-1494.	1.4	5
156	A new linker for the synthesis of C-terminal peptide Î±-oxo-aldehydes. Tetrahedron Letters, 1999, 40, 6225-6228.	1.4	39
157	A novel and mild solid phase hydroperoxydeamination reaction. Tetrahedron Letters, 1999, 40, 7315-7318.	1.4	12
158	Convergent synthesis of fluorescein-labelled lysine-based cluster glycosides. Tetrahedron Letters, 1999, 40, 7235-7238.	1.4	34
159	Synthesis of hydrazinopeptides using solid-phase N -electrophilic amination: extension to the Fmoc/tert -butyl strategy and chemistry of the N-N bond in strong acid media. Chemical Biology and Drug Design, 1999, 54, 270-278.	1.1	17
160	Reactivity of Lys(NH2)-containing peptides toward endopeptidases. , 1999, 5, 352-359.		5
161	Convergent synthesis of D-(â˜)-quinic and shikimic acid-containing dendrimers as potential C-lectin ligands by sulfide ligation of unprotected fragments. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2967-2975.	0.9	11
162	Synthesis, folding, and structure of the Î²â€turn mimic modified B1 domain of streptococcal protein G. Protein Science, 1999, 8, 2773-2783.	7.6	23

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163	Synthesis and Structural and Functional Evaluation of a Protein Modified with a Î²-Turn Mimic. Journal of the American Chemical Society, 1998, 120, 6076-6083.	13.7	17
164	Synthesis of lipopeptides using hydrazone chemical ligation. Chemical Biology and Drug Design, 1998, 52, 180-184.	1.1	22
165	Synthesis of hydrazinopeptides using solid phase N-amination. Application to chemical ligation. Tetrahedron Letters, 1996, 37, 7259-7262.	1.4	23
166	One-pot synthesis of dissymmetrical 4,6-disubstituted dibenzofurans. Tetrahedron Letters, 1995, 36, 7657-7660.	1.4	14
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