

Oleg Melnyk

List of Publications by Year in descending order

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170
papers

4,493
citations

109137

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143772

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202
all docs

202
docs citations

202
times ranked

3502
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.	1.7	11
2	Frontispiece: Pedal to the Metal: The Homogeneous Catalysis of the Native Chemical Ligation Reaction. Chemistry - A European Journal, 2022, 28, .	1.7	0
3	Fast Protein Modification in the Nanomolar Concentration Range Using an Oxalyl Amide as Latent Thioester. Angewandte Chemie - International Edition, 2022, , .	7.2	4
4	A Selenium-based Cysteine Surrogate for Protein Chemical Synthesis. Methods in Molecular Biology, 2022, , 213-239.	0.4	1
5	Thiol Catalysis of Selenosulfide Bond Cleavage by a Triarylphosphine. Journal of Organic Chemistry, 2022, 87, 9426-9430.	1.7	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.	1.7	2
7	Chemical Protein Synthesis in Medicinal Chemistry. Journal of Medicinal Chemistry, 2020, 63, 15140-15152.	2.9	24
8	Catalysis of Hydrazone and Oxime Peptide Ligation by Arginine. Organic Letters, 2020, 22, 8608-8612.	2.4	6
9	Comment on "N-terminal Protein Tail Acts as Aggregation Protective Entropic Bristles: The SUMO Case". Biomacromolecules, 2020, 21, 3480-3482.	2.6	1
10	Natural T Cell Epitope Containing Methyl Lysines on Mycobacterial Heparin-Binding Hemagglutinin. Journal of Immunology, 2020, 204, 1715-1723.	0.4	8
11	Strategies and open questions in solid-phase protein chemical synthesis. Current Opinion in Chemical Biology, 2020, 58, 1-9.	2.8	20
12	The Problem of Aspartimide Formation During Protein Chemical Synthesis Using SEA-Mediated Ligation. Springer Protocols, 2020, , 13-28.	0.1	1
13	A cysteine selenosulfide redox switch for protein chemical synthesis. Nature Communications, 2020, 11, 2558.	5.8	19
14	Using the Interactive Tool of the Protein Chemical Synthesis Database. Springer Protocols, 2020, , 29-36.	0.1	0
15	SEA-Mediated Ligation Is Accelerated at Mildly Acidic pH: Application to the Formation of Difficult Peptide Junctions. Springer Protocols, 2020, , 1-12.	0.1	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.	0.7	8
17	Total Chemical Synthesis of All SUMO-2/3 Dimer Combinations. Bioconjugate Chemistry, 2019, 30, 2967-2973.	1.8	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.	1.8	13

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19	Native Chemical Ligation and Extended Methods: Mechanisms, Catalysis, Scope, and Limitations. <i>Chemical Reviews</i> , 2019, 119, 7328-7443.	23.0	367
20	Native Chemical Ligation at Serine Revisited. <i>Organic Letters</i> , 2018, 20, 7616-7619.	2.4	8
21	Catalysis of Thiolâ€“Thioester Exchange by Water-Soluble Alkyldiselenols Applied to the Synthesis of Peptide Thioesters and SEA-Mediated Ligation. <i>Journal of Organic Chemistry</i> , 2018, 83, 12584-12594.	1.7	17
22	Accelerated microfluidic native chemical ligation at difficult amino acids toward cyclic peptides. <i>Nature Communications</i> , 2018, 9, 2847.	5.8	35
23	Hypoxia leads to decreased autophosphorylation of the MET receptor but promotes its resistance to tyrosine kinase inhibitors. <i>Oncotarget</i> , 2018, 9, 27039-27058.	0.8	9
24	Characterization of peptide attachment on silicon nanowires by X-ray photoelectron spectroscopy and mass spectrometry. <i>Analyst</i> , 2017, 142, 969-978.	1.7	10
25	MoS ₂ /TiO ₂ /SiNW surface as an effective substrate for LDI-MS detection of glucose and glutathione in real samples. <i>Talanta</i> , 2017, 171, 101-107.	2.9	24
26	A statistical view of protein chemical synthesis using NCL and extended methodologies. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4938-4945.	1.4	52
27	A simple and traceless solid phase method simplifies the assembly of large peptides and the access to challenging proteins. <i>Chemical Science</i> , 2017, 8, 5362-5370.	3.7	26
28	Carbon nanowalls: a new versatile graphene based interface for the laser desorption/ionization-mass spectrometry detection of small compounds in real samples. <i>Nanoscale</i> , 2017, 9, 9701-9715.	2.8	32
29	Kinetically Controlled Chemoselective Cyclization Simplifies the Access to Cyclic and Branched Peptides. <i>Organic Letters</i> , 2016, 18, 3842-3845.	2.4	8
30	A Central Cysteine Residue Is Essential for the Thermal Stability and Function of SUMO-1 Protein and SUMO-1 Peptideâ€“Protein Conjugates. <i>Bioconjugate Chemistry</i> , 2016, 27, 1540-1546.	1.8	25
31	Total chemical synthesis of SUMO proteins. <i>Tetrahedron Letters</i> , 2016, 57, 4319-4324.	0.7	16
32	Insight into the SEA amide thioester equilibrium. Application to the synthesis of thioesters at neutral pH. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7211-7216.	1.5	14
33	Accelerating chemoselective peptide bond formation using bis(2-selenylethyl)amido peptide selenoester surrogates. <i>Chemical Science</i> , 2016, 7, 2657-2665.	3.7	45
34	Semi-synthesis of a HGF/SF kringle one (K1) domain scaffold generates a potent in vivo MET receptor agonist. <i>Chemical Science</i> , 2015, 6, 2110-2121.	3.7	26
35	One-pot chemical synthesis of small ubiquitin-like modifier proteinâ€“peptide conjugates using bis(2-sulfanylethyl)amido peptide latent thioester surrogates. <i>Nature Protocols</i> , 2015, 10, 269-292.	5.5	52
36	Synthesis of Unprotected Linear or Cyclic <i>α</i> -Acyl Isopeptides in Water Using Bis(2-sulfanylethyl)amido Peptide Ligation. <i>Organic Letters</i> , 2015, 17, 3354-3357.	2.4	20

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37	Selectively Activatable Latent Thiol and Selenoesters Simplify the Access to Cyclic or Branched Peptide Scaffolds. <i>Organic Letters</i> , 2015, 17, 3636-3639.	2.4	31
38	Access to Large Cyclic Peptides by a One-Pot Two-Peptide Segment Ligation/Cyclization Process. <i>Organic Letters</i> , 2015, 17, 130-133.	2.4	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. <i>Current Opinion in Chemical Biology</i> , 2014, 22, 137-145.	2.8	30
40	Tidbits for the synthesis of <i>bis</i> (2-(sulfanylethyl)amido (SEA) polystyrene resin, SEA peptides and peptide thioesters. <i>Journal of Peptide Science</i> , 2014, 20, 92-97.	0.8	25
41	Solid Phase Protein Chemical Synthesis. <i>Topics in Current Chemistry</i> , 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. <i>Chemical Science</i> , 2014, 5, 2017-2022.	3.7	37
43	Decoration of silicon nanostructures with copper particles for simultaneous selective capture and mass spectrometry detection of His-tagged model peptide. <i>Analyst</i> , 2014, 139, 5155-5163.	1.7	9
44	Thiocarbamate-Linked Polysulfonate Peptide Conjugates As Selective Hepatocyte Growth Factor Receptor Binders. <i>Bioconjugate Chemistry</i> , 2014, 25, 1000-1010.	1.8	1
45	Selenopeptide Transamidation and Metathesis. <i>Organic Letters</i> , 2014, 16, 4032-4035.	2.4	27
46	Phenylthiocarbamate or <i>N</i> -Carbothiophenyl Group Chemistry in Peptide Synthesis and Bioconjugation. <i>Bioconjugate Chemistry</i> , 2014, 25, 629-639.	1.8	8
47	Highly efficient solid phase synthesis of large polypeptides by iterative ligations of <i>bis</i> (2-sulfanylethyl)amido (SEA) peptide segments. <i>Chemical Science</i> , 2013, 4, 4061.	3.7	55
48	Synthesis of Peptide Thioacids at Neutral pH Using <i>Bis</i> (2-sulfanylethyl)amido Peptide Precursors. <i>Organic Letters</i> , 2013, 15, 5346-5349.	2.4	18
49	Exploration of an imide capture/N,N-acyl shift sequence for asparagine native peptide bond formation. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3479-3485.	1.4	17
50	$\hat{\pm}$ -Oxo Aldehyde or Glyoxylyl Group Chemistry in Peptide Bioconjugation. <i>Bioconjugate Chemistry</i> , 2013, 24, 735-765.	1.8	80
51	<i>Se</i> -(9-Fluorenylmethyl) Selenoesters; Preparation, Reactivity, and Use as Convenient Synthons for Selenoacids. <i>Organic Letters</i> , 2013, 15, 3758-3761.	2.4	10
52	Total synthesis of biotinylated N domain of human hepatocyte growth factor. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3486-3494.	1.4	20
53	<i>Bis</i> (2-sulfanylethyl)amido Peptides Enable Native Chemical Ligation at Proline and Minimize Deletion Side-Product Formation. <i>Organic Letters</i> , 2013, 15, 5516-5519.	2.4	35
54	Inhibition of Latent Membrane Protein 1 Impairs the Growth and Tumorigenesis of Latency II Epstein-Barr Virus-Transformed T Cells. <i>Journal of Virology</i> , 2012, 86, 3934-3943.	1.5	10

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55	Direct Characterization of Native Chemical Ligation of Peptides on Silicon Nanowires. <i>Langmuir</i> , 2012, 28, 13336-13344.	1.6	10
56	Carbohydrate Microarrays in 96-Well Polystyrene Microtiter Plates. <i>Methods in Molecular Biology</i> , 2012, 808, 377-391.	0.4	2
57	Sequential native peptide ligation strategies for total chemical protein synthesis. <i>Chemical Society Reviews</i> , 2012, 41, 7001.	18.7	192
58	Diamond nanowires for highly sensitive matrix-free mass spectrometry analysis of small molecules. <i>Nanoscale</i> , 2012, 4, 231-238.	2.8	75
59	Affinity surface-assisted laser desorption/ionization mass spectrometry for peptide enrichment. <i>Analyst</i> , 2012, 137, 5527.	1.7	23
60	Surface-assisted laser desorption/ionization mass spectrometry on titanium dioxide (TiO ₂) nanotube layers. <i>Analyst</i> , 2012, 137, 3058.	1.7	41
61	Access to Cyclic or Branched Peptides Using Bis(2-sulfanylethyl)amido Side-Chain Derivatives of Asp and Glu. <i>Organic Letters</i> , 2012, 14, 2222-2225.	2.4	29
62	Shedding-generated Met Receptor Fragments can be Routed to Either the Proteasomal or the Lysosomal Degradation Pathway. <i>Traffic</i> , 2012, 13, 1261-1272.	1.3	36
63	A One-pot Three-segment Ligation Strategy for Protein Chemical Synthesis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 209-213.	7.2	126
64	Polysaccharide Microarrays: Application to the Identification of Heparan Sulphate Mimetics. <i>Methods in Molecular Biology</i> , 2012, 808, 231-240.	0.4	2
65	Three-Component Synthesis of Neoglycopeptides Using a Cu(II)-Triggered Aminolysis of Peptide Hydrazide Resin and an Azide-Alkyne Cycloaddition Sequence. <i>Organic Letters</i> , 2011, 13, 4336-4339.	2.4	10
66	High sensitive matrix-free mass spectrometry analysis of peptides using silicon nanowires-based digital microfluidic device. <i>Lab on A Chip</i> , 2011, 11, 1620.	3.1	74
67	Synthesis of Peptide Alkylthioesters Using the Intramolecular N,S-Acyl Shift Properties of Bis(2-sulfanylethyl)amido Peptides. <i>Journal of Organic Chemistry</i> , 2011, 76, 3194-3202.	1.7	63
68	Synthesis of Thiazolidine Thioester Peptides and Acceleration of Native Chemical Ligation. <i>Organic Letters</i> , 2011, 13, 1560-1563.	2.4	55
69	RYH: A minimal peptidic sequence obtained from beta-chain hemoglobin exhibiting an antimicrobial activity. <i>Peptides</i> , 2011, 32, 1463-1468.	1.2	32
70	Matrix-Free Laser Desorption/Ionization Mass Spectrometry on Silicon Nanowire Arrays Prepared by Chemical Etching of Crystalline Silicon. <i>Langmuir</i> , 2010, 26, 1354-1361.	1.6	118
71	Chemistry-based protein modification strategy for endocytic pathway analysis. <i>Biology of the Cell</i> , 2010, 102, 351-359.	0.7	4
72	Selective cleavage of an azagly peptide bond by copper(II). Long-range effect of histidine residue. <i>Journal of Peptide Science</i> , 2010, 16, 141-147.	0.8	8

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73	NMR-based detection of acetylation sites in peptides. <i>Journal of Peptide Science</i> , 2010, 16, 414-423.	0.8	18
74	Photochemical Immobilization of Proteins and Peptides on Benzophenone-Terminated Boron-Doped Diamond Surfaces. <i>Langmuir</i> , 2010, 26, 1075-1080.	1.6	30
75	Synthesis of Peptide-Protein Conjugates Using N-Succinimidyl Carbamate Chemistry. <i>Bioconjugate Chemistry</i> , 2010, 21, 219-228.	1.8	15
76	Chips from Chips: Application to the Study of Antibody Responses to Methylated Proteins. <i>Journal of Proteome Research</i> , 2010, 9, 6467-6478.	1.8	21
77	Bis(2-sulfanylethyl)amino Native Peptide Ligation. <i>Organic Letters</i> , 2010, 12, 5238-5241.	2.4	180
78	Assembly/Disassembly of Drug Conjugates Using Imide Ligation. <i>Organic Letters</i> , 2010, 12, 3982-3985.	2.4	21
79	In Situ Chemical Modification of Peptide Microarrays: Characterization by Desorption/Ionization on Silicon Nanowires. <i>Methods in Molecular Biology</i> , 2010, 669, 125-133.	0.4	2
80	In Situ Chemical Modification of Peptide Microarrays: Application to the Study of the Antibody Responses to Methylated Antigens. <i>Methods in Molecular Biology</i> , 2010, 669, 135-145.	0.4	1
81	The collagen assisted self-assembly of silicon nanowires. <i>Nanotechnology</i> , 2009, 20, 235601.	1.3	14
82	Love wave immunosensor for antibody recognition using an innovative semicarbazide surface functionalization. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 616-622.	4.0	12
83	PASE: A Web-Based Platform for Peptide/Protein Microarray Experiments. <i>Methods in Molecular Biology</i> , 2009, 570, 413-430.	0.4	8
84	In Situ Ligation between Peptides and Silica Nanoparticles for Making Peptide Microarrays on Polycarbonate. <i>Bioconjugate Chemistry</i> , 2009, 20, 550-557.	1.8	8
85	Silver-Catalyzed azaGly Ligation. Application to the Synthesis of Azapeptides and of Lipid-Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 2009, 20, 1397-1403.	1.8	10
86	Peptide Microarrays on Bisphenol A Polycarbonate. <i>Methods in Molecular Biology</i> , 2009, 570, 287-297.	0.4	3
87	Towards thrombosis-targeted zeolite nanoparticles for laser-polarized ¹²⁹ Xe MRI. <i>Journal of Materials Chemistry</i> , 2009, 19, 379-386.	6.7	35
88	Surface Modifications of Love Acoustic Waves Sensors for Chemical and Biological Detection. <i>Sensor Letters</i> , 2009, 7, 750-756.	0.4	1
89	Thiocarbamate-linked peptides by chemoselective peptide ligation. <i>Journal of Peptide Science</i> , 2008, 14, 1244-1250.	0.8	7
90	Current based antibodies detection from human serum enhanced by secondary antibodies labelled with gold nanoparticles immobilized in a nanogap. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1185-1188.	5.3	20

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91	Characterization of Nanogap Chemical Reactivity Using Peptide-Capped Gold Nanoparticles and Electrical Detection. <i>Bioconjugate Chemistry</i> , 2008, 19, 802-805.	1.8	5
92	Biomolecule and Nanoparticle Transfer on Patterned and Heterogeneously Wetted Superhydrophobic Silicon Nanowire Surfaces. <i>Langmuir</i> , 2008, 24, 1670-1672.	1.6	69
93	Fundamental studies in nanosciences at the Institute of Electronics, Microelectronics, and Nanotechnology (IEMN). <i>International Journal of Nanotechnology</i> , 2008, 5, 631.	0.1	0
94	Peptide Immobilization on Amine-Terminated Boron-Doped Diamond Surfaces. <i>Langmuir</i> , 2007, 23, 4494-4497.	1.6	38
95	Covalent linking of peptides onto oxygen-terminated boron-doped diamond surfaces. <i>Diamond and Related Materials</i> , 2007, 16, 892-898.	1.8	29
96	Chemical Micropatterning of Polycarbonate for Site-Specific Peptide Immobilization and Biomolecular Interactions. <i>ChemBioChem</i> , 2007, 8, 315-322.	1.3	22
97	Reaction of Isocyanate-Functionalised Silicon Wafers with Complex Amino Compounds. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4032-4037.	1.2	20
98	Ti-Cp functionalization by deposition of organic/inorganic silica nanoparticles. <i>New Biotechnology</i> , 2007, 24, 549-554.	2.7	7
99	Electrical detection of human immunoglobulins G from human serum using a microbiosensor. <i>Biosensors and Bioelectronics</i> , 2007, 23, 81-87.	5.3	9
100	Imaging of protein layers with an optical microscope for the characterization of peptide microarrays. <i>Journal of Peptide Science</i> , 2007, 13, 451-457.	0.8	14
101	Parallel Synthesis of a Lipopeptide Library by Hydrazone-Based Chemical Ligation. <i>ACS Combinatorial Science</i> , 2007, 9, 973-981.	3.3	11
102	Fluidics of a Nanogap. <i>Langmuir</i> , 2006, 22, 9784-9788.	1.6	8
103	Detecting the Chemoselective Ligation of Peptides to Silicon with the Use of Cobalt ^{II} Carbonyl Labels. <i>Langmuir</i> , 2006, 22, 7059-7065.	1.6	23
104	Determination of glyoxylyl-peptide concentration using oxime chemistry and RP-HPLC analysis. <i>Journal of Peptide Science</i> , 2006, 12, 734-738.	0.8	7
105	Polysaccharide Microarrays for Polysaccharide-Platelet-Derived-Growth-Factor Interaction Studies. <i>ChemBioChem</i> , 2006, 7, 817-826.	1.3	18
106	Semicarbazide-Functionalized Silicate Nanoparticles for Peptide Ligation. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2766-2772.	1.0	6
107	A novel phosphoramidite for the synthesis of $\hat{\pm}$ -oxo aldehyde-modified oligodeoxynucleotides. <i>Tetrahedron</i> , 2005, 61, 6138-6142.	1.0	10
108	Hybrid Bioorganic-Inorganic Materials Prepared by Site-Specific Ligation of Peptides to Functionalized Polydisperse Silica Particles. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2473-2480.	1.2	10

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109	Synthesis of glyoxylyl peptides using an Fmoc-protected α,ω -diaminoacetic acid derivative. <i>Journal of Peptide Science</i> , 2005, 11, 424-430.	0.8	9
110	Functionalization of Biomaterials. <i>Key Engineering Materials</i> , 2005, 288-289, 47-50.	0.4	2
111	Fmoc Solid-Phase Synthesis of Peptide Thioesters Using an Intramolecular N,S-Acyl Shift. <i>Organic Letters</i> , 2005, 7, 2647-2650.	2.4	107
112	Anchorage of Synthetic Peptides onto Liposomes via Hydrazone and α -Oxo Hydrazone Bonds. Preliminary Functional Investigations. <i>Bioconjugate Chemistry</i> , 2005, 16, 450-457.	1.8	39
113	Semicarbazide-Functionalized Si(111) Surfaces for the Site-Specific Immobilization of Peptides. <i>Langmuir</i> , 2005, 21, 1489-1496.	1.6	54
114	Combined nanogap nanoparticles nanosensor for electrical detection of biomolecular interactions between polypeptides. <i>Applied Physics Letters</i> , 2004, 84, 1213-1215.	1.5	44
115	Design, synthesis and antimalarial activity of a glyoxylylhydrazone library. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4439-4443.	1.0	11
116	Design, Synthesis and Antimalarial Activity of a Glyoxylylhydrazone Library.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
117	A novel α,ω -diaminoacetic acid derivative for the introduction of the α -oxo aldehyde functionality into peptides. <i>Tetrahedron Letters</i> , 2004, 45, 1271-1273.	0.7	11
118	Solid phase synthesis of mandelic acid-derived thioethers by α -keto carbocation trapping. <i>Tetrahedron Letters</i> , 2004, 45, 1381-1383.	0.7	3
119	Synthesis of glyoxylyl peptides using a phosphine labile α,ω -diaminoacetic acid derivative. <i>Tetrahedron Letters</i> , 2004, 45, 7163-7165.	0.7	16
120	Polypeptide Semicarbazide Glass Slide Microarrays: Characterization and Comparison with Amine Slides in Serodetection Studies. <i>Bioconjugate Chemistry</i> , 2004, 15, 317-325.	1.8	38
121	Peptide-Protein Microarrays for the Simultaneous Detection of Pathogen Infections. <i>Bioconjugate Chemistry</i> , 2004, 15, 307-316.	1.8	88
122	Preparation of α -Oxo Semicarbazone Oligonucleotide Microarrays. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2004, 19, Unit 12.6.	0.5	2
123	Synthesis and Chemical Reactivity of α -Oxo Aldehyde-Supported Silicas. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4132-4139.	1.2	5
124	Comments on α -Methyl phenylacetate enolate generated with the P4-tBu Schwesinger base: α -naked™ or not? <i>Tetrahedron Letters</i> , 2003, 44, 2243.	0.7	5
125	Synthesis and chemical reactivity of semicarbazide-supported silicas. <i>Tetrahedron Letters</i> , 2003, 44, 4191-4194.	0.7	4
126	COCHO-modified oxides nanoparticles by using phosphonic acid as grafting agent. <i>Tetrahedron Letters</i> , 2003, 44, 5617-5619.	0.7	9

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127	$\hat{\text{I}}\pm$ -Oxo Semicarbazone Peptide or Oligodeoxynucleotide Microarrays. <i>Bioconjugate Chemistry</i> , 2003, 14, 430-439.	1.8	48
128	Solid-Phase Functionalization of Peptides by an $\hat{\text{I}}\pm$ -Hydrazinoacetyl Group. <i>Journal of Organic Chemistry</i> , 2003, 68, 7033-7040.	1.7	31
129	Simultaneous Lipidation of a Characterized Peptide Mixture by Chemoselective Ligation. <i>Bioconjugate Chemistry</i> , 2003, 14, 494-499.	1.8	25
130	Solid-Phase Enolate Chemistry Investigated Using HR-MAS NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2002, 67, 526-532.	1.7	17
131	Peptide Arrays for Highly Sensitive and Specific Antibody-Binding Fluorescence Assays. <i>Bioconjugate Chemistry</i> , 2002, 13, 713-720.	1.8	83
132	Grafting of synthetic mannose receptor-ligands onto onion vectors for human dendritic cells targeting Electronic supplementary information (ESI) available: full experimental details. See http://www.rsc.org/suppdata/cc/b2/b206980f/ . <i>Chemical Communications</i> , 2002, , 2446-2447.	2.2	23
133	Synthesis and mannose receptor-Mediated uptake of clustered glycomimetics by human dendritic cells: effect of charge. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2723-2727.	1.0	15
134	Synthesis of oligonucleotide-peptide conjugates using hydrazone chemical ligation. <i>Tetrahedron Letters</i> , 2002, 43, 997-999.	0.7	33
135	Combined Thioether/Hydrazone Chemoselective Ligation Reactions for the Synthesis of Glycoclustered Antigen Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 2002, 13, 887-892.	1.8	15
136	A new tartaric acid-based linker for the synthesis of C-terminal peptide $\hat{\text{I}}\pm$ -oxo-aldehydes. , 2002, , 104-106.		0
137	Chemoselective Acylation of Fully Deprotected Hydrazino Acetyl Peptides. Application to the Synthesis of Lipopeptides. <i>Journal of Organic Chemistry</i> , 2001, 66, 443-449.	1.7	30
138	Tartaric Acid-Based Linker for the Solid-Phase Synthesis of C-Terminal Peptide $\hat{\text{I}}\pm$ -Oxo Aldehydes. <i>Journal of Organic Chemistry</i> , 2001, 66, 4153-4160.	1.7	44
139	Synthesis by Chemoselective Ligation and Biological Evaluation of Novel Cell-Permeable PKC- $\hat{\text{I}}\eta$ Pseudosubstrate Lipopeptides. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 468-471.	2.9	14
140	C-terminal glyoxylyl peptides for sensitive enzyme-linked immunosorbent assays. <i>International Journal of Peptide Research and Therapeutics</i> , 2001, 8, 253-258.	0.1	0
141	A novel family of amphiphilic $\hat{\text{I}}\pm$ -oxo aldehydes for the site-specific modification of peptides by two palmitoyl groups in solution or in liposome suspensions. <i>Tetrahedron Letters</i> , 2001, 42, 6851-6853.	0.7	11
142	Corrigendum to "A novel family of amphiphilic $\hat{\text{I}}\pm$ -oxo aldehydes for the site-specific modification of peptides by two palmitoyl groups in solution or in liposome suspensions" <i>Tetrahedron Letters</i> , 2001, 42, 8255.	0.7	0
143	Methyl phenylacetate enolate generated with the P4-tBu Schwesinger base: "naked" or not?. <i>Tetrahedron Letters</i> , 2001, 42, 9153-9155.	0.7	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. <i>Tetrahedron Letters</i> , 2001, 42, 1875-1877.	0.7	10

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145	Novel Hyperbranched Glycomimetics Recognized by the Human Mannose Receptor: Quinic or Shikimic Acid Derivatives as Mannose Bioisosteres. <i>ChemBioChem</i> , 2001, 2, 747.	1.3	31
146	Synthesis of Clustered Glycoside-Antigen Conjugates by Two One-Pot, Orthogonal, Chemoselective Ligation Reactions: Scope and Limitations. <i>Chemistry - A European Journal</i> , 2001, 7, 230-239.	1.7	36
147	C-terminal glyoxylyl peptides for sensitive enzyme-linked immunosorbent assays. <i>International Journal of Peptide Research and Therapeutics</i> , 2001, 8, 253-258.	0.1	2
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