

Mario Chelli

List of Publications by Year in descending order

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64
papers

1,297
citations

361296

20
h-index

360920

35
g-index

67
all docs

67
docs citations

67
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Triazinylammonium Tetrafluoroborates. A New Generation of Efficient Coupling Reagents Useful for Peptide Synthesis. <i>Journal of the American Chemical Society</i> , 2005, 127, 16912-16920.	6.6	142
2	Di-(2-Ethylhexyl) Phthalate and Autism Spectrum Disorders. <i>ASN Neuro</i> , 2012, 4, AN20120015.	1.5	127
3	An N-glycosylated peptide detecting disease-specific autoantibodies, biomarkers of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10273-10278.	3.3	111
4	On-resin head-to-tail cyclization of cyclotetrapeptides: optimization of crucial parameters. <i>Journal of Peptide Science</i> , 2004, 10, 218-228.	0.8	61
5	Modeling of copper(II) sites in proteins based on histidyl and glycylic residues. <i>Journal of Inorganic Biochemistry</i> , 2003, 97, 299-307.	1.5	58
6	The glycopeptide CSF114(Glc) detects serum antibodies in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2005, 167, 131-137.	1.1	56
7	Spectroscopic and potentiometric study of the SOD mimic system copper(II)/acetyl-L-histidylglycyl-L-histidylglycine. <i>Journal of Inorganic Biochemistry</i> , 2002, 89, 181-190.	1.5	54
8	A Convenient Microwave-Enhanced Solid-Phase Synthesis of Difficult Peptide Sequences: Case Study of Gramicidin A and CSF114(Glc). <i>International Journal of Peptide Research and Therapeutics</i> , 2007, 13, 203-208.	0.9	54
9	A New Biotin Derivative [~] DOTA Conjugate as a Candidate for Pretargeted Diagnosis and Therapy of Tumors. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3170-3173.	2.9	43
10	Cyclisation of histidine containing peptides in the solid-phase by anchoring the imidazole ring to trityl resins. <i>Tetrahedron Letters</i> , 1999, 40, 809-812.	0.7	42
11	A synthetic glycopeptide of human myelin oligodendrocyte glycoprotein to detect antibody responses in multiple sclerosis and other neurological diseases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 167-172.	1.0	40
12	A convenient microwave-assisted synthesis of N-glycosyl amino acids. <i>Tetrahedron Letters</i> , 2007, 48, 2901-2904.	0.7	38
13	Ferrocenyl glycopeptides as electrochemical probes to detect autoantibodies in multiple sclerosis patients' sera. <i>Biopolymers</i> , 2008, 90, 488-495.	1.2	32
14	<i>N</i> -Fmoc-protected <i>N</i> -azido- and <i>N</i> -alkynyl-L-amino acids as building blocks for the synthesis of "clickable" peptides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5308-5314.	1.2	30
15	Glycopeptide-Based Antibody Detection in Multiple Sclerosis by Surface Plasmon Resonance. <i>Sensors</i> , 2012, 12, 5596-5607.	2.1	27
16	Spectroscopic and potentiometric study of copper(II) complexes with L-histidyl-glycyl-L-histidyl-glycine in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999, 55, 1675-1689.	2.0	26
17	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 2002, 9, 119-123.	0.1	26
18	Posttranslationally modified peptides efficiently mimicking neoantigens: A challenge for theragnostics of autoimmune diseases. <i>Biopolymers</i> , 2010, 94, 791-799.	1.2	24

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19	Antibodies against glycosylated native MOG are elevated in patients with multiple sclerosis. <i>Neurology</i> , 2005, 65, 781-782.	1.5	23
20	Conventional and microwave-assisted SPPS approach: a comparative synthesis of PTHrP(1-34)NH ₂ . <i>Journal of Peptide Science</i> , 2011, 17, 708-714.	0.8	23
21	Synthesis of DEHP metabolites as biomarkers for GC-MS evaluation of phthalates as endocrine disrupters. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3461-3465.	1.4	22
22	A new lipophilic fluorescent probe for interaction studies of bioactive lipopeptides with membrane models. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1731-1734.	1.0	20
23	Solid-phase approach to the synthesis of cyclen scaffolds from cyclotetrapeptides. <i>Tetrahedron Letters</i> , 2003, 44, 5217-5219.	0.7	15
24	Synthesis of a Dicarba-Analog of Octreotide Keeping the Type II Turn of the Pharmacophore in Water Solution. <i>Letters in Organic Chemistry</i> , 2005, 2, 274-279.	0.2	15
25	Semi- β -carotenone from leaves of two cycads. <i>Phytochemistry</i> , 1987, 26, 2029-2031.	1.4	13
26	ANIN VIVO, EX VIVO AND IN VITRO COMPARATIVE STUDY OF ACTIVITY OF COPPER OLIGOPEPTIDE COMPLEXES VS Cu(II) IONS. <i>Pharmacological Research</i> , 1998, 38, 279-287.	3.1	13
27	Fmoc-protected iminosugar modified asparagine derivatives as building blocks for glycomimetics-containing peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3965-3973.	1.4	13
28	Synthesis of new ribosylated Asn building blocks as useful tools for glycopeptide and glycoprotein synthesis. <i>Tetrahedron Letters</i> , 2009, 50, 4151-4153.	0.7	12
29	Divergent and convergent synthesis of polymannosylated dibranched antigenic peptide of the immunodominant epitope MBP(83-99). <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6718-6725.	1.4	12
30	Diastereoselective Alkylation of Schiff Bases for the Synthesis of Lipidic Unnatural Fmoc-Protected β -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2736.	1.2	11
31	Toward biomarkers in multiple sclerosis: new advances. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 781-794.	1.4	10
32	Glycosyl derivatives of NK2 tachykinin receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 367-372.	1.0	9
33	Highly efficient synthesis of steroid-17-spiro-5'-oxazolidine-2', 4' -diones from 17-keto steroids. <i>Steroids</i> , 1990, 55, 501-506.	0.8	8
34	Histidyl-Glycyl Containing Peptides. Characterization and Complexation Properties of H(L-His-Gly) ₂ -R with Hydrogen and Alkali Metal Ions in the Gas-phase. , 1996, 10, 1266-1272.		8
35	Structure of the Adduct of Alantolactone with (Z)-L-Cys-Ala-OMe; ¹ H and ¹³ C Assignment of the Alantolactone Moiety by NMR at 14 T. , 1996, 34, 95-99.		8
36	Bradykinin antagonists modified with dipeptide mimetic β -turn inducers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2387-2390.	1.0	8

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37	IgG and IgM antibodies to the refolded MOG1â€“125 extracellular domain in humans. <i>Journal of Neuroimmunology</i> , 2011, 233, 216-220.	1.1	8
38	Analytical Methods for Solid Phase Peptide Synthesis. <i>Current Organic Chemistry</i> , 2004, 8, 291-301.	0.9	8
39	Synthesis of N-acetyl derivatives of 17Î²-(2-amino-oxazol-4-yl)-steroids and revised structure of N-acetylated 4- or 4,5-disubstituted 2-amino-oxazoles. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1978, , 249-252.	0.9	7
40	Occurrence of the very rare carotenoid triphasiaxanthin in leaves of two cycads. <i>Biochemical Systematics and Ecology</i> , 1990, 18, 317-319.	0.6	7
41	Synthetic Peptides Reproducing Tissue Transglutaminaseâ€“Gliadin Complex Neo-epitopes as Probes for Antibody Detection in Celiac Disease Patientsâ€™ Sera. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1390-1399.	2.9	6
42	Synthesis of 17Î²-(2-amino-oxazol-4-yl)-steroids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1975, , 1999-2001.	0.9	5
43	Reaction of some antiinflammatory 17Î²-(2-aminooxazol-4-yl) steroids with hydrogen peroxide. Synthesis of steroid-17- spiro-5'-oxazolidine-2',4'-diones. <i>Steroids</i> , 1985, 46, 665-676.	0.8	5
44	Identification by tandem mass spectrometry of the very rare Î²-Carotenone isolated from the leaves of two cycads. <i>Organic Mass Spectrometry</i> , 1994, 29, 695-697.	1.3	4
45	Synthesis, structure, and potential biological implications of r-4-hydroperoxy-t-5-hydroxy-4-methylimidazolidin-2-one. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 1339.	2.0	3
46	Palmitoyl Derivatives of GpMBP Epitopes:Â T-Cell Response and Peptidases Susceptibilityâ€. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 3504-3510.	2.9	3
47	Suppression de la rÃ©ponse de la peau Ã l'alantolactone chez des cobayes sensibilisÃ©s Ã l'alantolactone et traitÃ©s par l'ester mÃ©thylique de la N-acÃ©tyl-?-cystÃ©inyl-?-alanine. <i>European Journal of Medicinal Chemistry</i> , 1990, 25, 107-115.	2.6	2
48	Microwave-assisted reaction of glycosylamine with aspartic acid. <i>Amino Acids</i> , 2010, 39, 599-604.	1.2	2
49	Mass spectrometry of 3-phosphoryl derivatives of vitamins D2, D3 and 7-dehydrocholesterol. <i>Biomedical Mass Spectrometry</i> , 1983, 10, 74-77.	1.8	1
50	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 51-59.	0.1	1
51	Synthesis of lipopeptides of the immunodominant epitope hMBP(83â€“99) containing amide or C-C bond linked hydrophobic chains for the study of T cell response. <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 51-59.	0.1	1
52	X-ray structure analysis of 3,11,17-trioxoandrostane-5Î±-carbonitrile and of 17Î±-ethoxycarbonyloxy-3-oxoandrost-4-ene-17-carbonitrile. <i>Steroids</i> , 1992, 57, 502-506.	0.8	0
53	Analytical Methods for Solid-Phase Peptide Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.1	0
54	Microwave-assisted Synthesis of N-glycosylated Building Blocks. , 2006, , 190-191.		0

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55	Does an Aberrant Glucosylation Trigger Autoimmunity in Multiple Sclerosis?. , 2006, , 775-776.		0
56	Optimization of Multiple Sclerosis Antigenic Probes by a Combinatorial Approach. , 2006, , 779-780.		0
57	A Glycopeptide-based Technique for Selective Antibody Purification. Advances in Experimental Medicine and Biology, 2009, 611, 369-370.	0.8	0
58	Ribose Building Block For The Synthesis Of Glycopeptides For Fishing Out Antibodies In Autoimmune Diseases. Advances in Experimental Medicine and Biology, 2009, 611, 441-442.	0.8	0
59	Studies for Identification of the Minimal Epitope(s) mimicked by the Synthetic Glcopeptide CSF114(Glc). Advances in Experimental Medicine and Biology, 2009, 611, 431-432.	0.8	0
60	Semi-Synthetic Strategies to Obtain Glucosylated MOG to Identify Antibodies as Biomarkers in Multiple Sclerosis Disease. Advances in Experimental Medicine and Biology, 2009, 611, 327-328.	0.8	0
61	Fmoc-2-aminopalmitic acid for the synthesis of lipopeptides with an hydrophobic chain on a C-C bond. , 2002, , 345-346.		0
62	Lipoderivatives of an immunodominant epitope of myelin basic protein increased T cell responsiveness in Lewis rats. , 2002, , 700-702.		0
63	Lipophilic modifications of peptide epitopes: T-cell response and susceptibility to peptidases. , 2002, , 697-699.		0
64	Recombinant MOG from baculovirus inhibits anti-hMOG(30-50) antibodies detected by the synthetic antigen [Asn31(Glc)]hMOG(30-50). , 2002, , 708-709.		0