

# Francesca Nuti

## List of Publications by Year in descending order

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44  
papers

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citations

687363

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552781

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47  
all docs

47  
docs citations

47  
times ranked

1091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Oxidation of Glucose in Glycopeptides**. European Journal of Organic Chemistry, 2022, 2022, .	2.4	4
2	Cross-reactive peptide epitopes of Enterovirus Coxsackie B4 and human glutamic acid decarboxylase detecting antibodies in latent autoimmune diabetes in adults versus type 1 diabetes. Clinica Chimica Acta, 2021, 515, 73-79.	1.1	3
3	ELISA based on peptide antigens reproducing cross-reactive viral epitopes to detect antibodies in latent autoimmune diabetes in adults vs. type 1 diabetes. MethodsX, 2021, 8, 101452.	1.6	1
4	Selective capture of anti-N-glycosylated NTHi adhesin peptide antibodies by a multivalent dextran conjugate. ChemBioChem, 2021, , .	2.6	4
5	A Multiple N-Glycosylated Peptide Epitope Efficiently Detecting Antibodies in Multiple Sclerosis. Brain Sciences, 2020, 10, 453.	2.3	5
6	Hyperglucosylated adhesin-derived peptides as antigenic probes in multiple sclerosis: Structure optimization and immunological evaluation. Journal of Peptide Science, 2020, 26, e3281.	1.4	3
7	An Optimised Di-Boronate-ChemMatrix Affinity Chromatography to Trap Deoxyfructosylated Peptides as Biomarkers of Glycation. Molecules, 2020, 25, 755.	3.8	10
8	A Photochromic Azobenzene Peptidomimetic of a $\beta$ -Turn Model Peptide Structure as a Conformational Switch. Frontiers in Chemistry, 2019, 7, 180.	3.6	9
9	Antibodies to post-translationally modified mitochondrial peptide PDC-E2(167-184) in type 1 diabetes. Archives of Biochemistry and Biophysics, 2018, 659, 66-74.	3.0	6
10	Structure-Activity Relationship Studies, SPR Affinity Characterization, and Conformational Analysis of Peptides That Mimic the HNK-1 Carbohydrate Epitope. ChemMedChem, 2017, 12, 751-759.	3.2	5
11	Antibodies from multiple sclerosis patients preferentially recognize hyperglucosylated adhesin of non-typeable Haemophilus influenzae. Scientific Reports, 2016, 6, 39430.	3.3	23
12	Natural Triterpene Glycosides for Antibody Recognition. Planta Medica Letters, 2016, 3, e2-e7.	0.2	2
13	Serpina1 Terminal Peptides as Collagen Turnover Modulators. ChemMedChem, 2016, 11, 1850-1855.	3.2	6
14	Epitope mapping of anti-myelin oligodendrocyte glycoprotein (MOG) antibodies in a mouse model of multiple sclerosis: microwave-assisted synthesis of the peptide antigens and ELISA screening. Journal of Peptide Science, 2016, 22, 52-58.	1.4	8
15	Lipoylated Peptides and Proteins. Topics in Heterocyclic Chemistry, 2015, , 1.	0.2	0
16	Interaction Study of Phospholipid Membranes with an N-Glycosylated $\beta$ -Turn Peptide Structure Detecting Autoantibodies Biomarkers of Multiple Sclerosis. Membranes, 2015, 5, 576-596.	3.0	5
17	Di-(2-Ethylhexyl) Phthalate Metabolites in Urine Show Age-Related Changes and Associations with Adiposity and Parameters of Insulin Sensitivity in Childhood. PLoS ONE, 2015, 10, e0117831.	2.5	47
18	Role of Lipoylation of the Immunodominant Epitope of Pyruvate Dehydrogenase Complex: Toward a Peptide-Based Diagnostic Assay for Primary Biliary Cirrhosis. Journal of Medicinal Chemistry, 2015, 58, 6619-6629.	6.4	7

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19	Synthesis of diastereomerically pure Lys( $\mu$ -lipoyl) building blocks and their use in Fmoc/tBu solid phase synthesis of lipoyl-containing peptides for diagnosis of primary biliary cirrhosis. <i>Journal of Peptide Science</i> , 2015, 21, 408-414.	1.4	10
20	Lipoylated Peptides and Proteins. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 235-252.	0.2	0
21	Immune Dysfunction in Rett Syndrome Patients Revealed by High Levels of Serum Anti-N(Glc) IgM Antibody Fraction. <i>Journal of Immunology Research</i> , 2014, 2014, 1-6.	2.2	18
22	Conformational Analysis of Glycyl-Ala-NHMe in D <sub>2</sub> O and DMSO Solutions: A Two-Dimensional Infrared Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14226-14237.	2.6	9
23	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.	3.0	12
24	Di-(2-Ethylhexyl) Phthalate and Autism Spectrum Disorders. <i>ASN Neuro</i> , 2012, 4, AN20120015.	2.7	127
25	Microwave-assisted reaction of glycosylamine with aspartic acid. <i>Amino Acids</i> , 2010, 39, 599-604.	2.7	2
26	Posttranslationally modified peptides efficiently mimicking neoantigens: A challenge for theragnostics of autoimmune diseases. <i>Biopolymers</i> , 2010, 94, 791-799.	2.4	24
27	Synthesis of new ribosylated Asn building blocks as useful tools for glycopeptide and glycoprotein synthesis. <i>Tetrahedron Letters</i> , 2009, 50, 4151-4153.	1.4	12
28	Ribose Building Block For The Synthesis Of Glycopeptides For Fishing Out Antibodies In Autoimmune Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 441-442.	1.6	0
29	Studies for Identification of the Minimal Epitope(s) mimicked by the Synthetic Glcopeptide CSF114(Glc). <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 431-432.	1.6	0
30	Synthesis Of Organometallic Glycopeptides And Electrochemical Studies To Detect Autoantibodies In Multiple Sclerosis Patients' Sera.. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 435-436.	1.6	0
31	Ferrocenyl glycopeptides as electrochemical probes to detect autoantibodies in multiple sclerosis patients' sera. <i>Biopolymers</i> , 2008, 90, 488-495.	2.4	32
32	Designed Glycopeptides with Different $\beta$ -Turn Types as Synthetic Probes for the Detection of Autoantibodies as Biomarkers of Multiple Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5304-5309.	6.4	28
33	Electrostatic interactions in phospholipid membranes revealed by coherent 2D IR spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15323-15327.	7.1	32
34	A convenient microwave-assisted synthesis of N-glycosyl amino acids. <i>Tetrahedron Letters</i> , 2007, 48, 2901-2904.	1.4	38
35	Fmoc-protected iminosugar modified asparagine derivatives as building blocks for glycomimetics-containing peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3965-3973.	3.0	13
36	Hydration and Hydrogen Bonding of Carbonyls in Dimyristoyl-Phosphatidylcholine Bilayer. <i>Journal of the American Chemical Society</i> , 2006, 128, 9466-9471.	13.7	34

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37	Microwave-assisted Synthesis of N-glycosylated Building Blocks. , 2006, , 190-191.		0
38	Does an Aberrant Glucosylation Trigger Autoimmunity in Multiple Sclerosis?. , 2006, , 775-776.		0
39	Optimization of Multiple Sclerosis Antigenic Probes by a Combinatorial Approach. , 2006, , 779-780.		0
40	Synthesis of DEHP metabolites as biomarkers for GCâ€‘MS evaluation of phthalates as endocrine disrupters. Bioorganic and Medicinal Chemistry, 2005, 13, 3461-3465.	3.0	22
41	An N-glycosylated peptide detecting disease-specific autoantibodies, biomarkers of multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10273-10278.	7.1	111
42	Diastereoselective Alkylation of Schiff Bases for the Synthesis of Lipidic Unnatural Fmoc-Protected Î±-Amino Acids. European Journal of Organic Chemistry, 2002, 2002, 2736.	2.4	11
43	A new lipophilic fluorescent probe for interaction studies of bioactive lipopeptides with membrane models. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1731-1734.	2.2	20
44	Role of Helical Structure in MBP Immunodominant Peptides for Efficient IgM Antibody Recognition in Multiple Sclerosis. Frontiers in Chemistry, 0, 10, .	3.6	0