

Franco Felici

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,681
citations

136885

32
h-index

128225

60
g-index

88
all docs

88
docs citations

88
times ranked

2468
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunological fingerprint of 4CMenB recombinant antigens via protein microarray reveals key immunosignatures correlating with bactericidal activity. <i>Nature Communications</i> , 2020, 11, 4994.	5.8	4
2	Molecular characterization of two sub-family specific monoclonal antibodies to meningococcal Factor H binding protein. <i>Heliyon</i> , 2018, 4, e00591.	1.4	1
3	Epitope Mapping of a Monoclonal Antibody Directed against Neisserial Heparin Binding Antigen Using Next Generation Sequencing of Antigen-Specific Libraries. <i>PLoS ONE</i> , 2016, 11, e0160702.	1.1	11
4	Functional characterization of a monoclonal antibody epitope using a lambda phage display-deep sequencing platform. <i>Scientific Reports</i> , 2016, 6, 31458.	1.6	12
5	Phage display revisited: Epitope mapping of a monoclonal antibody directed against <i>Neisseria meningitidis</i> adhesin A using the PROFILER technology. <i>MAbs</i> , 2016, 8, 741-750.	2.6	19
6	Rapid Profiling of the Antigen Regions Recognized by Serum Antibodies Using Massively Parallel Sequencing of Antigen-Specific Libraries. <i>PLoS ONE</i> , 2014, 9, e114159.	1.1	17
7	A structural model of human ferroportin and of its iron binding site. <i>FEBS Journal</i> , 2014, 281, 2851-2860.	2.2	35
8	Yeast Killer Toxin-Like Candidacidal Ab6 Antibodies Elicited through the Manipulation of the Idiotypic Cascade. <i>PLoS ONE</i> , 2014, 9, e105727.	1.1	13
9	The Spr1875 protein confers resistance to the microglia-mediated killing of <i>Streptococcus pneumoniae</i> . <i>Microbial Pathogenesis</i> , 2013, 59-60, 42-47.	1.3	8
10	Defining a protective epitope on factor H binding protein, a key meningococcal virulence factor and vaccine antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3304-3309.	3.3	125
11	Immunogenic Properties of <i>Streptococcus agalactiae</i> FbsA Fragments. <i>PLoS ONE</i> , 2013, 8, e75266.	1.1	21
12	Protective Activity of <i>Streptococcus pneumoniae</i> Spr1875 Protein Fragments Identified Using a Phage Displayed Genomic Library. <i>PLoS ONE</i> , 2012, 7, e36588.	1.1	21
13	Novel Immunogenic Peptides Elicit Systemic Anaphylaxis in Mice: Implications for Peptide Vaccines. <i>Journal of Immunology</i> , 2011, 187, 1201-1206.	0.4	7
14	Plasminogen- and Fibronectin-binding Protein B Is Involved in the Adherence of <i>Streptococcus pneumoniae</i> to Human Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 7517-7524.	1.6	47
15	Peptide mimics of two pneumococcal capsular polysaccharide serotypes (6B and 9V) protect mice from a lethal challenge with <i>Streptococcus pneumoniae</i> . <i>European Journal of Immunology</i> , 2009, 39, 1527-1535.	1.6	7
16	Immunogenic mimics of <i>Brucella</i> lipopolysaccharide epitopes. <i>Peptides</i> , 2009, 30, 1936-1939.	1.2	12
17	Structural Mimicry of O-Antigen by a Peptide Revealed in a Complex with an Antibody Raised against <i>Shigella flexneri</i> Serotype 2a. <i>Journal of Molecular Biology</i> , 2009, 388, 839-850.	2.0	13
18	A region of the N-terminal domain of meningococcal factor H-binding protein that elicits bactericidal antibody across antigenic variant groups. <i>Molecular Immunology</i> , 2009, 46, 1647-1653.	1.0	33

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19	Specific and selective probes for <i>Pseudomonas aeruginosa</i> from phage-displayed random peptide libraries. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1137-1144.	5.3	43
20	Peptide Mimics of the Group B Meningococcal Capsule Induce Bactericidal and Protective Antibodies after Immunization. <i>Journal of Immunology</i> , 2007, 178, 4417-4423.	0.4	26
21	Recombinant phage probes for <i>Listeria monocytogenes</i> . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 395011.	0.7	11
22	A novel approach for identification of tumor-associated antigens expressed on the surface of tumor cells. <i>International Journal of Cancer</i> , 2007, 120, 1293-1303.	2.3	12
23	Identification of a human immunodominant B-cell epitope within the immunoglobulin A1 protease of <i>Streptococcus pneumoniae</i> . <i>BMC Microbiology</i> , 2007, 7, 113.	1.3	10
24	Supramolecular Binding of Cationic Porphyrins on a Filamentous Bacteriophage Template: Toward a Noncovalent Antenna System. <i>Journal of the American Chemical Society</i> , 2006, 128, 7446-7447.	6.6	37
25	Discovery of novel <i>Streptococcus pneumoniae</i> antigens by screening a whole-genome phage display library. <i>FEMS Microbiology Letters</i> , 2006, 262, 14-21.	0.7	54
26	Identification and refinement of a peptide affinity ligand with unique specificity for a monoclonal anti-tenascin-C antibody by screening of a phage display library. <i>Journal of Chromatography A</i> , 2006, 1107, 182-191.	1.8	17
27	A study of the humoral immune response of breast cancer patients to a panel of human tumor antigens identified by phage display. <i>Cancer Detection and Prevention</i> , 2006, 30, 248-256.	2.1	13
28	Efficient display of scFv antibodies on bacteriophage lambda. <i>Journal of Immunological Methods</i> , 2006, 310, 149-158.	0.6	12
29	Selection, affinity maturation, and characterization of a human scFv antibody against CEA protein. <i>BMC Cancer</i> , 2006, 6, 41.	1.1	30
30	Peptides mimicking <i>Vibrio cholerae</i> O139 capsular polysaccharide elicit protective antibody response. <i>Microbes and Infection</i> , 2005, 7, 1453-1460.	1.0	17
31	Display libraries on bacteriophage lambda capsid. <i>Biotechnology Annual Review</i> , 2005, 11, 153-190.	2.1	28
32	A Combination of Antigenic Regions of <i>Toxoplasma gondii</i> Microneme Proteins Induces Protective Immunity against Oral Infection with Parasite Cysts. <i>Journal of Infectious Diseases</i> , 2005, 191, 637-645.	1.9	87
33	Identification of a panel of tumor-associated antigens from breast carcinoma cell lines, solid tumors and testis cDNA libraries displayed on lambda phage. <i>BMC Cancer</i> , 2004, 4, 78.	1.1	24
34	The <i>Toxoplasma gondii</i> bradyzoite antigens BAG1 and MAG1 induce early humoral and cell-mediated immune responses upon human infection. <i>Microbes and Infection</i> , 2004, 6, 164-171.	1.0	63
35	Identification of peptides mimicking the ligands of proteins phosphorylated by protein kinase CK2. <i>Peptides</i> , 2004, 25, 191-197.	1.2	4
36	Molecular dissection of the human B-cell response against <i>Toxoplasma gondii</i> infection by lambda display of cDNA libraries. <i>International Journal for Parasitology</i> , 2003, 33, 163-173.	1.3	62

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37	Identification of tumor-associated antigens by screening phage-displayed human cDNA libraries with sera from tumor patients. <i>International Journal of Cancer</i> , 2003, 106, 534-544.	2.3	80
38	Humoral immune response against proteophosphoglycan surface antigens of <i>Entamoeba histolytica</i> elicited by immunization with synthetic mimotope peptides. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 37, 179-183.	2.7	12
39	Determination of the fine epitope specificity of an anti-hepatitis B virus X protein monoclonal antibody using microanalytical and molecular biological methods. <i>Molecular Immunology</i> , 2003, 40, 241-246.	1.0	4
40	Use of an Immunoglobulin G Avidity Assay Based on Recombinant Antigens for Diagnosis of Primary <i>Toxoplasma gondii</i> Infection during Pregnancy. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5414-5418.	1.8	75
41	Identification by Phage Display of the Linear Continuous MRPr1 Epitope in the Multidrug Resistance-Associated Protein (MRP1). <i>Biological Chemistry</i> , 2003, 384, 139-142.	1.2	2
42	Selection of Mimotopes of the Cell Surface Adhesion Molecule Mel-CAM from a Random pVIII-28aa Phage Peptide Library. <i>Journal of Investigative Dermatology</i> , 2002, 119, 865-869.	0.3	12
43	Antigenicity and immunogenicity of phage library-selected peptide mimics of the major surface proteophosphoglycan antigens of <i>Entamoeba histolytica</i> . <i>Parasite Immunology</i> , 2002, 24, 321-328.	0.7	17
44	ADAM-HCV, a new-concept diagnostic assay for antibodies to hepatitis C virus in serum. <i>FEBS Journal</i> , 2001, 268, 4758-4768.	0.2	10
45	Identification of a LFA-1 region involved in the HIV-1-induced syncytia formation through phage-display technology. <i>European Journal of Immunology</i> , 2001, 31, 57-63.	1.6	9
46	Identification of a human immunodominant B-cell epitope within the GRA1 antigen of <i>Toxoplasma gondii</i> by phage display of cDNA libraries. <i>International Journal for Parasitology</i> , 2001, 31, 1659-1668.	1.3	48
47	Colony Assay for Phage-Displayed Libraries. <i>Analytical Biochemistry</i> , 2000, 284, 412-415.	1.1	1
48	Isolation of Phage Mimotopes Mimicking a Protective Epitope of GPI-Linked Proteophosphoglycan Antigens of <i>Entamoeba histolytica</i> . <i>Archives of Medical Research</i> , 2000, 31, S309-S310.	1.5	0
49	â€œAffinity maturationâ€ of ligands for HCV-specific serum antibodies. <i>Journal of Immunological Methods</i> , 2000, 236, 167-176.	0.6	13
50	In Vitro Evolution of Ligands for HCV-Specific Serum Antibodies. <i>Biological Chemistry</i> , 2000, 381, 245-254.	1.2	9
51	Uptake and intracellular fate of phage display vectors in mammalian cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1448, 450-462.	1.9	82
52	Targeted delivery of multivalent phage display vectors into mammalian cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1448, 463-472.	1.9	80
53	Corrigendum to: â€Uptake and intracellular fate of phage display vectors in mammalian cellsâ€™. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1451, 364.	1.9	1
54	Construction of Disulfide-Constrained Random Peptide Libraries Displayed on Phage Coat Protein VIII. , 1998, 87, 155-164.		10

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55	Identification of Disease-Specific Epitopes. , 1998, 87, 195-208.		9
56	Peptide mimicry of carbohydrate structures. Research in Immunology, 1998, 149, 75-77.	0.9	1
57	A New Immunohistochemical Methodology for the Specific Detection of MDR1-P-Glycoprotein in Human Tissues Based on Phage-Displayed Peptides Mimicking the MM4.17 Epitope. Biological Chemistry, 1997, 378, 503-7.	1.2	2
58	Induction of anti-carbohydrate antibodies by phage library-selected peptide mimics. European Journal of Immunology, 1997, 27, 2620-2625.	1.6	108
59	[6] Immunization with phage-displayed mimotopes. Methods in Enzymology, 1996, 267, 109-115.	0.4	36
60	[7] Phage-displayed peptides as tools for characterization of human sera. Methods in Enzymology, 1996, 267, 116-129.	0.4	26
61	8 Discovery of Disease-Specific Mimotopes by Screening Phage Libraries with Human Serum Samples. , 1996, , 145-158.		1
62	Selection of biologically active peptides by phage display of random peptide libraries. Current Opinion in Biotechnology, 1996, 7, 616-621.	3.3	113
63	Topology of MDR1-P-glycoprotein as indicated by epitope mapping of monoclonal antibodies to human MDR cells. Cytotechnology, 1996, 19, 247-251.	0.7	8
64	Isolation of antigenic mimics of MDR1-P-glycoprotein by phage-displayed peptide libraries. International Journal of Cancer, 1995, 61, 727-731.	2.3	16
65	Identification of biologically active peptides using random libraries displayed on phage. Current Opinion in Biotechnology, 1995, 6, 73-80.	3.3	115
66	Peptide and protein display on the surface of filamentous bacteriophage. Biotechnology Annual Review, 1995, 1, 149-183.	2.1	38
67	A Conformationally Homogeneous Combinatorial Peptide Library. Journal of Molecular Biology, 1995, 247, 154-160.	2.0	82
68	Derivation of vaccines from mimotopes. Immunologic properties of human hepatitis B virus surface antigen mimotopes displayed on filamentous phage. Journal of Immunology, 1995, 154, 3162-72.	0.4	106
69	Selection of phage-displayed peptides mimicking an extracellular epitope of human MDR1-P-glycoprotein. Physiological Chemistry and Physics and Medical NMR, 1995, 27, 271-80.	0.2	3
70	A general strategy to identify mimotopes of pathological antigens using only random peptide libraries and human sera.. EMBO Journal, 1994, 13, 2236-2243.	3.5	227
71	Antigenic and immunogenic mimicry of the HER2/neu oncoprotein by phage-displayed peptides. European Journal of Immunology, 1994, 24, 2868-2873.	1.6	20
72	Epitope discovery using peptide libraries displayed on phage. Trends in Biotechnology, 1994, 12, 262-267.	4.9	133

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73	Recognition by human sera and immunogenicity of HBsAg mimotopes selected from an M13 phage display library. <i>Gene</i> , 1994, 146, 191-198.	1.0	78
74	Monoclonal antibodies that recognise filamentous phage: tools for phage display technology. <i>Gene</i> , 1994, 148, 7-13.	1.0	46
75	A general strategy to identify mimotopes of pathological antigens using only random peptide libraries and human sera. <i>EMBO Journal</i> , 1994, 13, 2236-43.	3.5	77
76	In vitroselection of peptides from molecular repertoires. <i>Rendiconti Lincei</i> , 1993, 4, 359-366.	1.0	0
77	A database system for handling phage library-derived sequences. <i>Gene</i> , 1993, 128, 143-144.	1.0	2
78	Mimicking of discontinuous epitopes by phage-displayed peptides, II. Selection of clones recognized by a protective monoclonal antibody against the <i>Bordetella pertussis</i> toxin from phage peptide libraries. <i>Gene</i> , 1993, 128, 21-27.	1.0	157
79	Mimicking of discontinuous epitopes by phage-displayed peptides, I. Epitope mapping of human H ferritin using a phage library of constrained peptides. <i>Gene</i> , 1993, 128, 51-57.	1.0	249
80	Selection from a peptide library of the antigenic determinants of a protein. <i>The Year in Immunology</i> , 1993, 7, 41-9.	0.1	1
81	Hybrid Rop-pIII proteins for the display of constrained peptides on filamentous phage capsids. <i>Annales De Biologie Clinique</i> , 1993, 51, 917-22.	0.2	1
82	Selection of antibody ligands from a large library of oligopeptides expressed on a multivalent exposition vector. <i>Journal of Molecular Biology</i> , 1991, 222, 301-310.	2.0	400
83	Small acidic peptides are bound to <i>E. coli</i> DNA. <i>Molecular Biology Reports</i> , 1991, 15, 9-18.	1.0	6
84	The most abundant small cytoplasmic RNA of <i>Saccharomyces cerevisiae</i> has an important function required for normal cell growth.. <i>Molecular and Cellular Biology</i> , 1989, 9, 3260-3268.	1.1	106
85	The Most Abundant Small Cytoplasmic RNA of <i>Saccharomyces cerevisiae</i> Has an Important Function Required for Normal Cell Growth. <i>Molecular and Cellular Biology</i> , 1989, 9, 3260-3268.	1.1	75
86	Isolation and characterization of small phosphorylated peptides controlling transcription "in vitro" from trout testis chromatin DNA. <i>Physiological Chemistry and Physics and Medical NMR</i> , 1988, 20, 91-108.	0.2	7
87	Structure of the <i>Saccharomyces cerevisiae</i> gene encoding tRNA ^{Leu} (IAU). <i>Nucleic Acids Research</i> , 1987, 15, 364-364.	6.5	11
88	7 Conformationally Defined Peptide Libraries on Phage: Selectable Templates for the Design of Pharmacological Agents. , 0, , .		0