M Z Atassi

List of Publications by Year in descending order

293 papers	9,200 citations	36203 51 h-index	64668 79 g-index
293 all docs	293 docs citations	293 times ranked	1382 citing authors

#	Article	IF	Citations
1	Antigenic structure of myoglobin: The complete immunochemical anatomy of a protein and conclusions relating to antigenic structures of proteins. Immunochemistry, 1975, 12, 423-438.	1.3	499
2	Precise determination of the entire antigenic structure of lysozyme: Molecular features of protein antigenic structures and potential of â€˜surface-simulationâ€™ synthesisâ€”a powerful new concept for protein binding sites. Immunochemistry, 1978, 15, 909-936.	1.3	271
3	Antigenic structures of proteins. Their determination has revealed important aspects of immune recognition and generated strategies for synthetic mimicking of protein binding sites. FEBS Journal, 1984, 145, 1-20.	0.2	238
4	Immunochemistry of sperm whale myoglobin. I. Specific interaction of some tryptic peptides and of peptides containing all the reactive regions of the antigen. Biochemistry, 1968, 7, 688-698.	1.2	188
5	A proposal for the nomenclature of antigenic sites in peptides and proteins. Immunochemistry, 1978, 15, 609-610.	1.3	169
6	[49] Reaction of proteins with citraconic anhydride. Methods in Enzymology, 1972, 25, 546-553.	0.4	160
7	Enzymic and immunochemical properties of lysozyme. Evaluation of several amino group reversible blocking reagents. Biochemistry, 1970, 9, 4939-4944.	1.2	142
8	The precise and entire antigenic structure of native lysozyme. Biochemical Journal, 1978, 171, 429-434.	1.7	115
9	Immunochemistry of sperm-whale myoglobins prepared with various modified porphyrins and metalloporphyrins. Biochemical Journal, 1967, 103, 29-35.	2.8	114
10	A novel and comprehensive synthetic approach for the elucidation of protein antigenic structures. Determination of the full antigenic profile of the Î±-chain of human haemoglobin. Biochemical Journal, 1980, 191, 261-264.	1.7	110
11	Properties of Components of Myoglobin of the Sperm Whale. Nature, 1964, 202, 496-498.	13.7	108
12	Periodate oxidation of sperm-whale myoglobin and the role of the methionine residues in the antigen-antibody reaction. Biochemical Journal, 1967, 102, 478-487.	2.8	108
13	Genetic control of immune response to sperm whale myoglobin in mice. II. T lymphocyte proliferative response to the synthetic antigenic sites. Journal of Immunology, 1979, 123, 182-8.	0.4	106
14	Immunochemistry of sperm-whale myoglobinâ€”XVI: Accurate delineation of the single region in sequence 1â€“55 by immunochemical studies of synthetic peptides. Some conclusions concerining antigenic structures of proteins. Immunochemistry, 1974, 11, 1-8.	1.3	100
15	Region of peptide 125-147 of acetylcholine receptor alpha subunit is exposed at neuromuscular junction and induces experimental autoimmune myasthenia gravis, T-cell immunity, and modulating autoantibodies.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 8805-8809.	3.3	100
16	Precise determination of protein antigenic structures has unravelled the molecular immune recognition of proteins and provided a prototype for synthetic mimicking of other protein binding sites. Molecular and Cellular Biochemistry, 1980, 32, 21-43.	1.4	96
17	Enzymic and immunochemical properties of lysozyme. I. Derivatives modified at tyrosine. Influence of nature of modification on activity. Biochemistry, 1969, 8, 1385-1393.	1.2	93
18	Localization and synthesis of the acetylcholine-binding site in the Î±-chain of the Torpedo californica acetylcholine receptor. Biochemical Journal, 1984, 224, 995-1000.	1.7	92

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19	Clinico-immunologic aspects of botulinum toxin type B treatment of cervical dystonia. Neurology, 2006, 67, 2233-2235.	1.5	92
20	Use of immunoadsorbents for the study of antibody binding to sperm whale myoglobin and its synthetic antigenic sites. Journal of Immunological Methods, 1979, 30, 139-151.	0.6	91
21	Immunochemistry of sperm whale myoglobin. IV. Role of the arginine residues in the conformation and differentiation of their roles in the antigenic reactivity. Biochemistry, 1969, 8, 3385-3394.	1.2	87
22	Structurally inherent antigenic sites. Localization of the antigenic sites of the Î±-chain of human haemoglobin in three host species by a comprehensive synthetic approach. Biochemical Journal, 1982, 203, 201-208.	1.7	82
23	Lack of immunochemical cross-reaction between lysozyme and Î±-lactalbumin and comparison of their conformations. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1970, 200, 184-187.	1.7	80
24	Conformational studies on modified proteins and peptides. Artificial myoglobins prepared with modified and metalloporphyrins. Biochemistry, 1970, 9, 2268-2275.	1.2	77
25	Segment Î± 182-198 ofTorpedo californicaacetylcholine receptor contains a second toxin-binding region and binds anti-receptor antibodies. FEBS Letters, 1986, 199, 68-74.	1.3	74
26	Immunochemistry of sperm whale myoglobin VI. Preparation and conformational analysis of eight mammalian myoglobins. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1970, 221, 612-622.	1.7	73
27	Suppression of Experimental Autoimmune Myasthenia Gravis by Epitope-Specific Neonatal Tolerance to Synthetic Region Î±146-162 of Acetylcholine Receptor. Clinical Immunology and Immunopathology, 1993, 66, 230-238.	2.1	73
28	Localization, synthesis, and activity of an antigenic site on influenza virus hemagglutinin.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 840-844.	3.3	71
29	Design of peptide enzymes (pepzymes): surface-simulation synthetic peptides that mimic the chymotrypsin and trypsin active sites exhibit the activity and specificity of the respective enzyme.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 8282-8286.	3.3	71
30	Autoimmune T cell recognition of human acetylcholine receptor: the sites of T cell recognition in myasthenia gravis on the extracellular part of the Î± subunit. European Journal of Immunology, 1990, 20, 2563-2569.	1.6	70
31	Structure, activity, and immune (T and B cell) recognition of botulinum neurotoxins. Critical Reviews in Immunology, 1999, 19, 219-60.	1.0	70
32	Genetic control of immune response to sperm whale myoglobin in mice. I. T lymphocyte proliferative response under H-2-linked Ir gene control. Journal of Immunology, 1978, 121, 866-8.	0.4	69
33	Congenital myasthenic syndromes: II. Syndrome attributed to abnormal interaction of acetylcholine with its receptor. Muscle and Nerve, 1993, 16, 1293-1301.	1.0	68
34	The antibody response to myoglobin is independent of the immunized species. Analysis in terms of replacements in the antigenic sites and in environmental residues of the cross-reactions of fifteen myoglobins with sperm-whale myoglobin antisera raised in different species. Biochemical Journal, 1980, 191, 681-697.	1.7	67
35	Localization and synthesis of the hormone-binding regions of the human thyrotropin receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3613-3617.	3.3	66
36	Enzymic and immunochemical properties of lysozyme XVI. A novel synthetic approach to an antigenic reactive site by direct linkage of the relevant conformationally adjacent residues constituting the site. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1976, 427, 745-751.	1.7	65

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37	Enzymic and immunochemical properties of lysozyme. Accurate definition of the antigenic site around the disulphide bridge 30-115 (site 3) by â€˜surface simulationâ€™ synthesis. Biochemical Journal, 1977, 167, 571-581.	1.7	65
38	Genetic control of the immune response to myoglobin. IV. Mouse antibodies in outbred and congenic strains against sperm-whale myoglobin recognize the same antigenic sites that are recognized by antibodies raised in other species. Molecular Immunology, 1981, 18, 447-450.	1.0	64
39	Immunochemistry of sperm whale myoglobin. III. Modification of the three tyrosine residues and their role in the conformation and differentiation of their roles in the antigenic reactivity. Biochemistry, 1968, 7, 3078-3085.	1.2	60
40	Enzymic and immunochemical properties of lysozyme. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1971, 236, 131-141.	1.7	60
41	Delineation of the third antigenic site of lysozyme by application of a novel â€˜surface-simulationâ€™ synthetic approach directly linking the conformationally adjacent residues forming the site. Biochemical Journal, 1976, 159, 89-93.	1.7	60
42	Mapping of the antibody-binding regions on botulinum neurotoxin H-chain domain 855â€“1296 with antitoxin antibodies from three host species. The Protein Journal, 1996, 15, 691-700.	1.1	60
43	T lymphocyte recognition of acetylcholine receptor: Localization of the full T cell recognition profile on the extracellular part of the Î± chain ofTorpedo californica acetylcholine receptor. European Journal of Immunology, 1987, 17, 1697-1702.	1.6	59
44	Hemoglobin binding with haptoglobin: Delineation of the haptoglobin binding site on the ?-chain of human hemoglobin. The Protein Journal, 1990, 9, 735-742.	1.1	59
45	Molecular Localization of the Full Profile of the Continuous Regions Recognized by Myoglobin Primed T-Cells Using Synthetic Overlapping Peptides Encompassing the Entire Molecule. Immunological Investigations, 1983, 12, 593-603.	0.9	57
46	Prediction and conformation by synthesis of two antigenic sites in human haemoglobin by extrapolation from the known antigenic structure of sperm-whale myoglobin. Biochemical Journal, 1977, 167, 275-278.	1.7	56
47	Immunochemistry of serum albumin. X. five major antigenic sites of human serum albumin are extrapolated from bovine albumin and confirmed by synthetic peptides. Molecular Immunology, 1980, 17, 139-142.	1.0	56
48	Immunochemistry of some artificial human hemoglobins. Immunochemistry, 1969, 6, 25-34.	1.3	55
49	Localization and verification by synthesis of five antigenic sites of bovine serum albumin. Biochemical Journal, 1979, 179, 327-331.	1.7	54
50	Immunochemistry of sperm whale of myoglobin. IX. Specific interaction of peptides obtained by cleavage at arginine peptide bonds. Biochemistry, 1971, 10, 1756-1762.	1.2	52
51	T CELL RECOGNITION OF MYOGLOBIN : LOCALIZATION OF THE SITES STIMULATING T CELL PROLIFERATIVE RESPONSES BY SYNTHETIC OVERLAPPING PEPTIDES ENCOMPASSING THE ENTIRE MOLECULE. International Journal of Immunogenetics, 1984, 11, 339-353.	1.2	52
52	Immunochemistry of sperm whale myoglobin. II. Modification of the two tryptophan residues and their role in the conformation and antigen-antibody reaction. Biochemistry, 1968, 7, 699-706.	1.2	51
53	Conformational studies on modified proteins and peptides. II. Conformation of peptides with intact and overlapping helices obtained by cleavage of myoglobin at proline peptide bonds. Biochemistry, 1970, 9, 4252-4259.	1.2	51
54	T cell clones reactive with sperm whale myoglobin. Isolation of clones with specificity for individual determinants on myoglobin.. Journal of Experimental Medicine, 1981, 154, 1342-1356.	4.2	51

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55	A fragment comprising the last third of bovine serum albumin which accounts for almost all the antigenic reactivity of the native protein.. Journal of Biological Chemistry, 1976, 251, 4616-4621.	1.6	51
56	Conformational studies on modified proteins and peptides. 3. Conformation of peptides obtained by cleavage of myoglobin at arginine peptide bonds. Journal of Biological Chemistry, 1970, 245, 5122-8.	1.6	51
57	The short-neurotoxin-binding regions on the Î±-chain of human and Torpedo californica acetylcholine receptors. Biochemical Journal, 1991, 274, 849-854.	1.7	50
58	Enzymic and immunochemical properties of lysozymeâ€"V derivatives modified at lysine residues by guanidination, acetylation, succinylation or maleylation. Immunochemistry, 1971, 8, 1047-1059.	1.3	47
59	A fragment comprising the last third of bovine serum albumin which accounts for almost all the antigenic reactivity of the native protein. Journal of Biological Chemistry, 1976, 251, 4616-21.	1.6	47
60	Antibodies with specificities to preselected protein regions evoked by free synthetic peptides representing protein antigenic sites or other surface locations: Demonstration with myoglobin. Molecular Immunology, 1983, 20, 567-570.	1.0	46
61	Profile of the Î±-bungarotoxin-binding regions on the extracellular part of the Î±-chain of Torpedo californica acetylcholine receptor. Biochemical Journal, 1987, 248, 847-852.	1.7	46
62	Immunochemistry of sperm whale myoglobin VII. Correlation of immunochemical cross-reaction of eight myoglobins with structural similarity and its dependence on conformation. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1970, 221, 623-635.	1.7	45
63	Production of Monoclonal Antibodies to Surface Regions that are Non-Immunogenic in a Protein Using Free Synthetic Peptide as Immunogens: Demonstration with Sperm-Whale Myoglobin. Immunological Investigations, 1983, 12, 161-175.	0.9	45
64	Epitope-specific suppression of antibody response in experimental autoimmune myasthenia gravis by a monomethoxypolyethylene glycol conjugate of a myasthenogenic synthetic peptide.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 5852-5856.	3.3	45
65	Immune recognition of serum albuminâ€"XIII. Autoreactivity with rabbit serum albumin of rabbit antibodies against bovine or human serum albumins and autoimmune recognition of rabbit serum albumin. Molecular Immunology, 1981, 18, 961-967.	1.0	44
66	Antibodies to Sperm-Whale Myoglobin Evoked by Free Synthetic Peptides of an Antigenic Site. Immunological Investigations, 1982, 11, 9-16.	0.9	44
67	Preparation of T-lymphocyte lines and clones with specificities to preselected protein sites by in vitro passage with free synthetic peptides: Demonstration with myoglobin sites. Molecular Immunology, 1983, 20, 1133-1137.	1.0	44
68	T cell recognition of ragweed allergen Ra3: Localization of the full T cell recognition profile by synthetic overlapping peptides representing the entire protein chain. European Journal of Immunology, 1986, 16, 236-240.	1.6	44
69	Profile of the continuous antigenic regions on the extracellular part of the alpha chain of an acetylcholine receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 3633-3637.	3.3	44
70	Specific cleavage of tryptophyl peptide bonds with periodate in sperm whale myoglobin. Archives of Biochemistry and Biophysics, 1967, 120, 56-59.	1.4	43
71	Antigenic structure of human haemoglobin. Localization of the antigenic sites of the Î²-chain in three host species by synthetic overlapping peptides representing the entire chain. Biochemical Journal, 1986, 234, 441-447.	1.7	43
72	Conformational studies on modified proteins and peptides. VI. Conformation and immunochemistry of methylated and carboxymethylated derivatives of lysozyme. Biochemistry, 1973, 12, 2690-2695.	1.2	42

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73	Antibody recognition of ragweed allergen Ra3: Localization of the full profile of the continuous antigenic sites by synthetic overlapping peptides representing the entire protein chain. European Journal of Immunology, 1986, 16, 229-235.	1.6	42
74	Reaction of Î²-propiolactone with amino acids and its specificity for methionine. Biochemical Journal, 1968, 106, 829-834.	3.2	40
75	Immunochemistry of sperm-whale myoglobinâ€"XX: Accurate delineation of the single reactive region in sequence 80â€"103 by immunochemical studies of synthetic peptides. Immunochemistry, 1975, 12, 285-290.	1.3	40
76	Immunochemistry of serum albuminâ€"II. Immunochemistry, 1976, 13, 547-555.	1.3	40
77	The regions of ?-neurotoxin binding on the extracellular part of the ?-subunit of human acetylcholine receptor. The Protein Journal, 1988, 7, 173-177.	1.1	40
78	Boundary refinement of the lysozyme antigenic site around the disulphide bond 6â€"127 (site 1) by â€˜surface-simulationâ€™ synthesis. Biochemical Journal, 1978, 171, 419-427.	1.7	39
79	Biological activities of rabbit antibodies against synthetic human thyrotropin receptor peptides representing thyrotropin binding regions. Biochemical and Biophysical Research Communications, 1992, 182, 1369-1375.	1.0	39
80	Production of monoclonal antibodies with preselected submolecular binding specificities to protein antigenic sites: Antibodies to sperm whale myoglobin sites. Molecular Immunology, 1983, 20, 719-726.	1.0	38
81	Enzymic and immunochemical properties of lysozyme. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 495, 354-368.	1.7	37
82	Genetic Control and Intersite Influences on the Immune Response to Sperm Whale Myoglobin. Advances in Experimental Medicine and Biology, 1982, 150, 97-125.	0.8	37
83	GENETIC CONTROL OF THE IMMUNE RESPONSE TO HEN'S EGG-WHITE LYSOZYME IN MICE: I. ANTIBODY AND T-LYMPHOCYTE PROLIFERATIVE RESPONSES TO THE NATIVE PROTEIN. International Journal of Immunogenetics, 1979, 6, 447-452.	1.2	36
84	A NOVEL APPROACH FOR LOCALIZATION OF THE CONTINUOUS PROTEIN ANTIGENIC SITES BY COMPREHENSIVE SYNTHETIC SURFACE SCANNING: ANTIBODY AND T-CELL ACTIVITY TO SEVERAL INFLUENZA HEMAGGLUTININ SYNTHETIC SITES. Immunological Investigations, 1984, 13, 539-551.	0.9	36
85	The Complete Antigenic Structure of Myoglobin: Approaches and Conclusions for Antigenic Structures of Proteins. , 1977, , 77-176.		36
86	High yield coupling of peptides to protein carriers. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1981, 670, 300-302.	1.7	34
87	Immunochemistry of sperm whale myoglobin. VIII. Specific interaction of peptides obtained by cleavage at proline peptide bonds. Biochemistry, 1970, 9, 3854-3861.	1.2	33
88	Production of monoclonal antibodies with pre-selected submolecular binding specificities to protein determinants: Demonstration with sperm whale myoglobin. Molecular Immunology, 1982, 19, 1699-1702.	1.0	33
89	Antibodies against protein antigenic sites that are identical in the homologous protein of the immunized animal Autoreactivity in rabbits of antibodies to spermwhale myoglobin. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 494, 277-282.	1.7	32
90	Mapping by synthetic peptides of the binding sites for acetylcholine receptor on ?-bungarotoxin. The Protein Journal, 1988, 7, 655-666.	1.1	32

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91	Acetylcholine receptor-alpha-bungarotoxin interactions: determination of the region-to-region contacts by peptide-peptide interactions and molecular modeling of the receptor cavity.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 6156-6160.	3.3	32
92	Conformational studies on modified proteins and peptides. VII. Conformation of Îµ-prototoxin and Îµ-toxin from Clostridium perfringens. Conformational changes associated with toxicity. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1973, 322, 245-250.	1.7	31
93	Enzymic and immunochemical properties of lysozymeâ€"XII Delineation of the reactive site around the two central disulfides by immunochemical and conformational studies of derivatives of the two-disulfide peptide. Immunochemistry, 1976, 13, 7-14.	1.3	31
94	Conformational studies on modified proteins and peptides. IV. Conformation of lysozyme derivatives modified at tyrosine or at tryptophan residues. Journal of Biological Chemistry, 1971, 246, 3291-6.	1.6	31
95	T CELL RECOGNITION OF LYSOZYME IV. LOCALIZATION AND GENETIC CONTROL OF THE CONTINUOUS T CELL RECOGNITION SITES BY SYNTHETIC OVERLAPPING PEPTIDES REPRESENTING THE ENTIRE PROTEIN CHAIN. International Journal of Immunogenetics, 1984, 11, 327-337.	1.2	30
96	B-cell activation in vitro by helper T cells specific to region alpha 146-162 of Torpedo californica nicotinic acetylcholine receptor. Journal of Immunology, 1996, 157, 3192-9.	0.4	30
97	Specific reduction of carboxyl groups in peptides and proteins by diborane. Biochemical Journal, 1969, 111, 593-601.	3.2	29
98	Enzymic and immunochemical properties of lysozymeâ€"VI Conformation, enzymic activity and immunochemistry of derivatives modified at arginine residues. Immunochemistry, 1972, 9, 907-920.	1.3	29
99	Enzymic and immunochemical properties of lysozyme. XIII. Accurate delineation of the reactive site around the disulfide 6-127 by immunochemical study of Î²-propiolactone lysozyme derivative and of synthetic disulfide peptides. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1976, 420, 358-375.	1.7	28
100	Genetic control of the immune response to myoglobin. VI. Inter-site influences in T-lymphocyte proliferative response from analysis of cross-reactions of ten myoglobins in terms of substitutions in the antigenic sites and in environmental residues of the sites. Molecular Immunology, 1981, 18, 945-948.	1.0	28
101	Haemoglobin binding with haptoglobin. Localization of the haptoglobin-binding sites on the Î²-chain of human haemoglobin by synthetic overlapping peptides encompassing the entire chain. Biochemical Journal, 1986, 234, 453-456.	1.7	28
102	Immune recognition of botulinum neurotoxin type A: Regions recognized by T cells and antibodies against the protective HC fragment (residues 855â€"1296) of the toxin. Molecular Immunology, 1997, 34, 1031-1040.	1.0	28
103	The Antigenic Structure of Hen Egg-White Lysozyme: A Model for Disulfide-Containing Proteins. , 1977, , 177-264.		28
104	Specific reduction of carboxyl groups in peptides. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1967, 147, 410-412.	1.7	27
105	Nearest-neighbour analysis of myoglobin antigenic sites. Nearest-neighbour residues whose replacement can alter the environment of binding-site residue(s) and thus change their characteristics and binding capability. Biochemical Journal, 1980, 191, 673-680.	1.7	27
106	Distance calculation of residues neighbouring to lysozyme antigenic sites. Site-neighbouring residues whose evolutionary substitution can modify the characteristics and binding energy of the sites. Biochemical Journal, 1980, 187, 163-172.	1.7	27
107	Site recognition by protein-primed T cells shows a non-specific peptide size requirement beyond the essential residues of the site Demonstration by defining an immunodominant T site in myoglobin. Biochemical Journal, 1986, 240, 139-146.	1.7	27
108	Antibodies and T cells against synthetic peptides of the C-terminal domain (Hc) of botulinum neurotoxin type A and their cross-reaction with Hc. Immunology Letters, 1998, 60, 7-12.	1.1	27

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109	Antigen presentation of lysozyme: T-cell recognition of peptide and intact protein after priming with synthetic overlapping peptides comprising the entire protein chain. Immunology, 1985, 56, 103-12.	2.0	27
110	Immunochemistry of sperm-whale myoglobin. 18. Accurate delineation of the single reactive region in sequence 120-153 by study of synthetic peptides. Biochimica Et Biophysica Acta, 1973, 328, 289-302.	1.3	27
111	Chemical studies on haemoglobins A1 and A0. Biochemical Journal, 1964, 93, 189-197.	2.8	26
112	Studies on myoglobin from the finback whale (Balaenoptera physalus). Preparation, physicochemical and immunochemical characterization, differentiation from sperm-whale myoglobin, amino acid composition and end-terminal analyses. Biochemical Journal, 1966, 98, 82-93.	2.8	26
113	Production of autoantibodies by immunization with rabbit myoglobin. Immunochemistry, 1978, 15, 67-70.	1.3	26
114	Immune recognition of cytochrome c. I. Investigation by synthesis whether antigenic sites of polymeric cytochrome coincide with locations of sequence differences between the immunizing and host cytochromes. Molecular Immunology, 1981, 18, 1021-1025.	1.0	26
115	GENETIC CONTROL OF THE IMMUNE RESPONSE TO HAEMOGLOBIN: III. VARIANT A?(bm 12) BUT NOT Ae(D2.GD) Ia POLYPEPTIDES ALTER IMMUNE RESPONSIVENESS TOWARDS THE ?-SUBUNIT OF HUMAN HAEMOGLOBIN. International Journal of Immunogenetics, 1981, 8, 471-476.	1.2	26
116	Profile of the regions of acetylcholine receptor Î± chain recognized by T-lymphocytes and by antibodies in eamg-susceptible and non-susceptible mouse strains after different periods of immunization with the receptor. Molecular Immunology, 1994, 31, 833-843.	1.0	26
117	Antigen mimicry in autoimmune disease. Can immune responses to microbial antigens that mimic acetylcholine receptor act as initial triggers of myasthenia gravis?. Human Immunology, 2000, 61, 255-265.	1.2	26
118	Immunochemistry of sperm whale myoglobinâ€"V. Specific modification of the methionine residues with Î²-propiolactone. Immunochemistry, 1969, 6, 801-810.	1.3	25
119	Non-specific peptide size effects in the recognition by site-specific T-cell clones. Demonstration with a T site of myoglobin. Biochemical Journal, 1987, 246, 307-312.	1.7	25
120	Haemoglobin binding with haptoglobin. Unequivocal demonstration that the Î²-chains of human haemoglobin bind to haptoglobin. Biochemical Journal, 1980, 185, 285-287.	1.7	24
121	GENETIC CONTROL OF THE IMMUNE RESPONSE TO HAEMOGLOBIN: I. DEMONSTRATION OF SEPARATE GENETIC CONTROL OF THE RESPONSES TO THE ?- AND ?-SUBUNITS BY IN VITRO LYMPHOCYTE PROLIFERATION. International Journal of Immunogenetics, 1981, 8, 315-322.	1.2	24
122	[8] Preparation of monoclonal antibodies to preselected protein regions. Methods in Enzymology, 1986, 121, 69-95.	0.4	24
123	Antibody-combining sites can be mimicked synthetically. Surface-simulation synthesis of the immunoglobulin new combining site to the gamma-hydroxyl derivative of vitamin K1. Journal of Biological Chemistry, 1978, 253, 5259-62.	1.6	24
124	Role of the Amino Groups and C-Terminal of Sperm-Whale Myoglobin in the Antigenâ€"Antibody Reaction. Nature, 1966, 209, 1209-1211.	13.7	23
125	Desulfurization of sulfur amino acids and proteins with Raney nickel. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1971, 236, 174-182.	1.7	23
126	Immunochemistry of serum albumin. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1979, 576, 322-332.	1.7	23

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127	Synthesis of tolerogenic monomethoxypolyethylene glycol and polyvinyl alcohol conjugates of peptides. The Protein Journal, 1991, 10, 623-627.	1.1	23
128	Localization of the regions on the C-terminal domain of the heavy chain of botulinum toxin a recognized by t lymphocytes and by antibodies after immunization of mice with pentavalent toxoid. Immunological Investigations, 1997, 26, 491-504.	1.0	23
129	Enzymic and immunochemical properties of lysozyme. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1975, 400, 423-432.	1.7	22
130	An immunodominant site of acetylcholine receptor in experimental myasthenia mapped with T lymphocyte clones and synthetic peptides. Immunology Letters, 1989, 20, 199-204.	1.1	22
131	Peptides with strong immunochemical inhibitory activity from bovine serum albumin. Application of a novel approach. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1974, 342, 389-395.	1.7	21
132	Immune recognition of serum albumin. 11. Mouse antibodies against bovine serum albumin recognize the same antigenic sites that are recognized by rabbit antibodies. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1980, 625, 159-162.	1.7	21
133	Haemoglobin binding with haptoglobin. Localization of the haptoglobin-binding site on the Î±-chain of human haemoglobin. Biochemical Journal, 1981, 197, 507-510.	1.7	20
134	Immune recognition of serum albumin. 15. BBA - Proteins and Proteomics, 1982, 704, 552-555.	2.1	20
135	GENETIC CONTROL OF THE IMMUNE RESPONSE TO MYOGLOBIN: IX. OVERCOMING GENETIC CONTROL OF ANTIBODY RESPONSE TO ANTIGENIC SITES BY INCREASING THE DOSE OF ANTIGEN USED IN IMMUNIZATION. International Journal of Immunogenetics, 1982, 9, 343-351.	1.2	20
136	III. RECOGNITION OF THE ?SURFACE-SIMULATION? SYNTHETIC ANTIGENIC STIES. International Journal of Immunogenetics, 1984, 11, 245-250.	1.2	20
137	Protection against Î±-bungarotoxin poisoning by immunization with synthetic toxin peptides. Molecular Immunology, 1996, 33, 681-689.	1.0	20
138	Immunochemistry of sperm-whale myoglobin. 1. Conformation and immunochemistry of derivative reduced at some carboxyl groups by diborane. Biochemistry, 1972, 11, 3984-3990.	1.2	19
139	Determination of the Entire Antigenic Structure of Native Lysozyme by Surface-Simulation Synthesis, A Novel Concept in Molecular Recognitio. CRC Critical Reviews in Biochemistry, 1979, 6, 371-400.	2.0	19
140	GENETIC CONTROL OF THE IMMUNE RESPONSE TO HAEMOGLOBIN:.. International Journal of Immunogenetics, 1981, 8, 395-403.	1.2	19
141	HLA-DR peptide inhibits HIV-induced syncytia. Immunology Letters, 1990, 24, 127-131.	1.1	19
142	Immunochemical cross-reaction of fragments from the first third and the last third of bovine serum albumin. Immunochemistry, 1977, 14, 449-457.	1.3	18
143	Antigen presentation of myoglobin: profiles of T cell proliferative responses following priming with synthetic overlapping peptides encompassing the entire molecule. European Journal of Immunology, 1985, 15, 917-922.	1.6	18
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