

# Manuel Elkin Me Patarroyo Murillo

## List of Publications by Year in descending order

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Version: 2024-02-01

340  
papers

8,418  
citations

70961

41  
h-index

85405

71  
g-index

348  
all docs

348  
docs citations

348  
times ranked

5168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cervical cancer screening programme attendance and compliance predictors regarding Colombia's Amazon region. <i>PLoS ONE</i> , 2022, 17, e0262069.	1.1	0
2	The Cellular and Molecular Interaction Between Erythrocytes and Plasmodium falciparum Merozoites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 816574.	1.8	6
3	SM-COLSARSPROT: Highly Immunogenic Supramutational Synthetic Peptides Covering the World's Population. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	0
4	A novel platform for peptide-mediated affinity capture and LC-MS/MS identification of host receptors involved in Plasmodium invasion. <i>Journal of Proteomics</i> , 2021, 231, 104002.	1.2	7
5	The molecular basis for peptide-based antimalarial vaccine development targeting erythrocyte invasion by P. falciparum. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 86-93.	1.0	3
6	MHCBI: a pipeline for calculating peptide-MHC binding energy using semi-empirical quantum mechanical methods with explicit/implicit solvent models. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	2
7	Identifying HLA DRB1-DQB1 alleles associated with Chlamydia trachomatis infection and in silico prediction of potentially-related peptides. <i>Scientific Reports</i> , 2021, 11, 12837.	1.6	4
8	The First Chemically-Synthesised, Highly Immunogenic Anti-SARS-CoV-2 Peptides in DNA Genotyped Aotus Monkeys for Human Use. <i>Frontiers in Immunology</i> , 2021, 12, 724060.	2.2	5
9	Molecular characterisation of parvorder Platyrrhini IgG sub-classes. <i>Molecular Immunology</i> , 2021, 139, 23-31.	1.0	2
10	Mycobacterium tuberculosis Rv0292 Protein Peptides Could be Included in a Synthetic Anti-tuberculosis Vaccine. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2823.	0.9	1
11	Trichomonas vaginalis follow-up and persistence in Colombian women. <i>Scientific Reports</i> , 2021, 11, 22597.	1.6	2
12	How to Combat Gram-Negative Bacteria Using Antimicrobial Peptides: A Challenge or an Unattainable Goal?. <i>Antibiotics</i> , 2021, 10, 1499.	1.5	19
13	Shorter Antibacterial Peptide Having High Selectivity for E. coli Membranes and Low Potential for Inducing Resistance. <i>Microorganisms</i> , 2020, 8, 867.	1.6	7
14	Antibodies targeting Mycobacterium tuberculosis peptides inhibit mycobacterial entry to infection target cells. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 712-720.	3.6	3
15	Identifying the HLA DRB1-DQB1 molecules and predicting epitopes associated with high-risk HPV infection clearance and redetection. <i>Scientific Reports</i> , 2020, 10, 7306.	1.6	9
16	Hotspots in Plasmodium and RBC Receptor-Ligand Interactions: Key Pieces for Inhibiting Malarial Parasite Invasion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4729.	1.8	11
17	Plasmodium falciparum pre-erythrocytic stage vaccine development. <i>Malaria Journal</i> , 2020, 19, 56.	0.8	36
18	p- <i>tert</i> -Methoxyphenol: A potent and effective scavenger for solid-phase peptide synthesis. <i>Journal of Peptide Science</i> , 2020, 26, e3251.	0.8	1

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19	Evaluating the immunogenicity of chemically-synthesised peptides derived from foot-and-mouth disease VP1, VP2 and VP3 proteins as vaccine candidates. <i>Vaccine</i> , 2020, 38, 3942-3951.	1.7	6
20	Malaria: Paving the way to developing peptide-based vaccines against invasion in infectious diseases. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 1021-1026.	1.0	5
21	Designing and optimizing new antimicrobial peptides: all targets are not the same. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 351-373.	2.7	35
22	Using next-generation sequencing for characterising HLA-DRB1 and DQB1 loci in a cohort of Colombian women. <i>Hla</i> , 2019, 94, 425-434.	0.4	1
23	Specific Binding Peptides from Rv3632: A Strategy for Blocking Mycobacterium tuberculosis Entry to Target Cells?. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	3
24	Behavior and abundance of Anopheles darlingi in communities living in the Colombian Amazon riverside. <i>PLoS ONE</i> , 2019, 14, e0213335.	1.1	9
25	Assessing Peptide Binding to MHC II: An Accurate Semiempirical Quantum Mechanics Based Proposal. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 5148-5160.	2.5	5
26	Plasmodium falciparum Blood Stage Antimalarial Vaccines: An Analysis of Ongoing Clinical Trials and New Perspectives Related to Synthetic Vaccines. <i>Frontiers in Microbiology</i> , 2019, 10, 2712.	1.5	17
27	Preliminary Evaluation of the Safety and Immunogenicity of an Antimalarial Vaccine Candidate Modified Peptide (IMPIPS) Mixture in a Murine Model. <i>Journal of Immunology Research</i> , 2019, 2019, 1-12.	0.9	2
28	Micro-epidemiology of mixed-species malaria infections in a rural population living in the Colombian Amazon region. <i>Scientific Reports</i> , 2018, 8, 5543.	1.6	19
29	Towards designing a synthetic antituberculosis vaccine: The Rv3587c peptide inhibits mycobacterial entry to host cells. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2401-2409.	1.4	13
30	Simultaneous detection of Plasmodium vivax dhfr, dhps, mdr1 and crt-o resistance-associated mutations in the Colombian Amazonian region. <i>Malaria Journal</i> , 2018, 17, 130.	0.8	12
31	Synthetic Evaluation of Standard and Microwave-Assisted Solid Phase Peptide Synthesis of a Long Chimeric Peptide Derived from Four Plasmodium falciparum Proteins. <i>Molecules</i> , 2018, 23, 2877.	1.7	9
32	The in Vitro Antigenicity of Plasmodium vivax Rhoptry Neck Protein 2 (PvRON2) B- and T-Epitopes Selected by HLA-DRB1 Binding Profile. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 156.	1.8	9
33	Mycobacterium tuberculosis H37Rv LpqG Protein Peptides Can Inhibit Mycobacterial Entry through Specific Interactions. <i>Molecules</i> , 2018, 23, 526.	1.7	5
34	Specific $\beta$ -Turns Precede PPIIL Structures Binding to Allele-Specific HLA-DR $\beta$ 1* PBRs in Fully-Protective Malaria Vaccine Components. <i>Frontiers in Chemistry</i> , 2018, 6, 106.	1.8	3
35	Association of HIV status with infection by multiple HPV types. <i>Tropical Medicine and International Health</i> , 2018, 23, 1259-1268.	1.0	15
36	The role of pi-interactions and hydrogen bonds in fully protective synthetic malaria vaccine development. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 501-507.	1.0	12

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37	Functionally relevant proteins in <i>Plasmodium falciparum</i> host cell invasion. <i>Immunotherapy</i> , 2017, 9, 131-155.	1.0	14
38	Identifying and characterising PPE7 (Rv0354c) high activity binding peptides and their role in inhibiting cell invasion. <i>Molecular and Cellular Biochemistry</i> , 2017, 430, 149-160.	1.4	6
39	Multiple high-risk HPV genotypes are grouped by type and are associated with viral load and risk factors. <i>Epidemiology and Infection</i> , 2017, 145, 1479-1490.	1.0	11
40	Critical role of HLA-DR <sup>2</sup> * binding peptides' peripheral flanking residues in fully-protective malaria vaccine development. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 339-345.	1.0	6
41	Semi-empirical quantum evaluation of peptide " MHC class II binding. <i>Chemical Physics Letters</i> , 2017, 668, 29-34.	1.2	12
42	Mass & secondary structure propensity of amino acids explain their mutability and evolutionary replacements. <i>Scientific Reports</i> , 2017, 7, 7717.	1.6	7
43	Structural analysis of owl monkey MHC-DR shows that fully-protective malaria vaccine components can be readily used in humans. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 1062-1069.	1.0	20
44	A Large Size Chimeric Highly Immunogenic Peptide Presents Multistage <i>Plasmodium</i> Antigens as a Vaccine Candidate System against Malaria. <i>Molecules</i> , 2017, 22, 1837.	1.7	4
45	Conserved Binding Regions Provide the Clue for Peptide-Based Vaccine Development: A Chemical Perspective. <i>Molecules</i> , 2017, 22, 2199.	1.7	9
46	Far from the Madding Crowd: the Molecular Basis for Immunological Escape of <i>Plasmodium falciparum</i> . <i>Current Issues in Molecular Biology</i> , 2017, 22, 65-78.	1.0	7
47	A New Synthetic Peptide Having Two Target of Antibacterial Action in <i>E. coli</i> ML35. <i>Frontiers in Microbiology</i> , 2016, 7, 2006.	1.5	18
48	The Prevalence of High-Risk HPV Types and Factors Determining Infection in Female Colombian Adolescents. <i>PLoS ONE</i> , 2016, 11, e0166502.	1.1	14
49	<i>Plasmodium malariae</i> in the Colombian Amazon region: you don't diagnose what you don't suspect. <i>Malaria Journal</i> , 2016, 15, 576.	0.8	20
50	How frequently do clusters occur in hierarchical clustering analysis? A graph theoretical approach to studying ties in proximity. <i>Journal of Cheminformatics</i> , 2016, 8, 4.	2.8	11
51	Cell-Peptide Specific Interaction Can Inhibit <i>Mycobacterium tuberculosis</i> H37Rv Infection. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 946-958.	1.2	6
52	TCR-contacting residues orientation and HLA-DR <sup>2</sup> * binding preference determine long-lasting protective immunity against malaria. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 654-660.	1.0	7
53	<i>Mycobacterium tuberculosis</i> PE9 protein has high activity binding peptides which inhibit target cell invasion. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 646-655.	3.6	5
54	<i>Chlamydia trachomatis</i> Frequency in a Cohort of HPV-Infected Colombian Women. <i>PLoS ONE</i> , 2016, 11, e0147504.	1.1	12

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55	High Plasmodium malariae Prevalence in an Endemic Area of the Colombian Amazon Region. PLoS ONE, 2016, 11, e0159968.	1.1	31
56	The Malaria Parasite's Achilles' Heel: Functionally-relevant Invasion Structures. Current Issues in Molecular Biology, 2016, 18, 11-9.	1.0	5
57	Malaria Parasite Survival Depends on Conserved Binding Peptides' Critical Biological Functions. Current Issues in Molecular Biology, 2016, 18, 57-78.	1.0	11
58	Immune protection-inducing protein structures (IMPIPS) against malaria: the weapons needed for beating Odysseus. Vaccine, 2015, 33, 7525-7537.	1.7	14
59	IMPIPS: The Immune Protection-Inducing Protein Structure Concept in the Search for Steric-Electron and Topochemical Principles for Complete Fully-Protective Chemically Synthesised Vaccine Development. PLoS ONE, 2015, 10, e0123249.	1.1	25
60	Bacterial Genotoxins Promote Inside-Out Integrin $\beta$ 1 Activation, Formation of Focal Adhesion Complexes and Cell Spreading. PLoS ONE, 2015, 10, e0124119.	1.1	13
61	Recent advances in the development of a chemically synthesised anti-malarial vaccine. Expert Opinion on Biological Therapy, 2015, 15, 1567-1581.	1.4	13
62	The DNA load of six high-risk human papillomavirus types and its association with cervical lesions. BMC Cancer, 2015, 15, 100.	1.1	36
63	Mce4F Mycobacterium tuberculosis protein peptides can inhibit invasion of human cell lines. Pathogens and Disease, 2015, 73, .	0.8	17
64	Using the PfEMP1 Head Structure Binding Motif to Deal a Blow at Severe Malaria. PLoS ONE, 2014, 9, e88420.	1.1	8
65	Characterising a Microsatellite for DRB Typing in Aotus vociferans and Aotus nancymae (Platyrrhini). PLoS ONE, 2014, 9, e96973.	1.1	15
66	Cationic Peptides Harboring Antibiotic Capacity is Selective for Leishmania Panamensis and Leishmania Major. Journal of Microbial & Biochemical Technology, 2014, 06, .	0.2	3
67	Gauche+ side-chain orientation as a key factor in the search for an immunogenic peptide mixture leading to a complete fully protective vaccine. Vaccine, 2014, 32, 2117-2126.	1.7	20
68	Plasmodium falciparum rhoptry neck protein 5 peptides bind to human red blood cells and inhibit parasite invasion. Peptides, 2014, 53, 210-217.	1.2	9
69	Specific Interaction between Mycobacterium tuberculosis Lipoprotein-derived Peptides and Target Cells Inhibits Mycobacterial Entry In Vitro. Chemical Biology and Drug Design, 2014, 84, 626-641.	1.5	16
70	Protecting capacity against malaria of chemically defined tetramer forms based on the Plasmodium falciparum apical sushi protein as potential vaccine components. Biochemical and Biophysical Research Communications, 2014, 451, 15-23.	1.0	5
71	Persistence, clearance and reinfection regarding six high risk human papillomavirus types in Colombian women: a follow-up study. BMC Infectious Diseases, 2014, 14, 395.	1.3	18
72	Human papillomavirus detection in women with and without human immunodeficiency virus infection in Colombia. BMC Cancer, 2014, 14, 451.	1.1	14

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73	Functional, biochemical and 3D studies of <i>Mycobacterium tuberculosis</i> protein peptides for an effective anti-tuberculosis vaccine. <i>Critical Reviews in Microbiology</i> , 2014, 40, 117-145.	2.7	14
74	Towards a Poly-Functional Synthetic-Antimalarial Vaccine: Incorporating Non-Natural Elements into Artificially-Made Peptides for Mimicking Functional Pathogen Ligand Structures Representing New Site-Directed Vaccine Components. <i>Current Immunology Reviews</i> , 2014, 9, 261-275.	1.2	0
75	Rv1268c protein peptide inhibiting <i>Mycobacterium tuberculosis</i> H37Rv entry to target cells. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6650-6656.	1.4	6
76	Redefining an epitope of a malaria vaccine candidate, with antibodies against the N-terminal MSA-2 antigen of <i>Plasmodium</i> harboring non-natural peptide bonds. <i>Amino Acids</i> , 2013, 45, 913-935.	1.2	3
77	Classical Molecular Tests Using Urine Samples as a Potential Screening Tool for Human Papillomavirus Detection in Human Immunodeficiency Virus-Infected Women. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3688-3693.	1.8	8
78	The GPI-anchored 6-Cys Protein Pv12 is Present in Detergent-resistant Microdomains of <i>Plasmodium vivax</i> Blood Stage Schizonts. <i>Protist</i> , 2013, 164, 37-48.	0.6	19
79	Rh1 high activity binding peptides inhibit high percentages of <i>Plasmodium falciparum</i> FVO strain invasion. <i>Vaccine</i> , 2013, 31, 1830-1837.	1.7	8
80	Human Papillomavirus Detection from Human Immunodeficiency Virus-Infected Colombian Women's Paired Urine and Cervical Samples. <i>PLoS ONE</i> , 2013, 8, e56509.	1.1	13
81	Identification and Diversity of Killer Cell Ig-Like Receptors in <i>Aotus vociferans</i> , a New World Monkey. <i>PLoS ONE</i> , 2013, 8, e79731.	1.1	9
82	The role of <i>Mycobacterium tuberculosis</i> Rv3166c protein-derived high-activity binding peptides in inhibiting invasion of human cell lines. <i>Protein Engineering, Design and Selection</i> , 2012, 25, 235-242.	1.0	8
83	Towards the development of a fully protective <i>Plasmodium falciparum</i> antimalarial vaccine. <i>Expert Review of Vaccines</i> , 2012, 11, 1057-1070.	2.0	11
84	A single amino acid change in the <i>Plasmodium falciparum</i> RH5 (PfRH5) human RBC binding sequence modifies its structure and determines species-specific binding activity. <i>Vaccine</i> , 2012, 30, 637-646.	1.7	17
85	The diagnostic performance of classical molecular tests used for detecting human papillomavirus. <i>Journal of Virological Methods</i> , 2012, 185, 32-38.	1.0	15
86	The role of amino acid electron-donor/acceptor atoms in host-cell binding peptides is associated with their 3D structure and HLA-binding capacity in sterile malarial immunity induction. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 938-944.	1.0	4
87	Steric and electronic effects in malarial peptides inducing sterile immunity. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 857-862.	1.0	8
88	The high immunogenicity induced by modified sporozoites™ malarial peptides depends on their phi (̑) and psi (̒) angles. <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 81-86.	1.0	13
89	Phi (̑) and psi (̒) angles involved in malarial peptide bonds determine sterile protective immunity. <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 75-80.	1.0	17
90	<i>Mycobacterium tuberculosis</i> surface protein Rv0227c contains high activity binding peptides which inhibit cell invasion. <i>Peptides</i> , 2012, 38, 208-216.	1.2	9

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91	Peptides derived from Mycobacterium tuberculosis Rv2301 protein are involved in invasion to human epithelial cells and macrophages. <i>Amino Acids</i> , 2012, 42, 2067-2077.	1.2	12
92	Decreasing the configurational entropy and the hydrophobicity of EBV-derived peptide 11389 increased its antigenicity, immunogenicity and its ability of inducing IL-6. <i>Amino Acids</i> , 2012, 42, 2165-2175.	1.2	1
93	Protective immunity provided by a new modified SERA protein peptide: its immunogenetic characteristics and correlation with 3D structure. <i>Amino Acids</i> , 2012, 43, 183-194.	1.2	6
94	Binding activity, structure, and immunogenicity of synthetic peptides derived from Plasmodium falciparum CelTOS and TRSP proteins. <i>Amino Acids</i> , 2012, 43, 365-378.	1.2	7
95	Structural and Immunological Principles Leading to Chemically Synthesized, Multiantigenic, Multistage, Minimal Subunit-Based Vaccine Development. <i>Chemical Reviews</i> , 2011, 111, 3459-3507.	23.0	93
96	Frequency of Human Papillomavirus Infection, Coinfection, and Association with Different Risk Factors in Colombia. <i>Annals of Epidemiology</i> , 2011, 21, 204-213.	0.9	22
97	Characterisation and comparative analysis of MHC-DPA1 exon 2 in the owl monkey ( <i>Aotus nancymaae</i> ). <i>Gene</i> , 2011, 470, 37-45.	1.0	9
98	Identification of the Plasmodium falciparum rhoptry neck protein 5 (PFRON5). <i>Gene</i> , 2011, 474, 22-28.	1.0	19
99	Electrostatic potential as a tool to understand interactions between malaria vaccine candidate peptides and MHC II molecules. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 410-415.	1.0	1
100	3D structure and immunogenicity of Plasmodium falciparum sporozoite induced associated protein peptides as components of fully-protective anti-malarial vaccine. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 349-355.	1.0	7
101	The Mycobacterium tuberculosis membrane protein Rv0180c: Evaluation of peptide sequences implicated in mycobacterial invasion of two human cell lines. <i>Peptides</i> , 2011, 32, 1-10.	1.2	17
102	Biological and structural characteristics of the binding peptides from the sporozoite proteins essential for cell traversal (SPECT)-1 and -2. <i>Peptides</i> , 2011, 32, 154-160.	1.2	12
103	Synthetic peptides from two Pf sporozoite invasion-associated proteins specifically interact with HeLa and HepG2 cells. <i>Peptides</i> , 2011, 32, 1902-1908.	1.2	10
104	Detection by PCR of human papillomavirus in Colombia: Comparison of GP5+/6+ and MY09/11 primer sets. <i>Journal of Virological Methods</i> , 2011, 178, 68-74.	1.0	35
105	Distribution Patterns of Infection with Multiple Types of Human Papillomaviruses and Their Association with Risk Factors. <i>PLoS ONE</i> , 2011, 6, e14705.	1.1	42
106	A New Approach to Obtaining N-protected C-terminal Amino Acid Aldehydes from Asparagine and Glutamine for Reduced Amide Pseudopeptide Solid-Phase Synthesis. <i>Chemical Biology and Drug Design</i> , 2011, 78, 603-611.	1.5	2
107	Protection against malaria is conferred by passive transferring rabbit F(ab)2 antibody fragments, induced by Plasmodium falciparum MSP-1 site-directed designed pseudopeptide-BSA conjugates assessed in a rodent model. <i>Molecular Immunology</i> , 2011, 48, 657-669.	1.0	1
108	NClassG+: A classifier for non-classically secreted Gram-positive bacterial proteins. <i>BMC Bioinformatics</i> , 2011, 12, 21.	1.2	28

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109	Enhancing immunogenicity to PLGA microparticulate systems by incorporation of alginate and RGD-modified alginate. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 32-40.	1.9	48
110	Molecular modeling and in silico characterization of Mycobacterium tuberculosis TlyA: Possible misannotation of this tubercle bacilli-hemolysin. <i>BMC Structural Biology</i> , 2011, 11, 16.	2.3	28
111	Identification, characterization and antigenicity of the Plasmodium vivax rhoptry neck protein 1 (PvRON1). <i>Malaria Journal</i> , 2011, 10, 314.	0.8	19
112	Functional, Immunological and Three-Dimensional Analysis of Chemically Synthesised Sporozoite Peptides as Components of a Fully-Effective Antimalarial Vaccine. <i>Current Medicinal Chemistry</i> , 2011, 18, 4470-4502.	1.2	25
113	Anti-Group A Streptococcal Vaccine Epitope. <i>Journal of Biological Chemistry</i> , 2011, 286, 6989-6998.	1.6	25
114	Identification of Plasmodium vivax Proteins with Potential Role in Invasion Using Sequence Redundancy Reduction and Profile Hidden Markov Models. <i>PLoS ONE</i> , 2011, 6, e25189.	1.1	10
115	Quantum Chemical Analysis of MHC-Peptide Interactions for Vaccine Design. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 746-758.	1.1	18
116	Fine mapping of Plasmodium falciparum ribosomal phosphoprotein PfPO revealed sequences with highly specific binding activity to human red blood cells. <i>Journal of Molecular Medicine</i> , 2010, 88, 61-74.	1.7	3
117	Î±-Helix peptides designed from EBV-gH protein display higher antigenicity and induction of monocyte apoptosis than the native peptide. <i>Amino Acids</i> , 2010, 39, 1507-1519.	1.2	0
118	Atomic fidelity of subunit-based chemically-synthesized antimalarial vaccine components. <i>Progress in Biophysics and Molecular Biology</i> , 2010, 102, 38-44.	1.4	14
119	Mycobacterium tuberculosis Rv0679c protein sequences involved in host-cell infection: Potential TB vaccine candidate antigen. <i>BMC Microbiology</i> , 2010, 10, 109.	1.3	22
120	Conserved regions from Plasmodium falciparum MSP11 specifically interact with host cells and have a potential role during merozoite invasion of red blood cells. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 882-892.	1.2	2
121	3D Analysis of the TCR/pMHCII Complex Formation in Monkeys Vaccinated with the First Peptide Inducing Sterilizing Immunity against Human Malaria. <i>PLoS ONE</i> , 2010, 5, e9771.	1.1	25
122	Peptides from the Mycobacterium tuberculosis Rv1980c protein involved in human cell infection: insights into new synthetic subunit vaccine candidates. <i>Biological Chemistry</i> , 2010, 391, 207-217.	1.2	8
123	Computational Prediction and Experimental Assessment of Secreted/Surface Proteins from Mycobacterium tuberculosis H37Rv. <i>PLoS Computational Biology</i> , 2010, 6, e1000824.	1.5	45
124	Comparison of the adjuvanticity of two different delivery systems on the induction of humoral and cellular responses to synthetic peptides. <i>Drug Delivery</i> , 2010, 17, 490-499.	2.5	16
125	Well-Defined Regions of the Plasmodium falciparum Reticulocyte Binding Protein Homologue 4 Mediate Interaction with Red Blood Cell Membrane. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 811-821.	2.9	7
126	Atomic evidence that modification of H-bonds established with amino acids critical for host-cell binding induces sterile immunity against malaria. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 529-535.	1.0	17



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127	Conserved high activity binding peptides from the Plasmodium falciparum Pf34 rophtry protein inhibit merozoites in vitro invasion of red blood cells. Peptides, 2010, 31, 1987-1994.	1.2	13
128	Conserved regions of the Plasmodium falciparum rophtry-associated protein 3 mediate specific host-pathogen interactions during invasion of red blood cells. Peptides, 2010, 31, 2165-2172.	1.2	4
129	Sequences of the Plasmodium falciparum cytoadherence-linked asexual protein 9 implicated in malaria parasite invasion to erythrocytes. Vaccine, 2010, 28, 2653-2663.	1.7	7
130	3D structure determination of STARP peptides implicated in P. falciparum invasion of hepatic cells. Vaccine, 2010, 28, 4989-4996.	1.7	8
131	Conserved High Activity Binding Peptides are Involved in Adhesion of Two Detergent-Resistant Membrane-Associated Merozoite Proteins to Red Blood Cells during Invasion. Journal of Medicinal Chemistry, 2010, 53, 3907-3918.	2.9	12
132	Development of Designed Site-Directed Pseudopeptide-Peptido-Mimetic Immunogens as Novel Minimal Subunit-Vaccine Candidates for Malaria. Molecules, 2010, 15, 8856-8889.	1.7	6
133	Validating subcellular localization prediction tools with mycobacterial proteins. BMC Bioinformatics, 2009, 10, 134.	1.2	31
134	Prevalence of infection with high-risk human papillomavirus in women in Colombia. Clinical Microbiology and Infection, 2009, 15, 100-102.	2.8	11
135	Structural characteristics of immunogenic liver-stage antigens derived from P. falciparum malarial proteins. Biochemical and Biophysical Research Communications, 2009, 384, 455-460.	1.0	9
136	Identification of conserved erythrocyte binding regions in members of the Plasmodium falciparum Cys6 lipid raft-associated protein family. Vaccine, 2009, 27, 3953-3962.	1.7	28
137	Synthetic peptides from conserved regions of the Plasmodium falciparum early transcribed membrane and ring exported proteins bind specifically to red blood cell proteins. Vaccine, 2009, 27, 6877-6886.	1.7	8
138	Passive transfer of Plasmodium falciparum MSP-2 pseudopeptide-induced antibodies efficiently controlled parasitemia in Plasmodium berghei-infected mice. Peptides, 2009, 30, 330-342.	1.2	3
139	A C-terminal cationic fragment derived from an arginine-rich peptide exhibits in vitro antibacterial and anti-plasmodial activities governed by its secondary structure properties. Peptides, 2009, 30, 2150-2160.	1.2	8
140	A Maurer's cleft-associated Plasmodium falciparum membrane-associated histidine-rich protein peptide specifically interacts with the erythrocyte membrane. Biochemical and Biophysical Research Communications, 2009, 380, 122-126.	1.0	6
141	Prevalence of HPV-DNA and Anti-HPV Antibodies in Women From Girardot, Colombia. Sexually Transmitted Diseases, 2009, 36, 290-296.	0.8	7
142	Nucleic-acid-binding properties of the C2-L1Tc nucleic acid chaperone encoded by L1Tc retrotransposon. Biochemical Journal, 2009, 424, 479-490.	1.7	10
143	Variations in the Electrostatic Landscape of Class II Human Leukocyte Antigen Molecule Induced by Modifications in the Myelin Basic Protein Peptide: A Theoretical Approach. PLoS ONE, 2009, 4, e4164.	1.1	6
144	Novel Chimeric Peptide Inhibits Protein Kinase C and Induces Apoptosis in Human Immune Cells. International Journal of Peptide Research and Therapeutics, 2008, 14, 64-74.	0.9	4

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145	Characterizing the <i>Mycobacterium tuberculosis</i> Rv2707 protein and determining its sequences which specifically bind to two human cell lines. <i>Protein Science</i> , 2008, 17, 342-351.	3.1	14
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