Mauro Bombaci

List of Publications by Year
in descending order

35	1,195	471509 17	477307 29
papers	citations	h-index	g-index

39	39	39	1852
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Streptococcus pyogenes pili promote pharyngeal cell adhesion and biofilm formation. Molecular Microbiology, 2007, 64, 968-983.	2.5	206
2	MyD88 and TLR2, but not TLR4, are required for host defense againstCryptococcus neoformans. European Journal of Immunology, 2005, 35, 870-878.	2.9	139
3	Multi High-Throughput Approach for Highly Selective Identification of Vaccine Candidates: the Group A Streptococcus Case. Molecular and Cellular Proteomics, 2012, 11, M111.015693.	3.8	115
4	Integrated longitudinal immunophenotypic, transcriptional, and repertoire analyses delineate immune responses in patients with COVID-19. Science Immunology, 2021, 6, .	11.9	108
5	CombiROC: an interactive web tool for selecting accurate marker combinations of omics data. Scientific Reports, 2017, 7, 45477.	3.3	80
6	Protein Array Profiling of Tic Patient Sera Reveals a Broad Range and Enhanced Immune Response against Group A Streptococcus Antigens. PLoS ONE, 2009, 4, e6332.	2.5	60
7	Capturing hostâ€pathogen interactions by protein microarrays: identification of novel streptococcal proteins binding to human fibronectin, fibrinogen, and C4BP. FASEB Journal, 2009, 23, 3100-3112.	0.5	47
8	RACK1 Specifically Regulates Translation through Its Binding to Ribosomes. Molecular and Cellular Biology, 2018, 38, .	2.3	47
9	Identification and Cloning of a Cryptococcal Deacetylase That Produces Protective Immune Responses. Infection and Immunity, 2002, 70, 2383-2391.	2.2	47
10	Characterization of Two Novel Cryptococcal Mannoproteins Recognized by Immune Sera. Infection and Immunity, 2005, 73, 7348-7355.	2.2	39
11	Identification of New Autoantigens by Protein Array Indicates a Role for IL4 Neutralization in Autoimmune Hepatitis. Molecular and Cellular Proteomics, 2012, 11, 1885-1897.	3.8	38
12	Exosomes Recovered From the Plasma of COVID-19 Patients Expose SARS-CoV-2 Spike-Derived Fragments and Contribute to the Adaptive Immune Response. Frontiers in Immunology, 2021, 12, 785941.	4.8	38
13	Evidence for a pathogenic role of extrafollicular, IL-10â€“producing CCR6 ⁺ B helper T cells in systemic lupus erythematosus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7305-7316.	7.1	35
14	Insights into kinetics, release, and behavioral effects of brain-targeted hybrid nanoparticles for cholesterol delivery in Huntington's disease. Journal of Controlled Release, 2021, 330, 587-598.	9.9	33
15	Enhancing Antibody Serodiagnosis Using a Controlled Peptide Coimmobilization Strategy. ACS Infectious Diseases, 2018, 4, 998-1006.	3.8	25
16	Identification of major proteins secreted byCryptococcus neoformans. FEMS Yeast Research, 2006, 6, 645-651.	2.3	23
17	Induction of T Helper Type 1 Responses by a Polysaccharide Deacetylase from Cryptococcus neoformans. Infection and Immunity, 2003, 71, 5412-5417.	2.2	22
18	A Structurally Simple Vaccine Candidate Reduces Progression and Dissemination of Triple-Negative Breast Cancer. IScience, 2020, 23, 101250.	4.1	14

#	Article	IF	Citations
19	ADAM10 hyperactivation acts on piccolo to deplete synaptic vesicle stores in Huntingtonâ€™s disease. Human Molecular Genetics, 2021, 30, 1175-1187.	2.9	11
20	Novel biomarkers for primary biliary cholangitis to improve diagnosis and understand underlying regulatory mechanisms. Liver International, 2019, 39, 2124-2135.	3.9	10
21	Surface Interactome in Streptococcus pyogenes. Molecular and Cellular Proteomics, 2012, 11, M111.015206.	3.8	9
22	Two of Them Do It Better: Novel Serum Biomarkers Improve Autoimmune Hepatitis Diagnosis. PLoS ONE, 2015, 10, e0137927.	2.5	9
23	TCTN2: a novel tumor marker with oncogenic properties. Oncotarget, 2017, 8, 95256-95269.	1.8	9
24	Synthetic carbohydrate-binding agents neutralize SARS-CoV-2 by inhibiting binding of the spike protein to ACE2. IScience, 2022, 25, 104239.	4.1	7
25	Computation and Selection of Optimal Biomarker Combinations by Integrative ROC Analysis Using CombiROC. Methods in Molecular Biology, 2019, 1959, 247-259.	0.9	6
26	Lack of evidence for post-vaccine onset of autoimmune/lymphoproliferative disorders, during a nine-month follow-up in multiply vaccinated Italian military personnel. Clinical Immunology, 2017, 181, 60-66.	3.2	5
27	Structure, Immunoreactivity, and In Silico Epitope Determination of SmSPI S. mansoni Serpin for Immunodiagnostic Application. Vaccines, 2021, 9, 322.	4.4	4
28	The Impact of Anti-rheumatic Drugs on the Seroprevalence of Anti-SARS-CoV-2 Antibodies in a Cohort of Patients With Inflammatory Arthritis: The MAINSTREAM Study. Frontiers in Medicine, 2022, 9, 850858.	2.6	3
29	A09â€…ADAM10 activity at the huntingtonâ€™s disease presynapse. , 2021, , .		1
30	I07â€…A new generation of brain-targeted nanoparticles for cholesterol delivery in huntingtonâ€™s disease: kinetics, drug release and behavioral effects in mouse models. , 2021, , .		0
31	A multivariate analysis of protein microarrays for signature selection profiles. EMBnet Journal, 2012, 18, 124.	0.6	0
32	Abstract 2829: A novel candidate for immunotherapy mediating the balance between the immune system and cancer. , 2020, , .		0
33	Synthetic Carbohydrate Binding Agents (CBAs) Prevent SARS-CoV-2 Entry by Inhibiting Binding of the Spike Protein to the ACE2 Receptor. SSRN Electronic Journal, 0, , .	0.4	0
34	Elucidating the 3D Structure of a Surface Membrane Antigen from Trypanosoma cruzi as a Serodiagnostic Biomarker of Chagas Disease. Vaccines, 2022, 10, 71.	4.4	0
35	Immunosuppressant Treatment in Rheumatic Musculoskeletal Diseases Does Not Inhibit Elicitation of Humoral Response to SARS-CoV-2 Infection and Preserves Effector Immune Cell Populations. Frontiers in Immunology, 0, 13, .	4.8	0