

Ugo D'Oro

List of Publications by Year in descending order

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47
papers

3,061
citations

172457

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all docs

48
docs citations

48
times ranked

4795
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Natural Killer Cells through Engagement of CD81 by the Major Hepatitis C Virus Envelope Protein. <i>Journal of Experimental Medicine</i> , 2002, 195, 35-42.	8.5	420
2	Reverse vaccinology 2.0: Human immunology instructs vaccine antigen design. <i>Journal of Experimental Medicine</i> , 2016, 213, 469-481.	8.5	299
3	Activation of naive B lymphocytes via CD81, a pathogenetic mechanism for hepatitis C virus-associated B lymphocyte disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18544-18549.	7.1	266
4	Rational design of small molecules as vaccine adjuvants. <i>Science Translational Medicine</i> , 2014, 6, 263ra160.	12.4	153
5	Adjuvanticity of the oil-in-water emulsion MF59 is independent of Nlrp3 inflammasome but requires the adaptor protein MyD88. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11169-11174.	7.1	149
6	Activation of the Lck Tyrosine Kinase Targets Cell Surface T Cell Antigen Receptors for Lysosomal Degradation. <i>Immunity</i> , 1997, 7, 619-628.	14.3	126
7	Immunology of TLR-independent vaccine adjuvants. <i>Current Opinion in Immunology</i> , 2009, 21, 339-345.	5.5	107
8	Genotoxic stress modulates the release of exosomes from multiple myeloma cells capable of activating NK cell cytokine production: Role of HSP70/TLR2/NF-kB axis. <i>Oncotarget</i> , 2017, 6, e1279372.	4.6	100
9	Exosome-delivered microRNAs promote IFN- γ secretion by human plasmacytoid DCs via TLR7. <i>JCI Insight</i> , 2018, 3, .	5.0	96
10	CD45 and Src-family kinases: and now for something completely different. <i>Trends in Immunology</i> , 1999, 20, 412-416.	7.5	86
11	Modulation of Endotoxicity of Shigella Generalized Modules for Membrane Antigens (GMMA) by Genetic Lipid A Modifications. <i>Journal of Biological Chemistry</i> , 2014, 289, 24922-24935.	3.4	77
12	Regulation of Constitutive TCR Internalization by the ζ -Chain. <i>Journal of Immunology</i> , 2002, 169, 6269-6278.	0.8	76
13	Activation of src-family tyrosine kinases by LPS regulates cytokine production in dendritic cells by controlling AP-1 formation. <i>European Journal of Immunology</i> , 2003, 33, 2832-2841.	2.9	60
14	CD8 ⁺ T cell priming upon mRNA vaccination is restricted to bone marrow-derived antigen-presenting cells and may involve antigen transfer from myocytes. <i>Immunology</i> , 2015, 146, 312-326.	4.4	60
15	Differential IL-17 Production and Mannan Recognition Contribute to Fungal Pathogenicity and Commensalism. <i>Journal of Immunology</i> , 2010, 184, 4258-4268.	0.8	59
16	Development and Application of a Novel SPE-Method for Bioassay-Guided Fractionation of Marine Extracts. <i>Marine Drugs</i> , 2015, 13, 5736-5749.	4.6	59
17	T cell costimulation by the hepatitis C virus envelope protein E2 binding to CD81 is mediated by Lck. <i>European Journal of Immunology</i> , 2003, 33, 455-464.	2.9	57
18	Vaccine Adjuvant MF59 Promotes Retention of Unprocessed Antigen in Lymph Node Macrophage Compartments and Follicular Dendritic Cells. <i>Journal of Immunology</i> , 2015, 194, 1717-1725.	0.8	54

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19	The Human Pathogen <i>Streptococcus pyogenes</i> Releases Lipoproteins as Lipoprotein-rich Membrane Vesicles. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2138-2149.	3.8	51
20	Optimizing anti-CD3 affinity for effective T cell targeting against tumor cells. <i>European Journal of Immunology</i> , 2002, 32, 3102-3107.	2.9	50
21	Cyclic AMP Modulates the Functional Plasticity of Immature Dendritic Cells by Inhibiting Src-like Kinases through Protein Kinase A-mediated Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 32507-32514.	3.4	46
22	Introduction of Zwitterionic Motifs into Bacterial Polysaccharides Generates TLR2 Agonists Able to Activate APCs. <i>Journal of Immunology</i> , 2007, 179, 8208-8215.	0.8	46
23	Addition of a TLR7 agonist to an acellular pertussis vaccine enhances Th1 and Th17 responses and protective immunity in a mouse model. <i>Vaccine</i> , 2017, 35, 5256-5263.	3.8	46
24	Novel adjuvant Alum-TLR7 significantly potentiates immune response to glycoconjugate vaccines. <i>Scientific Reports</i> , 2016, 6, 29063.	3.3	45
25	Incorporation of Phosphonate into Benzonaphthyridine Toll-like Receptor 7 Agonists for Adsorption to Aluminum Hydroxide. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5868-5878.	6.4	38
26	Genetically detoxified pertussis toxin (PT-9K/129G): implications for immunization and vaccines. <i>Expert Review of Vaccines</i> , 2014, 13, 1191-1204.	4.4	36
27	Vaccine adjuvant MF59 promotes the intranodal differentiation of antigen-loaded and activated monocyte-derived dendritic cells. <i>PLoS ONE</i> , 2017, 12, e0185843.	2.5	36
28	Design of a novel vaccine nanotechnology-based delivery system comprising CpGODN-protein conjugate anchored to liposomes. <i>Journal of Controlled Release</i> , 2020, 323, 125-137.	9.9	36
29	Antibody avidity, persistence, and response to antigen recall: comparison of vaccine adjuvants. <i>Npj Vaccines</i> , 2021, 6, 78.	6.0	34
30	Vaccine Evolution and Its Application to Fight Modern Threats. <i>Frontiers in Immunology</i> , 2019, 10, 1722.	4.8	32
31	A Point Mutation in the Amino Terminus of TLR7 Abolishes Signaling without Affecting Ligand Binding. <i>Journal of Immunology</i> , 2011, 186, 4213-4222.	0.8	25
32	A new TLR2 agonist promotes cross-presentation by mouse and human antigen presenting cells. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2038-2050.	3.3	24
33	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. <i>Immunome Research</i> , 2010, 6, 10.	0.1	23
34	The adjuvant effect of TLR7 agonist conjugated to a meningococcal serogroup C glycoconjugate vaccine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 110-119.	4.3	20
35	Alum/Toll-Like Receptor 7 Adjuvant Enhances the Expansion of Memory B Cell Compartment Within the Draining Lymph Node. <i>Frontiers in Immunology</i> , 2018, 9, 641.	4.8	20
36	Adjuvant effect of TLR7 agonist adsorbed on aluminum hydroxide (AS37): A phase I randomized, dose escalation study of an AS37-adjuvanted meningococcal C conjugated vaccine. <i>Clinical Immunology</i> , 2019, 209, 108275.	3.2	18

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37	Co-administration of GM-CSF expressing RNA is a powerful tool to enhance potency of SAM-based vaccines. <i>Vaccine</i> , 2019, 37, 4204-4213.	3.8	18
38	Src Kinases Are Required for a Balanced Production of IL-12/IL-23 in Human Dendritic Cells Activated by Toll-Like Receptor Agonists. <i>PLoS ONE</i> , 2010, 5, e11491.	2.5	17
39	The potential of adjuvants to improve immune responses against Tdap vaccines: A preclinical evaluation of MF59 and monophosphoryl lipid A. <i>International Journal of Pharmaceutics</i> , 2015, 492, 169-176.	5.2	15
40	HLA class II molecules on monocytes regulate T cell proliferation through physical interaction in the CD3 activation pathway. <i>European Journal of Immunology</i> , 1991, 21, 29-33.	2.9	13
41	Src Family Kinases Regulate Interferon Regulatory Factor 1 K63 Ubiquitination following Activation by TLR7/8 Vaccine Adjuvant in Human Monocytes and B Cells. <i>Frontiers in Immunology</i> , 2018, 9, 330.	4.8	12
42	Mixed mucosal-parenteral immunizations with the broadly conserved pathogenic <i>Escherichia coli</i> antigen SslE induce a robust mucosal and systemic immunity without affecting the murine intestinal microbiota. <i>Vaccine</i> , 2019, 37, 314-324.	3.8	11
43	HLA class II molecules transduce accessory signals affecting the CD3 but not the interleukin-2 activation pathway in T blasts. <i>Human Immunology</i> , 1993, 38, 251-260.	2.4	9
44	Surface molecules on stimulated plasmacytoid dendritic cells are sufficient to cross-activate resting myeloid dendritic cells. <i>Human Immunology</i> , 2011, 72, 1018-1021.	2.4	7
45	Ultrastructural Visualization of Vaccine Adjuvant Uptake In Vitro and In Vivo. <i>Microscopy and Microanalysis</i> , 2015, 21, 791-795.	0.4	5
46	Modulation of CD45 tyrosine phosphatase activity by antigen. <i>European Journal of Immunology</i> , 2001, 31, 777-782.	2.9	4
47	Serafino Zappacosta: An Enlightened Mentor and Educator. <i>Frontiers in Immunology</i> , 2020, 11, 217.	4.8	1