Marc Pallardy

List of Publications by Year in descending order

53 papers	1,723 citations	257450 24 h-index	289244 40 g-index
55 all docs	55 docs citations	55 times ranked	2354 citing authors

#	Article	IF	Citations
1	HMOX1 and NQO1 Genes are Upregulated in Response to Contact Sensitizers in Dendritic Cells and THP-1 Cell Line: Role of the Keap1/Nrf2 Pathway. Toxicological Sciences, 2009, 107, 451-460.	3.1	126
2	Surface coating mediates the toxicity of polymeric nanoparticles towards human-like macrophages. International Journal of Pharmaceutics, 2015, 482, 75-83.	5.2	110
3	Nickel and DNCB Induce CCR7 Expression on Human Dendritic Cells Through Different Signalling Pathways: Role of TNF-Î± and MAPK. Journal of Investigative Dermatology, 2004, 123, 494-502.	0.7	107
4	Dendritic Cells as a Tool for the Predictive Identification of Skin Sensitisation Hazard. ATLA Alternatives To Laboratory Animals, 2005, 33, 47-62.	1.0	94
5	Biodegradable Nanoparticles Meet the Bronchial Airway Barrier: How Surface Properties Affect Their Interaction with Mucus and Epithelial Cells. Biomacromolecules, 2011, 12, 4136-4143.	5.4	91
6	Implication of the MAPK pathways in the maturation of human dendritic cells induced by nickel and TNF-?. Toxicology, 2005, 206, 233-244.	4.2	85
7	NF-ÎºB Plays a Major Role in the Maturation of Human Dendritic Cells Induced by NiSO4 but not by DNCB. Toxicological Sciences, 2007, 99, 488-501.	3.1	84
8	Standardizing terms, definitions and concepts for describing and interpreting unwanted immunogenicity of biopharmaceuticals: recommendations of the Innovative Medicines Initiative ABIRISK consortium. Clinical and Experimental Immunology, 2015, 181, 385-400.	2.6	72
9	Dendritic cells and skin sensitization: Biological roles and uses in hazard identification. Toxicology and Applied Pharmacology, 2007, 221, 384-394.	2.8	56
10	Nrf2 Involvement in Chemical-Induced Skin Innate Immunity. Frontiers in Immunology, 2019, 10, 1004.	4.8	47
11	Incidence and risk factors for adalimumab and infliximab anti-drug antibodies in rheumatoid arthritis: A European retrospective multicohort analysis. Seminars in Arthritis and Rheumatism, 2019, 48, 967-975.	3.4	46
12	Mechanisms of IL-12 Synthesis by Human Dendritic Cells Treated with the Chemical Sensitizer NiSO4. Journal of Immunology, 2010, 185, 89-98.	0.8	44
13	Occurrence of Anti-Drug Antibodies against Interferon-Beta and Natalizumab in Multiple Sclerosis: A Collaborative Cohort Analysis. PLoS ONE, 2016, 11, e0162752.	2.5	41
14	Reactivity of Chemical Sensitizers Toward Amino Acids In Cellulo Plays a Role in the Activation of the Nrf2-ARE Pathway in Human Monocyte Dendritic Cells and the THP-1 Cell Line. Toxicological Sciences, 2013, 133, 259-274.	3.1	39
15	Nickel Sulfate Promotes IL-17A Producing CD4+ T Cells by an IL-23-Dependent Mechanism Regulated by TLR4 and Jak-STAT Pathways. Journal of Investigative Dermatology, 2017, 137, 2140-2148.	0.7	39
16	Cutting Edge: Nrf2 Regulates Neutrophil Recruitment and Accumulation in Skin during Contact Hypersensitivity. Journal of Immunology, 2019, 202, 2189-2194.	0.8	36
17	Evaluation of in vitro Assays to Assess the Modulation of Dendritic Cells Functions by Therapeutic Antibodies and Aggregates. Frontiers in Immunology, 2019, 10, 601.	4.8	34
18	Clinical practice of analysis of anti-drug antibodies against interferon beta and natalizumab in multiple sclerosis patients in Europe: A descriptive study of test results. PLoS ONE, 2017, 12, e0170395.	2.5	34

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19	Glucocorticoid-Induced Leucine Zipper Is Expressed in Human Neutrophils and Promotes Apoptosis through Mcl-1 Down-Regulation. Journal of Innate Immunity, 2016, 8, 81-96.	3.8	33
20	Clinicogenomic factors of biotherapy immunogenicity in autoimmune disease: A prospective multicohort study of the ABIRISK consortium. PLoS Medicine, 2020, 17, e1003348.	8.4	31
21	Identification of Tâ€¢cell epitopes from benzylpenicillin conjugated to human serum albumin and implication in penicillin allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1662-1672.	5.7	30
22	Identification and frequency of circulating <scp>CD</scp>4⁺ T lymphocytes specific to <scp>B</scp>enzylpenicillin in healthy donors. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 899-905.	5.7	27
23	Metallic haptens induce differential phenotype of human dendritic cells through activation of mitogen-activated protein kinase and NF-ÎºB pathways. Toxicology in Vitro, 2009, 23, 227-234.	2.4	26
24	Effect of growth hormone and IgG aggregates on dendritic cells activation and Tâ€¢cells polarization. Immunology and Cell Biology, 2017, 95, 306-315.	2.3	25
25	Immunotoxicity of poly (lactic-co-glycolic acid) nanoparticles: influence of surface properties on dendritic cell activation. Nanotoxicology, 2019, 13, 606-622.	3.0	25
26	Evidence for Chemical and Cellular Reactivities of the Formaldehyde Releaser Bronopol, Independent of Formaldehyde Release. Chemical Research in Toxicology, 2011, 24, 2115-2128.	3.3	24
27	Glucocorticoids inhibit dendritic cell maturation induced by Toll-like receptor 7 and Toll-like receptor 8. Journal of Leukocyte Biology, 2011, 91, 105-117.	3.3	24
28	Detection and kinetics of persistent neutralizing anti-interferon-beta antibodies in patients with multiple sclerosis. Results from the ABIRISK prospective cohort study. Journal of Neuroimmunology, 2019, 326, 19-27.	2.3	22
29	Protein kinase CK2 controls T-cell polarization through dendritic cell activation in response to contact sensitizers. Journal of Leukocyte Biology, 2017, 101, 703-715.	3.3	20
30	Proteomics analysis of dendritic cell activation by contact allergens reveals possible biomarkers regulated by Nrf2. Toxicology and Applied Pharmacology, 2016, 313, 170-179.	2.8	19
31	Development and validation of cell-based luciferase reporter gene assays for measuring neutralizing anti-drug antibodies against interferon beta. Journal of Immunological Methods, 2016, 430, 1-9.	1.4	18
32	Chemical or Drug Hypersensitivity: Is the Immune System Clearing the Danger?. Toxicological Sciences, 2017, 158, 14-22.	3.1	18
33	Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels. Toxicology and Applied Pharmacology, 2017, 322, 41-50.	2.8	17
34	Editorâ€™s Highlight: Fragrance Allergens Linalool and Limonene Allylic Hydroperoxides in Skin Allergy: Mechanisms of Action Focusing on Transcription Factor Nrf2. Toxicological Sciences, 2018, 161, 139-148.	3.1	14
35	Identification and Characterization of Circulating NaÃ¯ve CD4+ and CD8+ T Cells Recognizing Nickel. Frontiers in Immunology, 2019, 10, 1331.	4.8	14
36	Identification and characterization of a naÃ¯ve <scp>CD</scp>8+ T cell repertoire for benzylpenicillin. Clinical and Experimental Allergy, 2019, 49, 636-643.	2.9	14

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37	Acetaminophen and lipopolysaccharide act in synergy for the production of pro-inflammatory cytokines in murine RAW264.7 macrophages. Journal of Immunotoxicology, 2009, 6, 84-93.	1.7	13
38	Ectosomes from neutrophil-like cells down-regulate nickel-induced dendritic cell maturation and promote Th2 polarization. Journal of Leukocyte Biology, 2015, 97, 737-749.	3.3	13
39	Synthetic Amorphous Silica Nanoparticles Promote Human Dendritic Cell Maturation and CD4+ T-Lymphocyte Activation. Toxicological Sciences, 2021, 185, 105-116.	3.1	13
40	The THP-1 cell toolbox: a new concept integrating the key events of skin sensitization. Archives of Toxicology, 2019, 93, 941-951.	4.2	11
41	Treatment- and population-specific genetic risk factors for anti-drug antibodies against interferon-beta: a GWAS. BMC Medicine, 2020, 18, 298.	5.5	11
42	Tools to investigate and avoid drug-hypersensitivity in drug development. Expert Opinion on Drug Discovery, 2018, 13, 425-433.	5.0	10
43	IL-27 Production and Regulation in Human Dendritic Cells Treated with the Chemical Sensitizer NiSO‹sub›4‹/sub›. Chemical Research in Toxicology, 2018, 31, 1323-1331.	3.3	10
44	How to Address the Adjuvant Effects of Nanoparticles on the Immune System. Nanomaterials, 2020, 10, 425.	4.1	10
45	Bioinspired Design and Oriented Synthesis of Immunogenic Site-Specifically Penicilloylated Peptides. Bioconjugate Chemistry, 2016, 27, 2629-2645.	3.6	9
46	Neutrophil expression of glucocorticoid-induced leucine zipper (GILZ) anti-inflammatory protein is associated with acute respiratory distress syndrome severity. Annals of Intensive Care, 2016, 6, 105.	4.6	9
47	The FcÎ³RIIaâ€“Syk Axis Controls Human Dendritic Cell Activation and T Cell Response Induced by Infliximab Aggregates. Journal of Immunology, 2020, 205, 2351-2361.	0.8	8
48	Drug and Chemical Allergy: A Role for a Specific Naive T-Cell Repertoire?. Frontiers in Immunology, 2021, 12, 653102.	4.8	6
49	Growth Hormone Aggregates Activation of Human Dendritic Cells Is Controlled by Rac1 and PI3 Kinase Signaling Pathways. Journal of Pharmaceutical Sciences, 2020, 109, 927-932.	3.3	5
50	The Use of T Cells in Hazard Characterization of Chemical and Drug Allergens and Integration in Testing Strategies. Exs, 2014, 104, 1-7.	1.4	2
51	Immunological Evaluation InÂVitro of Nanoparticulate Impurities Isolated From Pharmaceutical-Grade Sucrose. Journal of Pharmaceutical Sciences, 2021, 110, 952-958.	3.3	2
52	Longitudinal analysis of anti-drug antibody development in multiple sclerosis patients treated with interferon beta-1a (Rebifâ„¢) using B cell receptor repertoire analysis. Journal of Neuroimmunology, 2022, 370, 577932.	2.3	2
53	A Machine Learning Approach for High-Dimensional Time-to-Event Prediction With Application to Immunogenicity of Biotherapies in the ABIRISK Cohort. Frontiers in Immunology, 2020, 11, 608.	4.8	1