

Eva Rajnavolgyi

List of Publications by Year in descending order

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110
papers

3,412
citations

126907

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168389

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docs citations

111
times ranked

5229
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phagocytosis of Lacticaseibacillus casei and Its Immunomodulatory Properties on Human Monocyte-Derived Dendritic Cells Depend on the Expression of Lc-p75, a Bacterial Peptidoglycan Hydrolase. International Journal of Molecular Sciences, 2022, 23, 7620.	4.1	1
2	MSC-like cells increase ability of monocyte-derived dendritic cells to polarize IL-17-/IL-10-producing T _H cells via CTLA-4. IScience, 2021, 24, 102312.	4.1	5
3	Vessel Wall-Derived Mesenchymal Stromal Cells Share Similar Differentiation Potential and Immunomodulatory Properties with Bone Marrow-Derived Stromal Cells. Stem Cells International, 2020, 2020, 1-16.	2.5	5
4	Autologous apoptotic neutrophils inhibit inflammatory cytokine secretion by human dendritic cells, but enhance Th1 responses. FEBS Open Bio, 2020, 10, 1492-1502.	2.3	2
5	The nucleoside diphosphate kinase NDK ϵ 1/NME1 promotes phagocytosis in concert with DYN α 1/Dynamin. FASEB Journal, 2019, 33, 11606-11614.	0.5	8
6	Immunomodulatory capacity of the serotonin receptor 5-HT _{2B} in a subset of human dendritic cells. Scientific Reports, 2018, 8, 1765.	3.3	56
7	Flagellin increases death receptor-mediated cell death in a RIP1-dependent manner. Immunology Letters, 2018, 193, 42-50.	2.5	11
8	Signaling Lymphocyte Activation Molecule Family 5 Enhances Autophagy and Fine-Tunes Cytokine Response in Monocyte-Derived Dendritic Cells via Stabilization of Interferon Regulatory Factor 8. Frontiers in Immunology, 2018, 9, 62.	4.8	18
9	Interferon gamma boosts the nucleotide oligomerization domain 2-mediated signaling pathway in human dendritic cells in an X-linked inhibitor of apoptosis protein and mammalian target of rapamycin-dependent manner. Cellular and Molecular Immunology, 2017, 14, 380-391.	10.5	7
10	RNA-DNA hybrid (R-loop) immunoprecipitation mapping: an analytical workflow to evaluate inherent biases. Genome Research, 2017, 27, 1063-1073.	5.5	76
11	Gut Microbiota Species Can Provoke both Inflammatory and Tolerogenic Immune Responses in Human Dendritic Cells Mediated by Retinoic Acid Receptor Alpha Ligand. Frontiers in Immunology, 2017, 8, 427.	4.8	45
12	Lactobacillus reuteri Surface Mucus Adhesins Upregulate Inflammatory Responses Through Interactions With Innate C-Type Lectin Receptors. Frontiers in Microbiology, 2017, 8, 321.	3.5	43
13	Editorial: The Emerging Role of Monocyte-Derived Cells in the Central Nervous System. Frontiers in Immunology, 2016, 7, 223.	4.8	0
14	The Endogenous Hallucinogen and Trace Amine N,N-Dimethyltryptamine (DMT) Displays Potent Protective Effects against Hypoxia via Sigma-1 Receptor Activation in Human Primary iPSC-Derived Cortical Neurons and Microglia-Like Immune Cells. Frontiers in Neuroscience, 2016, 10, 423.	2.8	64
15	RIG-I inhibits the MAPK-dependent proliferation of BRAF mutant melanoma cells via MKP-1. Cellular Signalling, 2016, 28, 335-347.	3.6	20
16	The anti-proliferative effect of cation channel blockers in T lymphocytes depends on the strength of mitogenic stimulation. Immunology Letters, 2016, 171, 60-69.	2.5	9
17	Relative quantification of human β -defensins by a proteomics approach based on selected reaction monitoring. Rapid Communications in Mass Spectrometry, 2015, 29, 1623-1631.	1.5	6
18	The Impact of ATRA on Shaping Human Myeloid Cell Responses to Epithelial Cell-Derived Stimuli and on T-Lymphocyte Polarization. Mediators of Inflammation, 2015, 2015, 1-14.	3.0	10

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19	Mesenchymal Stromal Cell-Like Cells Set the Balance of Stimulatory and Inhibitory Signals in Monocyte-Derived Dendritic Cells. <i>Stem Cells and Development</i> , 2015, 24, 1805-1816.	2.1	8
20	Effects of RAMEA-complexed polyunsaturated fatty acids on the response of human dendritic cells to inflammatory signals. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 3152-3160.	2.2	13
21	Association between Mediators in the Tear Fluid and the Severity of Keratoconus. <i>Ophthalmic Research</i> , 2014, 51, 46-51.	1.9	34
22	Effects of Awakening and the Use of Topical Dexamethasone and Levofloxacin on the Cytokine Levels in Tears Following Corneal Transplantation. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	2.2	4
23	The antiviral immune response in human conventional dendritic cells is controlled by the mammalian target of rapamycin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 579-589.	3.3	12
24	Impaired endothelial function in patients with undifferentiated connective tissue disease: a follow-up study. <i>Rheumatology</i> , 2014, 53, 2035-2043.	1.9	12
25	Exposure to inhomogeneous static magnetic field beneficially affects allergic inflammation in a murine model. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140097.	3.4	20
26	TLR ligands upregulate RIG-I expression in human plasmacytoid dendritic cells in a type I IFN-independent manner. <i>Immunology and Cell Biology</i> , 2014, 92, 671-678.	2.3	40
27	Autologous Dendritic Cell Based Adoptive Immunotherapy of Patients with Colorectal Cancer – A Phase I-II Study. <i>Pathology and Oncology Research</i> , 2014, 20, 357-365.	1.9	20
28	Oxidative modification enhances the immunostimulatory effects of extracellular mitochondrial DNA on plasmacytoid dendritic cells. <i>Free Radical Biology and Medicine</i> , 2014, 77, 281-290.	2.9	59
29	Finding a fairy in the forest: ELF4, a novel and critical element of type I interferon responses. <i>Cellular and Molecular Immunology</i> , 2014, 11, 218-220.	10.5	8
30	P4-246: ACTIVATION OF THE SIGMA-1 RECEPTOR BY SPECIFIC LIGANDS INHIBITS HUMAN INFLAMMATORY DENDRITIC CELL FUNCTIONS AND EFFECTOR T-LYMPHOCYTE RESPONSES. , 2014, 10, P876-P876.		1
31	Psychedelic N,N-Dimethyltryptamine and 5-Methoxy-N,N-Dimethyltryptamine Modulate Innate and Adaptive Inflammatory Responses through the Sigma-1 Receptor of Human Monocyte-Derived Dendritic Cells. <i>PLoS ONE</i> , 2014, 9, e106533.	2.5	109
32	The Brain-Immune-Gut Triangle: Innate Immunity in Psychiatric and Neurological Disorders. <i>Current Immunology Reviews</i> , 2014, 9, 241-248.	1.2	5
33	Monocyte-derived dendritic cell subpopulations use different types of matrix metalloproteinases inhibited by GM6001. <i>Immunobiology</i> , 2013, 218, 1361-1369.	1.9	19
34	Dendritic Cell Reprogramming by Endogenously Produced Lactic Acid. <i>Journal of Immunology</i> , 2013, 191, 3090-3099.	0.8	140
35	The Two-Component Adjuvant IC31 [®] Boosts Type I Interferon Production of Human Monocyte-Derived Dendritic Cells via Ligation of Endosomal TLRs. <i>PLoS ONE</i> , 2013, 8, e55264.	2.5	26
36	Alterations of Tear Mediators in Patients with Keratoconus after Corneal Crosslinking Associate with Corneal Changes. <i>PLoS ONE</i> , 2013, 8, e76333.	2.5	33

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37	Collaboration of Toll-like and RIG-I-like receptors in human dendritic cells: triggering antiviral innate immune responses. <i>American Journal of Clinical and Experimental Immunology</i> , 2013, 2, 195-207.	0.2	38
38	Histamine modulates multiple functional activities of monocyte-derived dendritic cell subsets via histamine receptor 2. <i>International Immunology</i> , 2012, 24, 107-116.	4.0	14
39	Temporally designed treatment of melanoma cells by ATRA and polyI. <i>Melanoma Research</i> , 2012, 22, 351-361.	1.2	19
40	Vesicles Released by Activated T Cells Induce Both Fas-Mediated RIP-Dependent Apoptotic and Fas-Independent Nonapoptotic Cell Deaths. <i>Journal of Immunology</i> , 2012, 189, 2815-2823.	0.8	11
41	RLR-mediated production of interferon- β by a human dendritic cell subset and its role in virus-specific immunity. <i>Journal of Leukocyte Biology</i> , 2012, 92, 159-169.	3.3	23
42	Graves' Orbitopathy Results in Profound Changes in Tear Composition: A Study of Plasminogen Activator Inhibitor-1 and Seven Cytokines. <i>Thyroid</i> , 2012, 22, 407-414.	4.5	55
43	Cultivation and Characterization of Cornea Limbal Epithelial Stem Cells on Lens Capsule in Animal Material-Free Medium. <i>PLoS ONE</i> , 2012, 7, e47187.	2.5	44
44	Ragweed Subpollen Particles of Respirable Size Activate Human Dendritic Cells. <i>PLoS ONE</i> , 2012, 7, e52085.	2.5	26
45	Phospholipase $C\beta 2$ is required for basal but not oestrogen deficiency-induced bone resorption. <i>European Journal of Clinical Investigation</i> , 2012, 42, 49-60.	3.4	34
46	Modulatory effects of low-dose hydrogen peroxide on the function of human plasmacytoid dendritic cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 635-645.	2.9	15
47	Constraints for monocyte-derived dendritic cell functions under inflammatory conditions. <i>European Journal of Immunology</i> , 2012, 42, 458-469.	2.9	14
48	Mesenchymal stem cell like (MSCl) cells generated from human embryonic stem cells support pluripotent cell growth. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 474-480.	2.1	23
49	Voltage-Gated Sodium Channel Nav1.7 Maintains the Membrane Potential and Regulates the Activation and Chemokine-Induced Migration of a Monocyte-Derived Dendritic Cell Subset. <i>Journal of Immunology</i> , 2011, 187, 1273-1280.	0.8	43
50	Peroxisome Proliferator-Activated Receptor β -Regulated Cathepsin D Is Required for Lipid Antigen Presentation by Dendritic Cells. <i>Journal of Immunology</i> , 2011, 187, 240-247.	0.8	21
51	The glucocorticoid dexamethasone programs human dendritic cells for enhanced phagocytosis of apoptotic neutrophils and inflammatory response. <i>Journal of Leukocyte Biology</i> , 2011, 91, 127-136.	3.3	25
52	The Homolog of the Five SH3-Domain Protein (HOFI/SH3PXD2B) Regulates Lamellipodia Formation and Cell Spreading. <i>PLoS ONE</i> , 2011, 6, e23653.	2.5	35
53	PPAR β modulated inflammatory response of human dendritic cell subsets to engulfed apoptotic neutrophils. <i>Journal of Leukocyte Biology</i> , 2010, 88, 981-991.	3.3	21
54	Pollen-Induced Oxidative Stress Influences Both Innate and Adaptive Immune Responses via Altering Dendritic Cell Functions. <i>Journal of Immunology</i> , 2010, 184, 2377-2385.	0.8	46

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55	Long-Term Kinetics of Cytokine Responses in Human Tears After Penetrating Keratoplasty. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 375-380.	1.2	12
56	Developmental Switch of the Expression of Ion Channels in Human Dendritic Cells. <i>Journal of Immunology</i> , 2009, 183, 4483-4492.	0.8	51
57	Transient receptor potential vanilloid ϵ 1 signaling inhibits differentiation and activation of human dendritic cells. <i>FEBS Letters</i> , 2009, 583, 1619-1624.	2.8	71
58	Granulocyte Colony Stimulating Factor Increases Drug Resistance of Leukaemic Blast Cells to Daunorubicin. <i>Pathology and Oncology Research</i> , 2008, 14, 285-292.	1.9	3
59	Identification of plasmacytoid pre-dendritic cells by one-color flow cytometry for phenotype screening. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 254-258.	1.5	13
60	Dendritic cell subtypes as primary targets of vaccines: the emerging role and cross-talk of pattern recognition receptors. <i>Biological Chemistry</i> , 2008, 389, 469-85.	2.5	58
61	Priming of T cells to Fas-mediated proliferative signals by interleukin-7. <i>Blood</i> , 2008, 112, 1195-1204.	1.4	18
62	Autologous Bone Marrow-Derived Stem Cell Therapy: A Promising and Prospective Approach in the Treatment of Patients with Severe Buerger's Disease. <i>Blood</i> , 2008, 112, 1135-1135.	1.4	0
63	Potential Role for IL-7 in Fas-Mediated T Cell Apoptosis During HIV Infection. <i>Journal of Immunology</i> , 2007, 178, 5340-5350.	0.8	40
64	Differentiation of CD1a ⁺ and CD1a ⁺ monocyte-derived dendritic cells is biased by lipid environment and PPAR γ . <i>Blood</i> , 2007, 109, 643-652.	1.4	121
65	Autologous Bone Marrow-Derived Stem Cell Therapy in Patients with Severe Peripheral Arterial Disorders: A Pilot Study. <i>Blood</i> , 2007, 110, 2877-2877.	1.4	0
66	The antifungal protein AFP secreted by <i>Aspergillus giganteus</i> does not cause detrimental effects on certain mammalian cells. <i>Peptides</i> , 2006, 27, 1717-1725.	2.4	36
67	Genomics and Functional Differences of Dendritic Cell Subsets. , 2006, , 209-247.		0
68	SLAM/SLAM interactions inhibit CD40-induced production of inflammatory cytokines in monocyte-derived dendritic cells. <i>Blood</i> , 2006, 107, 2821-2829.	1.4	46
69	PPAR γ , a Lipid-Activated Transcription Factor as a Regulator of Dendritic Cell Function. <i>Annals of the New York Academy of Sciences</i> , 2006, 1088, 207-218.	3.8	58
70	Enhanced Release of IL-6 and IL-8 into Tears in Various Anterior Segment Eye Diseases. <i>Ophthalmic Research</i> , 2006, 38, 182-188.	1.9	26
71	Death or survival: Membrane ceramide controls the fate and activation of antigen-specific T-cells depending on signal strength and duration. <i>Cellular Signalling</i> , 2006, 18, 294-306.	3.6	37
72	PPAR γ controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells. <i>Journal of Experimental Medicine</i> , 2006, 203, 2351-2362.	8.5	176

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73	PPAR β controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells. <i>Journal of Cell Biology</i> , 2006, 175, i1-i1.	5.2	2
74	Loss of IL-7R α is associated with CD4 T-cell depletion, high interleukin-7 levels and CD28 down-regulation in HIV infected patients. <i>Aids</i> , 2005, 19, 2077-2086.	2.2	122
75	Extensive flow cytometric characterization of plasmacytoid dendritic cell leukemia cells. <i>European Journal of Haematology</i> , 2005, 75, 346-351.	2.2	32
76	The <i>Penicillium chrysogenum</i> -derived antifungal peptide shows no toxic effects on mammalian cells in the intended therapeutic concentration. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005, 371, 122-132.	3.0	36
77	Fine-tuning of helper T cell activation and apoptosis by antigen-presenting cells. <i>Cellular Signalling</i> , 2004, 16, 939-950.	3.6	6
78	Antigen receptor-mediated signaling pathways in transitional immature B cells. <i>Cellular Signalling</i> , 2004, 16, 881-889.	3.6	17
79	New phenotypic, functional and electrophysiological characteristics of KG-1 cells. <i>Immunology Letters</i> , 2004, 92, 97-106.	2.5	13
80	Activation of PPAR β Specifies a Dendritic Cell Subtype Capable of Enhanced Induction of iNKT Cell Expansion. <i>Immunity</i> , 2004, 21, 95-106.	14.3	150
81	Targeting dendritic cells for priming cellular immune responses. <i>Journal of Molecular Recognition</i> , 2003, 16, 299-317.	2.1	43
82	Transglutaminase 2 ^{-/-} mice reveal a phagocytosis-associated crosstalk between macrophages and apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7812-7817.	7.1	249
83	Differential Recognition of Altered Peptide Ligands Distinguishes Two Functionally Discordant (Arthritogenic and Nonarthritogenic) Autoreactive T Cell Hybridoma Clones. <i>Journal of Immunology</i> , 2003, 171, 3025-3033.	0.8	19
84	Role of CD4 ⁺ T lymphocytes in antitumor immunity. <i>Advances in Cancer Research</i> , 2003, 87, 195-249.	5.0	7
85	Flow cytometry used for the analysis of calcium signaling induced by antigen-specific T-cell activation. <i>Cytometry</i> , 2002, 47, 207-216.	1.8	20
86	Effect of chain length on the conformation and T cell recognition of synthetic hemagglutinin fragments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000, 56, 215-223.	3.9	0
87	A repetitive sequence of Epstein-Barr virus nuclear antigen 6 comprises overlapping T cell epitopes which induce HLA-DR-restricted CD4 ⁺ T lymphocytes. <i>International Immunology</i> , 2000, 12, 281-293.	4.0	24
88	Mapping of a Protective Helper T Cell Epitope of Human Influenza A Virus Hemagglutinin. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 190-198.	2.1	14
89	Targeting of influenza epitopes to murine CR1/CR2 using single-chain antibodies. <i>Immunopharmacology</i> , 1999, 42, 159-165.	2.0	29
90	Carrier Design: A New Generation of Polycationic Branched Polypeptides Containing OH Groups with Prolonged Blood Survival and Diminished in Vitro Cytotoxicity. <i>Bioconjugate Chemistry</i> , 1999, 10, 781-790.	3.6	32

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91	A hemagglutinin-based multipeptide construct elicits enhanced protective immune response in mice against influenza A virus infection. <i>Immunology Letters</i> , 1998, 60, 127-136.	2.5	33
92	Characterizing immunodominant and protective influenza hemagglutinin epitopes by functional activity and relative binding to major histocompatibility complex class II sites. <i>European Journal of Immunology</i> , 1997, 27, 3105-3114.	2.9	25
93	Synergistic effects of thalidomide and poly(ADP-ribose) polymerase inhibition on type II collagen-induced arthritis in mice. <i>Inflammation</i> , 1996, 20, 203-215.	3.8	34
94	Collaboration of TCR-, CD4- and CD28-mediated signalling in antigen-specific MHC class II-restricted T-cells. <i>Immunology Letters</i> , 1996, 54, 135-144.	2.5	11
95	IgG isotype-specific auto-antibodies bind preferentially to cross-linked membrane Ig. <i>International Immunology</i> , 1995, 7, 1125-1134.	4.0	4
96	IgG isotype distribution of local and systemic immune responses induced by influenza virus infection. <i>European Journal of Immunology</i> , 1994, 24, 3063-3067.	2.9	42
97	Primed Lymphocytes are Boosted by Type II Collagen of their Host after Adoptive Transfer. <i>Journal of Autoimmunity</i> , 1994, 7, 601-609.	6.5	11
98	T cell recognition of the posttranslationally cleaved intersubunit region of influenza virus hemagglutinin. <i>Molecular Immunology</i> , 1994, 31, 1403-1414.	2.2	20
99	Synthesis of branched polypeptides as antigens for influenza virus hemagglutinin and T-cell receptor subunits. , 1993, , 882-884.		1
100	Novel regulators of the humoral immune response. <i>Trends in Immunology</i> , 1992, 13, A4-A6.	7.5	1
101	Synthetic peptides in the search for T- and B-cell epitopes. <i>Trends in Immunology</i> , 1992, 13, A17-A19.	7.5	8
102	Conformational and functional properties of peptides covering the intersubunit region of influenza virus hemagglutinin. <i>FEBS Journal</i> , 1992, 206, 421-425.	0.2	19
103	Isolation and characterization of IgG2a-reactive autoantibodies from influenza virus-infected BALB/c mice. <i>European Journal of Immunology</i> , 1990, 20, 2719-2729.	2.9	26
104	In vivo manipulation of IgG2a production by isotype-specific autoantibodies. <i>Molecular Immunology</i> , 1990, 27, 1241-1248.	2.2	10
105	Isotype distribution and fine specificity of the antibody response of inbred mouse strains to four compounds belonging to a new group of synthetic branched polypeptides. <i>Molecular Immunology</i> , 1986, 23, 27-37.	2.2	22
106	The effect of light chain gene expression on the inheritance of an idiotype associated with primary anti- ϵ (4-hydroxy-3-nitrophenyl)acetyl(NP) antibodies. <i>European Journal of Immunology</i> , 1979, 9, 324-331.	2.9	59
107	Antigen binding capacity and idiotypic property of subunits and reassociated H and L chains obtained from two human monotypic immunoglobulins. <i>Immunochemistry</i> , 1977, 14, 415-420.	1.2	6
108	The Role of Interchain Disulphide Bridges in the Conformational Stability of Human Immunoglobulin G1 Subclass. <i>Hydrogen-Deuterium Exchange Studies</i> . <i>FEBS Journal</i> , 1976, 67, 81-86.	0.2	29

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109	Factors affecting chain-interactions in immunoglobulins and their significance in cold-agglutinin activity. <i>Immunochemistry</i> , 1975, 12, 663-666.	1.2	8
110	Graves's orbitopathy results in profound changes in tear composition; a study of Plasminogen activator inhibitor-1 (PAI-1) and seven cytokines. <i>Thyroid</i> , 0, , 111229135013004.	4.5	0