Eva Rajnavolgyi

List of Publications by Year
in descending order

110 papers	3,412 citations	126907 33 h-index	168389 53 g-index
111 all docs	111 docs citations	111 times ranked	5229 citing authors

#	Article	IF	Citations
1	Transglutaminase 2^{-/-}mice reveal a phagocytosis-associated crosstalk between macrophages and apoptotic cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7812-7817.	7.1	249
2	PPARÎ³ controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells. Journal of Experimental Medicine, 2006, 203, 2351-2362.	8.5	176
3	Activation of PPARÎ³ Specifies a Dendritic Cell Subtype Capable of Enhanced Induction of iNKT Cell Expansion. Immunity, 2004, 21, 95-106.	14.3	150
4	Dendritic Cell Reprogramming by Endogenously Produced Lactic Acid. Journal of Immunology, 2013, 191, 3090-3099.	0.8	140
5	Loss of IL-7RÎ± is associated with CD4 T-cell depletion, high interleukin-7 levels and CD28 down-regulation in HIV infected patients. Aids, 2005, 19, 2077-2086.	2.2	122
6	Differentiation of CD1aâ^' and CD1a+ monocyte-derived dendritic cells is biased by lipid environment and PPARÎ³. Blood, 2007, 109, 643-652.	1.4	121
7	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. PLoS ONE, 2014, 9, e106533.	2.5	109
8	RNA-DNA hybrid (R-loop) immunoprecipitation mapping: an analytical workflow to evaluate inherent biases. Genome Research, 2017, 27, 1063-1073.	5.5	76
9	Transient receptor potential vanilloidâ€1 signaling inhibits differentiation and activation of human dendritic cells. FEBS Letters, 2009, 583, 1619-1624.	2.8	71
10	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
11	The effect of light chain gene expression on the inheritance of an idiotype associated with primary antiâ€(4â€hydroxyâ€3â€nitrophenyl)acetyl(NP) antibodies. European Journal of Immunology, 1979, 9, 324-331.	2.9	59
12	Oxidative modification enhances the immunostimulatory effects of extracellular mitochondrial DNA on plasmacytoid dendritic cells. Free Radical Biology and Medicine, 2014, 77, 281-290.	2.9	59
13	PPARÂ, a Lipid-Activated Transcription Factor as a Regulator of Dendritic Cell Function. Annals of the New York Academy of Sciences, 2006, 1088, 207-218.	3.8	58
14	Dendritic cell subtypes as primary targets of vaccines: the emerging role and cross-talk of pattern recognition receptors. Biological Chemistry, 2008, 389, 469-85.	2.5	58
15	Immunomodulatory capacity of the serotonin receptor 5-HT2B in a subset of human dendritic cells. Scientific Reports, 2018, 8, 1765.	3.3	56
16	Graves' Orbitopathy Results in Profound Changes in Tear Composition: A Study of Plasminogen Activator Inhibitor-1 and Seven Cytokines. Thyroid, 2012, 22, 407-414.	4.5	55
17	Developmental Switch of the Expression of Ion Channels in Human Dendritic Cells. Journal of Immunology, 2009, 183, 4483-4492.	0.8	51
18	SLAM/SLAM interactions inhibit CD40-induced production of inflammatory cytokines in monocyte-derived dendritic cells. Blood, 2006, 107, 2821-2829.	1.4	46

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19	Pollen-Induced Oxidative Stress Influences Both Innate and Adaptive Immune Responses via Altering Dendritic Cell Functions. Journal of Immunology, 2010, 184, 2377-2385.	0.8	46
20	Gut Microbiota Species Can Provoke both Inflammatory and Tolerogenic Immune Responses in Human Dendritic Cells Mediated by Retinoic Acid Receptor Alpha Ligation. Frontiers in Immunology, 2017, 8, 427.	4.8	45
21	Cultivation and Characterization of Cornea Limbal Epithelial Stem Cells on Lens Capsule in Animal Material-Free Medium. PLoS ONE, 2012, 7, e47187.	2.5	44
22	Targeting dendritic cells for priming cellular immune responses. Journal of Molecular Recognition, 2003, 16, 299-317.	2.1	43
23	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. Journal of Immunology, 2011, 187, 1273-1280.	0.8	43
24	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
25	IgG isotype distribution of local and systemic immune responses induced by influenza virus infection. European Journal of Immunology, 1994, 24, 3063-3067.	2.9	42
26	Potential Role for IL-7 in Fas-Mediated T Cell Apoptosis During HIV Infection. Journal of Immunology, 2007, 178, 5340-5350.	0.8	40
27	TLR ligands upregulate RIGâ€I expression in human plasmacytoid dendritic cells in a type I IFNâ€independent manner. Immunology and Cell Biology, 2014, 92, 671-678.	2.3	40
28	Collaboration of Toll-like and RIG-I-like receptors in human dendritic cells: tRIGgering antiviral innate immune responses. American Journal of Clinical and Experimental Immunology, 2013, 2, 195-207.	0.2	38
29	Death or survival: Membrane ceramide controls the fate and activation of antigen-specific T-cells depending on signal strength and duration. Cellular Signalling, 2006, 18, 294-306.	3.6	37
30	The Penicillium chrysogenum-derived antifungal peptide shows no toxic effects on mammalian cells in the intended therapeutic concentration. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 371, 122-132.	3.0	36
31	The antifungal protein AFP secreted by Aspergillus giganteus does not cause detrimental effects on certain mammalian cells. Peptides, 2006, 27, 1717-1725.	2.4	36
32	The Homolog of the Five SH3-Domain Protein (HOFI/SH3PXD2B) Regulates Lamellipodia Formation and Cell Spreading. PLoS ONE, 2011, 6, e23653.	2.5	35
33	Synergistic effects of thalidomide and poly(ADP-ribose) polymerase inhibition on type II collagen-induced arthritis in mice. Inflammation, 1996, 20, 203-215.	3.8	34
34	Phospholipase CÎ³2 is required for basal but not oestrogen deficiencyâ€“induced bone resorption. European Journal of Clinical Investigation, 2012, 42, 49-60.	3.4	34
35	Association between Mediators in the Tear Fluid and the Severity of Keratoconus. Ophthalmic Research, 2014, 51, 46-51.	1.9	34
36	A hemagglutinin-based multipeptide construct elicits enhanced protective immune response in mice against influenza A virus infection. Immunology Letters, 1998, 60, 127-136.	2.5	33

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37	Alterations of Tear Mediators in Patients with Keratoconus after Corneal Crosslinking Associate with Corneal Changes. PLoS ONE, 2013, 8, e76333.	2.5	33
38	Carrier Design:Â New Generation of Polycationic Branched Polypeptides Containing OH Groups with Prolonged Blood Survival and Diminished in Vitro Cytotoxicity. Bioconjugate Chemistry, 1999, 10, 781-790.	3.6	32
39	Extensive flow cytometric characterization of plasmacytoid dendritic cell leukemia cells. European Journal of Haematology, 2005, 75, 346-351.	2.2	32
40	The Role of Interchain Disulphide Bridges in the Conformational Stability of Human Immunoglobulin G1 Subclass. Hydrogen-Deuterium Exchange Studies. FEBS Journal, 1976, 67, 81-86.	0.2	29
41	Targeting of influenza epitopes to murine CR1/CR2 using single-chain antibodies. Immunopharmacology, 1999, 42, 159-165.	2.0	29
42	Isolation and characterization of IgG2a-reactive autoantibodies from influenza virus-infected BALB/c mice. European Journal of Immunology, 1990, 20, 2719-2729.	2.9	26
43	Enhanced Release of IL-6 and IL-8 into Tears in Various Anterior Segment Eye Diseases. Ophthalmic Research, 2006, 38, 182-188.	1.9	26
44	Ragweed Subpollen Particles of Respirable Size Activate Human Dendritic Cells. PLoS ONE, 2012, 7, e52085.	2.5	26
45	The Two-Component Adjuvant IC31Â® Boosts Type I Interferon Production of Human Monocyte-Derived Dendritic Cells via Ligation of Endosomal TLRs. PLoS ONE, 2013, 8, e55264.	2.5	26
46	Characterizing immunodominant and protective influenza hemagglutinin epitopes by functional activity and relative binding to major histocompatibility complex class II sites. European Journal of Immunology, 1997, 27, 3105-3114.	2.9	25
47	The glucocorticoid dexamethasone programs human dendritic cells for enhanced phagocytosis of apoptotic neutrophils and inflammatory response. Journal of Leukocyte Biology, 2011, 91, 127-136.	3.3	25
48	A repetitive sequence of Epsteinâ€“Barr virus nuclear antigen 6 comprises overlapping T cell epitopes which induce HLA-DR-restricted CD4+ T lymphocytes. International Immunology, 2000, 12, 281-293.	4.0	24
49	Mesenchymal stem cell like (MSCl) cells generated from human embryonic stem cells support pluripotent cell growth. Biochemical and Biophysical Research Communications, 2011, 414, 474-480.	2.1	23
50	RLR-mediated production of interferon-Î² by a human dendritic cell subset and its role in virus-specific immunity. Journal of Leukocyte Biology, 2012, 92, 159-169.	3.3	23
51	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. Molecular Immunology, 1986, 23, 27-37.	2.2	22
52	PPARÎ³ modulated inflammatory response of human dendritic cell subsets to engulfed apoptotic neutrophils. Journal of Leukocyte Biology, 2010, 88, 981-991.	3.3	21
53	Peroxisome Proliferator-Activated Receptor Î³-Regulated Cathepsin D Is Required for Lipid Antigen Presentation by Dendritic Cells. Journal of Immunology, 2011, 187, 240-247.	0.8	21
54	T cell recognition of the posttranslationally cleaved intersubunit region of influenza virus hemagglutinin. Molecular Immunology, 1994, 31, 1403-1414.	2.2	20

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55	Flow cytometry used for the analysis of calcium signaling induced by antigen-specific T-cell activation. Cytometry, 2002, 47, 207-216.	1.8	20
56	Exposure to inhomogeneous static magnetic field beneficially affects allergic inflammation in a murine model. Journal of the Royal Society Interface, 2014, 11, 20140097.	3.4	20
57	Autologous Dendritic Cell Based Adoptive Immunotherapy of Patients with Colorectal Cancerâ€"A Phase I-II Study. Pathology and Oncology Research, 2014, 20, 357-365.	1.9	20
58	RIG-I inhibits the MAPK-dependent proliferation of BRAF mutant melanoma cells via MKP-1. Cellular Signalling, 2016, 28, 335-347.	3.6	20
59	Conformational and functional properties of peptides covering the intersubunit region of influenza virus hemagglutinin. FEBS Journal, 1992, 206, 421-425.	0.2	19
60	Differential Recognition of Altered Peptide Ligands Distinguishes Two Functionally Discordant (Arthritogenic and Nonarthritogenic) Autoreactive T Cell Hybridoma Clones. Journal of Immunology, 2003, 171, 3025-3033.	0.8	19
61	Temporally designed treatment of melanoma cells by ATRA and polyI. Melanoma Research, 2012, 22, 351-361.	1.2	19
62	Monocyte-derived dendritic cell subpopulations use different types of matrix metalloproteinases inhibited by GM6001. Immunobiology, 2013, 218, 1361-1369.	1.9	19
63	Priming of T cells to Fas-mediated proliferative signals by interleukin-7. Blood, 2008, 112, 1195-1204.	1.4	18
64	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
65	Antigen receptor-mediated signaling pathways in transitional immature B cells. Cellular Signalling, 2004, 16, 881-889.	3.6	17
66	Modulatory effects of low-dose hydrogen peroxide on the function of human plasmacytoid dendritic cells. Free Radical Biology and Medicine, 2012, 52, 635-645.	2.9	15
67	Mapping of a Protective Helper T Cell Epitope of Human Influenza A Virus Hemagglutinin. Biochemical and Biophysical Research Communications, 2000, 270, 190-198.	2.1	14
68	Histamine modulates multiple functional activities of monocyte-derived dendritic cell subsets via histamine receptor 2. International Immunology, 2012, 24, 107-116.	4.0	14
69	Constraints for monocyteâ€derived dendritic cell functions under inflammatory conditions. European Journal of Immunology, 2012, 42, 458-469.	2.9	14
70	New phenotypic, functional and electrophysiological characteristics of KG-1 cells. Immunology Letters, 2004, 92, 97-106.	2.5	13
71	Identification of plasmacytoid preâ€dendritic cells by oneâ€color flow cytometry for phenotype screening. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 254-258.	1.5	13
72	Effects of RAMEA-complexed polyunsaturated fatty acids on the response of human dendritic cells to inflammatory signals. Beilstein Journal of Organic Chemistry, 2014, 10, 3152-3160.	2.2	13

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73	Long-Term Kinetics of Cytokine Responses in Human Tears After Penetrating Keratoplasty. Journal of Interferon and Cytokine Research, 2009, 29, 375-380.	1.2	12
74	The antiviral immune response in human conventional dendritic cells is controlled by the mammalian target of rapamycin. Journal of Leukocyte Biology, 2014, 96, 579-589.	3.3	12
75	Impaired endothelial function in patients with undifferentiated connective tissue disease: a follow-up study. Rheumatology, 2014, 53, 2035-2043.	1.9	12
76	Primed Lymphocytes are Boosted by Type II Collagen of their Host after Adoptive Transfer. Journal of Autoimmunity, 1994, 7, 601-609.	6.5	11
77	Collaboration of TCR-, CD4- and CD28-mediated signalling in antigen-specific MHC class II-restricted T-cells. Immunology Letters, 1996, 54, 135-144.	2.5	11
78	Vesicles Released by Activated T Cells Induce Both Fas-Mediated RIP-Dependent Apoptotic and Fas-Independent Nonapoptotic Cell Deaths. Journal of Immunology, 2012, 189, 2815-2823.	0.8	11
79	Flagellin increases death receptor-mediated cell death in a RIP1-dependent manner. Immunology Letters, 2018, 193, 42-50.	2.5	11
80	In vivo manipulation of IgG2a production by isotype-specific autoantibodies. Molecular Immunology, 1990, 27, 1241-1248.	2.2	10
81	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
82	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
83	Factors affecting chain-interactions in immunoglobulins and their significance in cold-agglutinin activity. Immunochemistry, 1975, 12, 663-666.	1.2	8
84	Synthetic peptides in the search for T- and B-cell epitopes. Trends in Immunology, 1992, 13, A17-A19.	7.5	8
85	Finding a fairy in the forest: ELF4, a novel and critical element of type I interferon responses. Cellular and Molecular Immunology, 2014, 11, 218-220.	10.5	8
86	Mesenchymal Stromal Cell-Like Cells Set the Balance of Stimulatory and Inhibitory Signals in Monocyte-Derived Dendritic Cells. Stem Cells and Development, 2015, 24, 1805-1816.	2.1	8
87	The nucleoside diphosphate kinase NDKâ€1/NME1 promotes phagocytosis in concert with DYNâ€1/Dynamin. FASEB Journal, 2019, 33, 11606-11614.	0.5	8
88	Role of CD4+ T lymphocytes in antitumor immunity. Advances in Cancer Research, 2003, 87, 195-249.	5.0	7
89	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
90	Antigen binding capacity and idiotypic property of subunites and reassociated H and L chains obtained from two human monotypic immunoglobulins. Immunochemistry, 1977, 14, 415-420.	1.2	6

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91	Fine-tuning of helper T cell activation and apoptosis by antigen-presenting cells. Cellular Signalling, 2004, 16, 939-950.	3.6	6
92	Relative quantification of human Î²â€defensins by a proteomics approach based on selected reaction monitoring. Rapid Communications in Mass Spectrometry, 2015, 29, 1623-1631.	1.5	6
93	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
94	MSC-like cells increase ability of monocyte-derived dendritic cells to polarize IL-17-/IL-10-producing TÂcells via CTLA-4. IScience, 2021, 24, 102312.	4.1	5
95	The Brain-Immune-Gut Triangle: Innate Immunity in Psychiatric and Neurological Disorders. Current Immunology Reviews, 2014, 9, 241-248.	1.2	5
96	IgG isotype-specific auto-antibodies bind preferentially to cross-linked membrane Ig. International Immunology, 1995, 7, 1125-1134.	4.0	4
97	Effects of Awakening and the Use of Topical Dexamethasone and Levofloxacin on the Cytokine Levels in Tears Following Corneal Transplantation. Journal of Immunology Research, 2014, 2014, 1-8.	2.2	4
98	Granulocyte Colony Stimulating Factor Increases Drug Resistance of Leukaemic Blast Cells to Daunorubicin. Pathology and Oncology Research, 2008, 14, 285-292.	1.9	3
99	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
100	PPARÎ³ controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells. Journal of Cell Biology, 2006, 175, i1-i1.	5.2	2
101	Novel regulators of the humoral immune response. Trends in Immunology, 1992, 13, A4-A6.	7.5	1
102	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
103	Synthesis of branched polypeptides as antigens for influenza virus hemagglutinin and T-cell receptor subunits. , 1993, , 882-884.		1
104	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
105	Effect of chain length on the conformation and T cell recognition of synthetic hemagglutinin fragments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 215-223.	3.9	0
106	Genomics and Functional Differences of Dendritic Cell Subsets. , 2006, , 209-247.		0
107	Editorial: The Emerging Role of Monocyte-Derived Cells in the Central Nervous System. Frontiers in Immunology, 2016, 7, 223.	4.8	0
108	Autologous Bone Marrow-Derived Stem Cell Therapy in Patients with Severe Peripheral Arterial Disorders: A Pilot Study.. Blood, 2007, 110, 2877-2877.	1.4	0

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109	Autologous Bone Marrow-Derived Stem Cell Therapy: A Promising and Prospective Approach in the Treatment of Patients with Severe Buergerâ€™s Disease.. Blood, 2008, 112, 1135-1135.	1.4	0
110	Gravesâ€™ orbitopathy results in profound changes in tear composition; a study of Plasminogen activator inhibitor-1 (PAI-1) and seven cytokines. Thyroid, 0, , 111229135013004.	4.5	0