

Attila Bacsi

List of Publications by Year in descending order

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91
papers

3,457
citations

168829

31
h-index

175968

55
g-index

92
all docs

92
docs citations

92
times ranked

4829
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS generated by pollen NADPH oxidase provide a signal that augments antigen-induced allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2005, 115, 2169-2179.	3.9	310
2	Mitochondrial Dysfunction Increases Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2009, 183, 5379-5387.	0.4	218
3	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor $\text{I}\kappa\text{B}$ -driven Gene Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 25553-25566.	1.6	151
4	Formation of a protein corona on the surface of extracellular vesicles in blood plasma. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12140.	5.5	150
5	Subpollen particles: Carriers of allergenic proteins and oxidases. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 844-850.	1.5	123
6	Activation of Ras Signaling Pathway by 8-Oxoguanine DNA Glycosylase Bound to Its Excision Product, 8-Oxoguanine. <i>Journal of Biological Chemistry</i> , 2012, 287, 20769-20773.	1.6	109
7	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. <i>Journal of Immunology</i> , 2014, 192, 2384-2394.	0.4	105
8	The Role of 8-Oxoguanine DNA Glycosylase-1 in Inflammation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16975-16997.	1.8	96
9	Lactoferrin decreases pollen antigen-induced allergic airway inflammation in a murine model of asthma. <i>Immunology</i> , 2006, 119, 159-166.	2.0	93
10	Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 836-843.	1.5	89
11	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1 $\text{I}\kappa\text{B}$ Pathway. <i>Journal of Immunology</i> , 2014, 193, 4643-4653.	0.4	85
12	PPAR γ -Mediated and Arachidonic Acid-Dependent Signaling Is Involved in Differentiation and Lipid Production of Human Sebocytes. <i>Journal of Investigative Dermatology</i> , 2014, 134, 910-920.	0.3	77
13	8-Oxoguanine DNA glycosylase-1 links DNA repair to cellular signaling via the activation of the small GTPase Rac1. <i>Free Radical Biology and Medicine</i> , 2013, 61, 384-394.	1.3	76
14	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. <i>DNA Repair</i> , 2013, 12, 18-26.	1.3	71
15	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. <i>DNA Repair</i> , 2013, 12, 856-863.	1.3	60
16	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.	1.3	59
17	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and $\text{I}\kappa\text{B}$ -smooth muscle actin polymerization. <i>Free Radical Biology and Medicine</i> , 2014, 73, 430-438.	1.3	58
18	Reduced DNA double strand breaks in chlorambucil resistant cells are related to high DNA-PKcs activity and low oxidative stress. <i>Toxicology</i> , 2003, 193, 137-152.	2.0	56

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19	Inhibiting pollen reduced nicotinamide adenine dinucleotide phosphate oxidase-induced signal by intrapulmonary administration of antioxidants blocks allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 646-653.	1.5	56
20	Immunomodulatory capacity of the serotonin receptor 5-HT2B in a subset of human dendritic cells. <i>Scientific Reports</i> , 2018, 8, 1765.	1.6	56
21	Lactoferrin decreases LPS-induced mitochondrial dysfunction in cultured cells and in animal endotoxemia model. <i>Innate Immunity</i> , 2010, 16, 67-79.	1.1	55
22	Sebaceous Gland-Rich Skin Is Characterized by TSLP Expression and Distinct Immune Surveillance Which Is Disturbed in Rosacea. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1114-1125.	0.3	53
23	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. <i>Redox Biology</i> , 2018, 18, 43-53.	3.9	47
24	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.	0.4	46
25	Alterations of P53 and RB Genes and the Evolution of the Accelerated Phase of Chronic Myeloid Leukemia. <i>Leukemia and Lymphoma</i> , 2000, 38, 587-597.	0.6	44
26	Ragweed pollen-mediated IgE-independent release of biogenic amines from mast cells via induction of mitochondrial dysfunction. <i>Molecular Immunology</i> , 2009, 46, 2505-2514.	1.0	42
27	Regulation of type I interferon responses by mitochondria-derived reactive oxygen species in plasmacytoid dendritic cells. <i>Redox Biology</i> , 2017, 13, 633-645.	3.9	42
28	Localization of superoxide anion production to mitochondrial electron transport chain in 3-NPA-treated cells. <i>Mitochondrion</i> , 2006, 6, 235-244.	1.6	40
29	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.	1.0	40
30	The transcription factor EGR2 is the molecular linchpin connecting STAT6 activation to the late, stable epigenomic program of alternative macrophage polarization. <i>Genes and Development</i> , 2020, 34, 1474-1492.	2.7	38
31	Increased ROS generation in subsets of OGG1 knockout fibroblast cells. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 637-649.	2.2	37
32	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. <i>Free Radical Biology and Medicine</i> , 2015, 81, 107-118.	1.3	35
33	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. <i>Free Radical Biology and Medicine</i> , 2015, 89, 20-33.	1.3	32
34	Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses. <i>Cephalalgia</i> , 2017, 37, 581-591.	1.8	32
35	Alternaria-Induced Release of IL-18 from Damaged Airway Epithelial Cells: An NF- κ B Dependent Mechanism of Th2 Differentiation?. <i>PLoS ONE</i> , 2012, 7, e30280.	1.1	30
36	Regulatory NLRs Control the RLR-Mediated Type I Interferon and Inflammatory Responses in Human Dendritic Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2314.	2.2	30

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37	Enhanced $\hat{3}$ -glutamylcysteine synthetase activity decreases drug-induced oxidative stress levels and cytotoxicity. <i>Molecular Carcinogenesis</i> , 2006, 45, 635-647.	1.3	29
38	Human Plasmacytoid and Monocyte-Derived Dendritic Cells Display Distinct Metabolic Profile Upon RIG-I Activation. <i>Frontiers in Immunology</i> , 2018, 9, 3070.	2.2	28
39	Colostrinin-Driven Neurite Outgrowth Requires p53 Activation in PC12 Cells. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 1123-1139.	1.7	26
40	Ragweed Subpollen Particles of Respirable Size Activate Human Dendritic Cells. <i>PLoS ONE</i> , 2012, 7, e52085.	1.1	26
41	Ragweed pollen extract intensifies lipopolysaccharide-induced priming of NLRP3 inflammasome in human macrophages. <i>Immunology</i> , 2013, 138, 392-401.	2.0	26
42	The Two-Component Adjuvant IC31 \hat{A} Boosts Type I Interferon Production of Human Monocyte-Derived Dendritic Cells via Ligation of Endosomal TLRs. <i>PLoS ONE</i> , 2013, 8, e55264.	1.1	26
43	Modulation of DNA-dependent protein kinase activity in chlorambucil-treated cells. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1650-1659.	1.3	22
44	Changes in Oncogene Expression Implicated in Evolution of Chronic Granulocytic Leukemia from its Chronic Phase to Acceleration. <i>Leukemia and Lymphoma</i> , 1998, 30, 293-306.	0.6	20
45	Placental Macrophage Contact Potentiates the Complete Replicative Cycle of Human Cytomegalovirus in Syncytiotrophoblast Cells: Role of Interleukin-8 and Transforming Growth Factor- $\hat{1}$. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 1153-1160.	0.5	20
46	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.	1.5	20
47	Pathophysiology of bronchoconstriction. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016, 16, 59-67.	1.1	20
48	RIG-I inhibits the MAPK-dependent proliferation of BRAF mutant melanoma cells via MKP-1. <i>Cellular Signalling</i> , 2016, 28, 335-347.	1.7	20
49	Induction of HIV-1 Replication in Latently Infected Syncytiotrophoblast Cells by Contact with Placental Macrophages: Role of Interleukin-6 and Tumor Necrosis Factor- $\hat{1}$. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 1079-1088.	0.5	19
50	Diet-induced Obesity Enhances TRPV1-mediated Neurovascular Reactions in the Dura Mater. <i>Headache</i> , 2017, 57, 441-454.	1.8	19
51	Types of necroinflammation, the effect of cell death modalities on sterile inflammation. <i>Cell Death and Disease</i> , 2022, 13, 423.	2.7	19
52	Colostrinin delays the onset of proliferative senescence of diploid murine fibroblast cells. <i>Neuropeptides</i> , 2007, 41, 93-101.	0.9	18
53	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. <i>Frontiers in Immunology</i> , 2018, 9, 62.	2.2	18
54	Embryonic exposure to low concentrations of aflatoxin B1 triggers global transcriptomic changes, defective yolk lipid mobilization, abnormal gastrointestinal tract development and inflammation in zebrafish. <i>Journal of Hazardous Materials</i> , 2021, 416, 125788.	6.5	18

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55	Colostrinin Decreases Hypersensitivity and Allergic Responses to Common Allergens. <i>International Archives of Allergy and Immunology</i> , 2008, 146, 298-306.	0.9	16
56	Caspase-9 acts as a regulator of necroptotic cell death. <i>FEBS Journal</i> , 2021, 288, 6476-6491.	2.2	16
57	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.	1.3	15
58	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1058-L1068.	1.3	15
59	Oxidized base 8-oxoguanine, a product of DNA repair processes, contributes to dendritic cell activation. <i>Free Radical Biology and Medicine</i> , 2019, 143, 209-220.	1.3	14
60	Elevated Pro-Inflammatory Cell-Free MicroRNA Levels in Cerebrospinal Fluid of Premature Infants after Intraventricular Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6870.	1.8	14
61	Pseudotypes of vesicular stomatitis virus-bearing envelope antigens of certain HIV-1 strains permissively infect human syncytiotrophoblasts cultured in vitro: Implications for in vivo infection of syncytiotrophoblasts by cell-free HIV-1. <i>Journal of Medical Virology</i> , 2001, 64, 387-397.	2.5	13
62	Pollen NAD(P)H Oxidases and Their Contribution to Allergic Inflammation. <i>Immunology and Allergy Clinics of North America</i> , 2007, 27, 45-63.	0.7	13
63	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.	1.1	13
64	Biochemical identification of a hydroperoxide derivative of the free 8-oxo-7,8-dihydroguanine base. <i>Free Radical Biology and Medicine</i> , 2012, 52, 749-756.	1.3	13
65	The Role of Hemoglobin Oxidation Products in Triggering Inflammatory Response Upon Intraventricular Hemorrhage in Premature Infants. <i>Frontiers in Immunology</i> , 2020, 11, 228.	2.2	13
66	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.	1.5	12
67	Regulation of RLR-Mediated Antiviral Responses of Human Dendritic Cells by mTOR. <i>Frontiers in Immunology</i> , 2020, 11, 572960.	2.2	12
68	High Level of Anticholesterol Antibodies (ACHA) in HIV Patients. Normalization of Serum ACHA Concentration after Introduction of HAART. <i>Immunobiology</i> , 2001, 203, 756-768.	0.8	11
69	Myeloid but not plasmacytoid blood DCs possess Th1 polarizing and Th1/Th17 recruiting capacity in psoriasis. <i>Immunology Letters</i> , 2017, 189, 109-113.	1.1	11
70	8-Oxoguanine DNA glycosylase-driven DNA repair: A paradoxical role in lung aging. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 51-65.	2.2	11
71	Differential Patterns of Interaction between HIV Type 1 and HTLV Type I in Monocyte-Derived Macrophages Cultured in Vitro : Implications for in Vivo Coinfection with HIV Type 1 and HTLV Type I. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 1653-1666.	0.5	10
72	Significant decrease of the enhancement/neutralization index in HIV patients during highly active antiretroviral therapy (HAART). <i>Immunology Letters</i> , 2003, 89, 25-30.	1.1	10

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73	Differences in the sensitivity of classically and alternatively activated macrophages to TAK1 inhibitor-induced necroptosis. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 2193-2207.	2.0	10
74	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions. <i>Journal of Innate Immunity</i> , 2022, 14, 593-614.	1.8	10
75	Commercial strain-derived clinical <i>Saccharomyces cerevisiae</i> can evolve new phenotypes without higher pathogenicity. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601099.	1.5	8
76	Development and Study of Biocompatible Polyurethane-Based Polymer-Metallic Nanocomposites. <i>Nanotechnology, Science and Applications</i> , 2020, Volume 13, 11-22.	4.6	7
77	Multiple Levels of Immunological Memory and Their Association with Vaccination. <i>Vaccines</i> , 2021, 9, 174.	2.1	7
78	Reciprocal Interactions between Human Cytomegalovirus and Human T Cell Leukemia-Lymphoma Virus Type I in Monocyte-Derived Macrophages Cultured in Vitro. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 699-709.	0.5	6
79	Vertical transmission of human immunodeficiency virus (A review). <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2001, 48, 413-427.	0.4	6
80	Colostrin decreases spontaneous and induced mutation frequencies at the hprt locus in Chinese hamster V79 cells. <i>Journal of Experimental Therapeutics and Oncology</i> , 2006, 5, 249-59.	0.5	6
81	Vessel Wall-Derived Mesenchymal Stromal Cells Share Similar Differentiation Potential and Immunomodulatory Properties with Bone Marrow-Derived Stromal Cells. <i>Stem Cells International</i> , 2020, 2020, 1-16.	1.2	5
82	Cytotoxic activity of human dendritic cells induces RIPK1-dependent cell death. <i>Immunobiology</i> , 2021, 226, 152032.	0.8	5
83	MSC-like cells increase ability of monocyte-derived dendritic cells to polarize IL-17-/IL-10-producing T _H cells via CTLA-4. <i>iScience</i> , 2021, 24, 102312.	1.9	5
84	ATP Depletion via Mitochondrial F ₁ F ₀ Complex by Lethal Factor is an Early Event in B. Anthracis-Induced Sudden Cell Death. <i>Journal of Cell Death</i> , 2009, 2, JCD.S2811.	0.8	4
85	Differential patterns of human cytomegalovirus gene expression in various T-cell lines carrying human T-cell leukemia-lymphoma virus type I: Role of tax-activated cellular transcription factors. <i>Journal of Medical Virology</i> , 2003, 71, 94-104.	2.5	3
86	Role of Interleukin-8 and Transforming Growth Factor- β 1 in Enhancement of Human Cytomegalovirus Replication by Human T Cell Leukemia-Lymphoma Virus Type I in Macrophages Coinfected with Both Viruses. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 209-217.	0.5	2
87	Fusion of the Fc part of human IgG1 to CD14 enhances its binding to Gram-negative bacteria and mediates phagocytosis by Fc receptors of neutrophils. <i>Immunology Letters</i> , 2012, 146, 31-39.	1.1	2
88	Autologous apoptotic neutrophils inhibit inflammatory cytokine secretion by human dendritic cells, but enhance Th1 responses. <i>FEBS Open Bio</i> , 2020, 10, 1492-1502.	1.0	2
89	An immune-shift induced by lycopene; from an eosinophil-dominant type towards an eosinophil/neutrophil-co-dominant type of airway inflammation. <i>Food and Function</i> , 0, , .	2.1	1
90	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. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7620.	1.8	1

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91	Placental macrophage contact induces complete replicative cycle of human immunodeficiency virus in latently infected syncytiotrophoblast cells: role of interleukine-6 and tumor necrosis factor- β . American Journal of Reproductive Immunology, 2002, 48, 144-144.	1.2	0