

Caroline Gilbert

List of Publications by Year in descending order

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64
papers

10,111
citations

136740

32
h-index

114278

63
g-index

64
all docs

64
docs citations

64
times ranked

15369
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Discrimination between exosomes and HIV-1: Purification of both vesicles from cell-free supernatants. <i>Journal of Immunological Methods</i> , 2008, 338, 21-30.	0.6	265
3	Exosomes Derived from HIV-1-infected Cells Contain Trans-activation Response Element RNA. <i>Journal of Biological Chemistry</i> , 2013, 288, 20014-20033.	1.6	239
4	The C-type lectin surface receptor DCIR acts as a new attachment factor for HIV-1 in dendritic cells and contributes to trans- and cis-infection pathways. <i>Blood</i> , 2008, 112, 1299-1307.	0.6	166
5	Commercial Dairy Cow Milk microRNAs Resist Digestion under Simulated Gastrointestinal Tract Conditions. <i>Journal of Nutrition</i> , 2016, 146, 2206-2215.	1.3	165
6	Syncytin proteins incorporated in placenta exosomes are important for cell uptake and show variation in abundance in serum exosomes from patients with preeclampsia. <i>FASEB Journal</i> , 2014, 28, 3703-3719.	0.2	161
7	Selective inhibition of human neutrophil functional responsiveness by erbstatin, an inhibitor of tyrosine protein kinase. <i>Blood</i> , 1990, 76, 2098-2104.	0.6	124
8	Expression and activity of prostaglandin endoperoxide synthase-2 in agonist-activated human neutrophils. <i>FASEB Journal</i> , 1998, 12, 1109-1123.	0.2	109
9	Crystal-induced neutrophil activation VI. Involvement of Fcγ3RIIIB (CD16) and CD11b in response to inflammatory microcrystals. <i>FASEB Journal</i> , 1998, 12, 209-220.	0.2	99
10	Monosodium urate monohydrate crystals induce the release of the proinflammatory protein S100A8/A9 from neutrophils. <i>Journal of Leukocyte Biology</i> , 2004, 76, 433-440.	1.5	93
11	Chemotactic Factor-Induced Recruitment and Activation of Tec Family Kinases in Human Neutrophils. II. Effects of LFM-A13, a Specific Btk Inhibitor. <i>Journal of Immunology</i> , 2003, 170, 5235-5243.	0.4	85
12	Secretion of S100A8, S100A9, and S100A12 by Neutrophils Involves Reactive Oxygen Species and Potassium Efflux. <i>Journal of Immunology Research</i> , 2015, 2015, 1-16.	0.9	79
13	Human Neutrophils as a Source of Nociceptin: A Novel Link between Pain and Inflammation. <i>Biochemistry</i> , 2003, 42, 10498-10505.	1.2	78
14	Adenosine, a Potent Natural Suppressor of Arachidonic Acid Release and Leukotriene Biosynthesis in Human Neutrophils. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, S88-S94.	2.5	76
15	Elevated Abundance, Size, and MicroRNA Content of Plasma Extracellular Vesicles in Viremic HIV-1+ Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 70, 219-227.	0.9	71
16	A subset of extracellular vesicles carries the bulk of microRNAs in commercial dairy cow's milk. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1401897.	5.5	70
17	Activation of Lyn is a common element of the stimulation of human neutrophils by soluble and particulate agonists. <i>Blood</i> , 1995, 86, 3567-3574.	0.6	69
18	Evidence for the involvement of tyrosine kinases in the locomotory responses of human neutrophils. <i>Journal of Leukocyte Biology</i> , 1992, 51, 103-108.	1.5	61

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19	DCIR-mediated enhancement of HIV-1 infection requires the ITIM-associated signal transduction pathway. <i>Blood</i> , 2011, 117, 6589-6599.	0.6	58
20	Endogenous retrovirus-encoded Syncytin-2 contributes to exosome-mediated immunosuppression of T cells. <i>Biology of Reproduction</i> , 2020, 102, 185-198.	1.2	51
21	Plasma extracellular vesicles as phenotypic biomarkers in prostate cancer patients. <i>Prostate</i> , 2019, 79, 1767-1776.	1.2	51
22	Crystal-induced neutrophil activation. I. Initiation and modulation of calcium mobilization and superoxide production by microcrystals. <i>Arthritis and Rheumatism</i> , 1991, 34, 333-342.	6.7	48
23	Crystal-induced neutrophil activation. VII. Involvement of Syk in the responses to monosodium urate crystals. <i>Journal of Leukocyte Biology</i> , 2001, 70, 659-68.	1.5	48
24	Statins Could Be Used to Control Replication of Some Viruses, Including HIV-1. <i>Viral Immunology</i> , 2005, 18, 474-489.	0.6	44
25	Human Immunodeficiency Virus Type 1-Associated CD40 Ligand Transactivates B Lymphocytes and Promotes Infection of CD4 + T Cells. <i>Journal of Virology</i> , 2007, 81, 5872-5881.	1.5	44
26	Crystal-induced neutrophil activation. IX. Syk-dependent activation of class Ia phosphatidylinositol 3-kinase. <i>Journal of Leukocyte Biology</i> , 2007, 82, 763-773.	1.5	44
27	LPS reduces HIV-1 replication in primary human macrophages partly through an endogenous production of type I interferons. <i>Clinical Immunology</i> , 2008, 127, 198-205.	1.4	41
28	Identification of protein markers for extracellular vesicle (EV) subsets in cow's milk. <i>Journal of Proteomics</i> , 2019, 192, 78-88.	1.2	41
29	Chemoattractant-induced cytoplasmic pH changes and cytoskeletal reorganization in human neutrophils. Relationship to the stimulated calcium transients and oxidative burst. <i>Journal of Immunology</i> , 1989, 142, 2438-44.	0.4	41
30	Platelets Disseminate Extracellular Vesicles in Lymph in Rheumatoid Arthritis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 929-942.	1.1	40
31	The importance of virus-associated host ICAM-1 in human immunodeficiency virus type 1 dissemination depends on the cellular context. <i>FASEB Journal</i> , 2004, 18, 1294-1296.	0.2	39
32	Concentrates of two subsets of extracellular vesicles from cow's milk modulate symptoms and inflammation in experimental colitis. <i>Scientific Reports</i> , 2019, 9, 14661.	1.6	39
33	Early Events in the Activation of FcÎ³RIIA in Human Neutrophils: Stimulated Insolubilization, Translocation to Detergent-Resistant Domains, and Degradation of FcÎ³RIIA. <i>Journal of Immunology</i> , 2002, 168, 4042-4049.	0.4	31
34	Crystal-induced neutrophil activation: VIII. Immediate production of prostaglandin E2 mediated by constitutive cyclooxygenase 2 in human neutrophils stimulated by urate crystals. <i>Arthritis and Rheumatism</i> , 2003, 48, 1137-1148.	6.7	31
35	Immunoblotting and sequential lysis protocols for the analysis of tyrosine phosphorylation-dependent signaling. <i>Journal of Immunological Methods</i> , 2002, 271, 185-201.	0.6	30
36	Involvement of Src and Syk Tyrosine Kinases in HIV-1 Transfer from Dendritic Cells to CD4+T Lymphocytes. <i>Journal of Immunology</i> , 2007, 178, 2862-2871.	0.4	27

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37	Extracellular ATP reduces HIV-1 transfer from immature dendritic cells to CD4+T lymphocytes. <i>Retrovirology</i> , 2008, 5, 30.	0.9	26
38	Plasmacytoid dendritic cells and myeloid cells differently contribute to BAFF over-expression during primary HIV infection. <i>Aids</i> , 2015, 30, 1.	1.0	24
39	Nucleobindin Co-Localizes and Associates with Cyclooxygenase (COX)-2 in Human Neutrophils. <i>PLoS ONE</i> , 2008, 3, e2229.	1.1	23
40	Paradoxical effects of colchicine on the activation of human neutrophils by chemotactic factors and inflammatory microcrystals. <i>Journal of Leukocyte Biology</i> , 1996, 59, 864-871.	1.5	22
41	HIV-1 Induces DCIR Expression in CD4+ T Cells. <i>PLoS Pathogens</i> , 2010, 6, e1001188.	2.1	22
42	Agonist-specific tyrosine phosphorylation of Cbl in human neutrophils. <i>Journal of Leukocyte Biology</i> , 1997, 62, 901-910.	1.5	21
43	Preservation of the pattern of tyrosine phosphorylation in human neutrophil lysates. <i>Journal of Immunological Methods</i> , 2002, 261, 85-101.	0.6	21
44	Human Immunodeficiency Virus Type 1 Replication in Dendritic Cell-T-Cell Cocultures Is Increased upon Incorporation of Host LFA-1 due to Higher Levels of Virus Production in Immature Dendritic Cells. <i>Journal of Virology</i> , 2007, 81, 7672-7682.	1.5	21
45	Exosome release following activation of the dendritic cell immunoreceptor: A potential role in HIV-1 pathogenesis. <i>Virology</i> , 2015, 484, 103-112.	1.1	21
46	Preservation of the pattern of tyrosine phosphorylation in human neutrophil lysates. <i>Journal of Immunological Methods</i> , 1997, 202, 183-191.	0.6	19
47	Evidence for a Role for SAM68 in the Responses of Human Neutrophils to Ligation of CD32 and to Monosodium Urate Crystals. <i>Journal of Immunology</i> , 2001, 166, 4664-4671.	0.4	19
48	LFA-1 Antagonists as Agents Limiting Human Immunodeficiency Virus Type 1 Infection and Transmission and Potentiating the Effect of the Fusion Inhibitor T-20. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4656-4666.	1.4	19
49	Rapid priming of calcium mobilization and superoxide anion production in human neutrophils by substimulatory concentrations of phorbol esters: A novel role for protein kinase C and tyrosine phosphorylation in the up-modulation of signal transduction. <i>Cellular Signalling</i> , 1992, 4, 511-523.	1.7	18
50	Modulation of Human Neutrophil Responses to CD32 Cross-Linking by Serine/Threonine Phosphatase Inhibitors: Cross-Talk Between Serine/Threonine and Tyrosine Phosphorylation. <i>Journal of Immunology</i> , 2000, 164, 1020-1028.	0.4	17
51	Plasma Extracellular Vesicle Subtypes May be Useful as Potential Biomarkers of Immune Activation in People With HIV. <i>Pathogens and Immunity</i> , 2021, 6, 1-28.	1.4	14
52	Virus-associated host CD62L increases attachment of human immunodeficiency virus type 1 to endothelial cells and enhances trans infection of CD4+ T lymphocytes. <i>Journal of General Virology</i> , 2007, 88, 2568-2573.	1.3	14
53	Characterization of an activation factor released from human neutrophils after stimulation by triclinic monosodium urate crystals. <i>Journal of Rheumatology</i> , 2006, 33, 928-38.	1.0	12
54	Isolating Multiple Extracellular Vesicles Subsets, Including Exosomes and Membrane Vesicles, from Bovine Milk Using Sodium Citrate and Differential Ultracentrifugation. <i>Bio-protocol</i> , 2020, 10, e3636.	0.2	11

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55	Dendritic Cell Immunoreceptor Is a New Target for Anti-AIDS Drug Development: Identification of DCIR/HIV-1 Inhibitors. PLoS ONE, 2013, 8, e67873.	1.1	9
56	Efficient Replication of Human Immunodeficiency Virus Type 1 in Resting CD4 ⁺ T Lymphocytes Is Induced by Coculture with Autologous Dendritic Cells in the Absence of Foreign Antigens. Journal of Virology, 2009, 83, 2778-2782.	1.5	7
57	Vesicular MicroRNA as Potential Biomarkers of Viral Rebound. Cells, 2022, 11, 859.	1.8	7
58	Velocity Gradient Separation Reveals a New Extracellular Vesicle Population Enriched in miR-155 and Mitochondrial DNA. Pathogens, 2021, 10, 526.	1.2	6
59	Pertussis toxin selectively interferes with the responses of the HL-60 human promyelocytic cell line to dimethylsulfoxide. Blood, 1991, 78, 2534-2541.	0.6	5
60	Diurnal Variation of Plasma Extracellular Vesicle Is Disrupted in People Living with HIV. Pathogens, 2021, 10, 518.	1.2	5
61	Proliferation of peripheral blood mononuclear cells from healthy piglets after mitogen stimulation as indicators of disease resilience. Journal of Animal Science, 2021, 99, .	0.2	5
62	Role and future applications of extracellular vesicles in HIV-1 pathogenesis. Future Virology, 2015, 10, 357-370.	0.9	2
63	Selective inhibition of human neutrophil functional responsiveness by erbstatin, an inhibitor of tyrosine protein kinase. Blood, 1990, 76, 2098-2104.	0.6	2
64	Pertussis toxin selectively interferes with the responses of the HL-60 human promyelocytic cell line to dimethylsulfoxide. Blood, 1991, 78, 2534-2541.	0.6	0