

Lars-Ove Brandenburg

List of Publications by Year in descending order

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58
papers

2,382
citations

186265

28
h-index

206112

48
g-index

63
all docs

63
docs citations

63
times ranked

3845
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of oxidative stress in rheumatoid arthritis: insights from the Nrf2-knockout mice. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 844-850.	0.9	223
2	Receptor Endocytosis Counteracts the Development of Opioid Tolerance. <i>Molecular Pharmacology</i> , 2005, 67, 280-287.	2.3	153
3	Sulforaphane suppresses LPS-induced inflammation in primary rat microglia. <i>Inflammation Research</i> , 2010, 59, 443-450.	4.0	116
4	Nrf2 Induces Interleukin-6 (IL-6) Expression via an Antioxidant Response Element within the IL-6 Promoter. <i>Journal of Biological Chemistry</i> , 2011, 286, 4493-4499.	3.4	109
5	Kavalactones Protect Neural Cells against Amyloid β Peptide-Induced Neurotoxicity via Extracellular Signal-Regulated Kinase 1/2-Dependent Nuclear Factor Erythroid 2-Related Factor 2 Activation. <i>Molecular Pharmacology</i> , 2008, 73, 1785-1795.	2.3	108
6	Antimicrobial Peptides: Multifunctional Drugs for Different Applications. <i>Polymers</i> , 2012, 4, 539-560.	4.5	96
7	Role of receptor internalization in the agonist-induced desensitization of cannabinoid type 1 receptors. <i>Journal of Neurochemistry</i> , 2008, 104, 1132-1143.	3.9	92
8	ADP-ribosylation Factor-dependent Phospholipase D2 Activation Is Required for Agonist-induced μ -Opioid Receptor Endocytosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 9979-9985.	3.4	91
9	Involvement of formyl peptide receptors in receptor for advanced glycation end products (RAGE) - and amyloid beta 1-42-induced signal transduction in glial cells. <i>Molecular Neurodegeneration</i> , 2012, 7, 55.	10.8	74
10	Role of platelet-released growth factors in detoxification of reactive oxygen species in osteoblasts. <i>Bone</i> , 2014, 65, 9-17.	2.9	68
11	Functional and physical interactions between formyl peptide receptors and scavenger receptor MARCO and their involvement in amyloid beta 1-42-induced signal transduction in glial cells. <i>Journal of Neurochemistry</i> , 2010, 113, 749-760.	3.9	65
12	Phospholipase D2 modulates agonist-induced μ -opioid receptor desensitization and resensitization. <i>Journal of Neurochemistry</i> , 2003, 88, 680-688.	3.9	64
13	Role of Glial Cells in the Functional Expression of LL-37/Rat Cathelin-Related Antimicrobial Peptide in Meningitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 1041-1054.	1.7	64
14	Oral administration of methysticin improves cognitive deficits in a mouse model of Alzheimer's disease. <i>Redox Biology</i> , 2017, 12, 843-853.	9.0	62
15	Combination of cuprizone and experimental autoimmune encephalomyelitis to study inflammatory brain lesion formation and progression. <i>Glia</i> , 2017, 65, 1900-1913.	4.9	56
16	Nrf2 Expression by Neurons, Astroglia, and Microglia in the Cerebral Cortical Penumbra of Ischemic Rats. <i>Journal of Molecular Neuroscience</i> , 2012, 46, 578-584.	2.3	55
17	Lack of formyl peptide receptor 1 and 2 leads to more severe inflammation and higher mortality in mice with pneumococcal meningitis. <i>Immunology</i> , 2014, 143, 447-461.	4.4	52
18	Role of phospholipase D2 in the agonist-induced and constitutive endocytosis of G-protein coupled receptors. <i>Journal of Neurochemistry</i> , 2006, 97, 365-372.	3.9	50

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19	Involvement of formyl-peptide-receptor-like-1 and phospholipase D in the internalization and signal transduction of amyloid beta 1-42 in glial cells. <i>Neuroscience</i> , 2008, 156, 266-276.	2.3	47
20	Thrombocytes are effectors of the innate immune system releasing human beta defensin-3. <i>Injury</i> , 2011, 42, 682-686.	1.7	44
21	The annexin A1/FPR2 signaling axis expands alveolar macrophages, limits viral replication, and attenuates pathogenesis in the murine influenza A virus infection model. <i>FASEB Journal</i> , 2019, 33, 12188-12199.	0.5	43
22	The formyl peptide receptor like-1 and scavenger receptor MARCO are involved in glial cell activation in bacterial meningitis. <i>Journal of Neuroinflammation</i> , 2011, 8, 11.	7.2	42
23	Antimicrobial peptide rCRAMP induced glial cell activation through P2Y receptor signalling pathways. <i>Molecular Immunology</i> , 2010, 47, 1905-1913.	2.2	41
24	Mechanical Forces Induce Changes in VEGF and VEGFR-1/sFlt-1 Expression in Human Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15456-15474.	4.1	38
25	Role of the Cathelicidin-Related Antimicrobial Peptide in Inflammation and Mortality in a Mouse Model of Bacterial Meningitis. <i>Journal of Innate Immunity</i> , 2014, 6, 205-218.	3.8	38
26	Deficiency of Formyl Peptide Receptor 1 and 2 Is Associated with Increased Inflammation and Enhanced Liver Injury after LPS-Stimulation. <i>PLoS ONE</i> , 2014, 9, e100522.	2.5	32
27	Internalization of PrP106-126 by the formyl-peptide-receptor-like-1 in glial cells. <i>Journal of Neurochemistry</i> , 2006, 101, 718-728.	3.9	31
28	ADP-ribosylation factor 6 regulates mu-opioid receptor trafficking and signaling via activation of phospholipase D2. <i>Cellular Signalling</i> , 2009, 21, 1784-1793.	3.6	30
29	Inhibition of formyl peptide receptors improves the outcome in a mouse model of Alzheimer disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 131.	7.2	27
30	Inhibition of Cell Growth of the Prostate Cancer Cell Model LNCaP by Cold Atmospheric Plasma. <i>In Vivo</i> , 2015, 29, 611-6.	1.3	27
31	Lack of Proinflammatory Cytokine Interleukin-6 or Tumor Necrosis Factor Receptor-1 Results in a Failure of the Innate Immune Response after Bacterial Meningitis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	26
32	Expression and regulation of antimicrobial peptide rCRAMP after bacterial infection in primary rat meningeal cells. <i>Journal of Neuroimmunology</i> , 2009, 217, 55-64.	2.3	23
33	Angptl4 is upregulated under inflammatory conditions in the bone marrow of mice, expands myeloid progenitors, and accelerates reconstitution of platelets after myelosuppressive therapy. <i>Journal of Hematology and Oncology</i> , 2015, 8, 64.	17.0	23
34	Toll-Like Receptor 2-Mediated Glial Cell Activation in a Mouse Model of Cuprizone-Induced Demyelination. <i>Molecular Neurobiology</i> , 2018, 55, 6237-6249.	4.0	22
35	Role of Phospholipase D in G-Protein Coupled Receptor Function. <i>Membranes</i> , 2014, 4, 302-318.	3.0	20
36	MicroRNA-1 properties in cancer regulatory networks and tumor biology. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 104, 71-77.	4.4	20

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37	Exosomal particles secreted by prostate cancer cells are potent mRNA and protein vehicles for the interference of tumor and tumor environment. <i>Prostate</i> , 2016, 76, 409-424.	2.3	19
38	Intrathecal application of the antimicrobial peptide CRAMP reduced mortality and neuroinflammation in an experimental model of pneumococcal meningitis. <i>Journal of Infection</i> , 2015, 71, 188-199.	3.3	17
39	The androgen receptor antagonist enzalutamide induces apoptosis, dysregulates the heat shock protein system, and diminishes the androgen receptor and estrogen receptor β 1 expression in prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16711-16722.	2.6	16
40	Formyl Peptide Receptor 1-Mediated Glial Cell Activation in a Mouse Model of Cuprizone-Induced Demyelination. <i>Journal of Molecular Neuroscience</i> , 2017, 62, 232-243.	2.3	15
41	Lack of Toll-like receptor 2 results in higher mortality of bacterial meningitis by impaired host resistance. <i>Journal of Neuroimmunology</i> , 2016, 299, 90-97.	2.3	14
42	Involvement of Phospholipase D 1 and 2 in the subcellular localization and activity of formyl-peptide-receptors in the human colonic cell line HT29. <i>Molecular Membrane Biology</i> , 2009, 26, 371-383.	2.0	13
43	CRAMP deficiency leads to a pro-inflammatory phenotype and impaired phagocytosis after exposure to bacterial meningitis pathogens. <i>Cell Communication and Signaling</i> , 2017, 15, 32.	6.5	13
44	The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Exhibits Anti-Inflammatory Activity in LPS-Stimulated Organotypic Hippocampal Cultures. <i>Cells</i> , 2021, 10, 1524.	4.1	13
45	The formyl peptide receptor agonist Ac2-26 alleviates neuroinflammation in a mouse model of pneumococcal meningitis. <i>Journal of Neuroinflammation</i> , 2020, 17, 325.	7.2	12
46	CpG oligodeoxynucleotides induce the expression of the antimicrobial peptide cathelicidin in glial cells. <i>Journal of Neuroimmunology</i> , 2013, 255, 18-31.	2.3	11
47	Expression and Function of Psoriasin (S100A7) and Koebnerisin (S100A15) in the Brain. <i>Infection and Immunity</i> , 2013, 81, 1788-1797.	2.2	11
48	The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Improves Ex Vivo and In Vivo Amyloid Beta (β 42)-Induced Neuroinflammation in Mouse Models of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 6203-6221.	4.0	10
49	Lack of chemokine (C-C motif) ligand 3 leads to decreased survival and reduced immune response after bacterial meningitis. <i>Cytokine</i> , 2018, 111, 246-254.	3.2	7
50	In Vitro Cultivation of Primary Prostate Cancer Cells Alters the Molecular Biomarker Pattern. <i>In Vivo</i> , 2016, 30, 573-9.	1.3	7
51	Different Cytokine and Chemokine Expression Patterns in Malignant Compared to Those in Nonmalignant Renal Cells. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-8.	1.4	6
52	MicroRNA-1 and MicroRNA-21 Individually Regulate Cellular Growth of Non-malignant and Malignant Renal Cells. <i>In Vivo</i> , 2017, 31, 625-630.	1.3	6
53	Psoriasin has divergent effects on the innate immune responses of murine glial cells. <i>Journal of Neurochemistry</i> , 2017, 141, 86-99.	3.9	5
54	Impact of Nrf2 on esophagus epithelium cornification. <i>International Journal of Dermatology</i> , 2011, 50, 1362-1365.	1.0	4

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55	Overexpression of MicroRNA-1 in Prostate Cancer Cells Modulates the Blood Vessel System of an In Vivo Hen's Egg Testâ€“Chorioallantoic Membrane Model. <i>In Vivo</i> , 2019, 33, 41-46.	1.3	4
56	miR-23a contributes to T cellular redox metabolism in juvenile idiopathic oligoarthritis. <i>Rheumatology</i> , 2022, 61, 2694-2703.	1.9	4
57	Internalization and signal transduction of PrP106âˆ“126 in neuronal cells. <i>Annals of Anatomy</i> , 2009, 191, 459-468.	1.9	2
58	Do Innate Immune Gene Variations Contribute to Susceptibility and Severity of Pneumococcal Meningitis?. <i>EBioMedicine</i> , 2016, 10, 9-10.	6.1	1