Lars-Ove Brandenburg

List of Publications by Year
in descending order

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	miR-23a contributes to T cellular redox metabolism in juvenile idiopathic oligoarthritis. Rheumatology, 2022, 61, 2694-2703.	1.9	4
2	The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Exhibits Anti-Inflammatory Activity in LPS-Stimulated Organotypic Hippocampal Cultures. Cells, 2021, 10, 1524.	4.1	13
3	The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Improves Ex Vivo and In Vivo Amyloid Beta (1â€“42)-Induced Neuroinflammation in Mouse Models of Alzheimerâ€™s Disease. Molecular Neurobiology, 2021, 58, 6203-6221.	4.0	10
4	The formyl peptide receptor agonist Ac2-26 alleviates neuroinflammation in a mouse model of pneumococcal meningitis. Journal of Neuroinflammation, 2020, 17, 325.	7.2	12
5	Inhibition of formyl peptide receptors improves the outcome in a mouse model of Alzheimer disease. Journal of Neuroinflammation, 2020, 17, 131.	7.2	27
6	The annexin A1/FPR2 signaling axis expands alveolar macrophages, limits viral replication, and attenuates pathogenesis in the murine influenza A virus infection model. FASEB Journal, 2019, 33, 12188-12199.	0.5	43
7	The androgen receptor antagonist enzalutamide induces apoptosis, dysregulates the heat shock protein system, and diminishes the androgen receptor and estrogen receptor Î²1 expression in prostate cancer cells. Journal of Cellular Biochemistry, 2019, 120, 16711-16722.	2.6	16
8	Overexpression of MicroRNA-1 in Prostate Cancer Cells Modulates the Blood Vessel System of an In Vivo Hen's Egg Testâ€“Chorioallantoic Membrane Model. In Vivo, 2019, 33, 41-46.	1.3	4
9	Toll-Like Receptor 2-Mediated Glial Cell Activation in a Mouse Model of Cuprizone-Induced Demyelination. Molecular Neurobiology, 2018, 55, 6237-6249.	4.0	22
10	Lack of chemokine (C-C motif) ligand 3 leads to decreased survival and reduced immune response after bacterial meningitis. Cytokine, 2018, 111, 246-254.	3.2	7
11	Psoriasin has divergent effects on the innate immune responses of murine glial cells. Journal of Neurochemistry, 2017, 141, 86-99.	3.9	5
12	Formyl Peptide Receptor 1-Mediated Glial Cell Activation in a Mouse Model of Cuprizone-Induced Demyelination. Journal of Molecular Neuroscience, 2017, 62, 232-243.	2.3	15
13	Oral administration of methysticin improves cognitive deficits in a mouse model of Alzheimer's disease. Redox Biology, 2017, 12, 843-853.	9.0	62
14	Combination of cuprizone and experimental autoimmune encephalomyelitis to study inflammatory brain lesion formation and progression. Glia, 2017, 65, 1900-1913.	4.9	56
15	CRAMP deficiency leads to a pro-inflammatory phenotype and impaired phagocytosis after exposure to bacterial meningitis pathogens. Cell Communication and Signaling, 2017, 15, 32.	6.5	13
16	Different Cytokine and Chemokine Expression Patterns in Malignant Compared to Those in Nonmalignant Renal Cells. Analytical Cellular Pathology, 2017, 2017, 1-8.	1.4	6
17	MicroRNA-1 and MicroRNA-21 Individually Regulate Cellular Growth of Non-malignant and Malignant Renal Cells. In Vivo, 2017, 31, 625-630.	1.3	6
18	Lack of Proinflammatory Cytokine Interleukin-6 or Tumor Necrosis Factor Receptor-1 Results in a Failure of the Innate Immune Response after Bacterial Meningitis. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	26

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19	Exosomal particles secreted by prostate cancer cells are potent mRNA and protein vehicles for the interference of tumor and tumor environment. Prostate, 2016, 76, 409-424.	2.3	19
20	Do Innate Immune Gene Variations Contribute to Susceptibility and Severity of Pneumococcal Meningitis?. EBioMedicine, 2016, 10, 9-10.	6.1	1
21	Lack of Toll-like receptor 2 results in higher mortality of bacterial meningitis by impaired host resistance. Journal of Neuroimmunology, 2016, 299, 90-97.	2.3	14
22	MicroRNA-1 properties in cancer regulatory networks and tumor biology. Critical Reviews in Oncology/Hematology, 2016, 104, 71-77.	4.4	20
23	In Vitro Cultivation of Primary Prostate Cancer Cells Alters the Molecular Biomarker Pattern. In Vivo, 2016, 30, 573-9.	1.3	7
24	Angptl4 is upregulated under inflammatory conditions in the bone marrow of mice, expands myeloid progenitors, and accelerates reconstitution of platelets after myelosuppressive therapy. Journal of Hematology and Oncology, 2015, 8, 64.	17.0	23
25	Intrathecal application of the antimicrobial peptide CRAMP reduced mortality and neuroinflammation in an experimental model of pneumococcal meningitis. Journal of Infection, 2015, 71, 188-199.	3.3	17
26	Inhibition of Cell Growth of the Prostate Cancer Cell Model LNCaP by Cold Atmospheric Plasma. In Vivo, 2015, 29, 611-6.	1.3	27
27	Mechanical Forces Induce Changes in VEGF and VEGFR-1/sFlt-1 Expression in Human Chondrocytes. International Journal of Molecular Sciences, 2014, 15, 15456-15474.	4.1	38
28	Role of the Cathelicidin-Related Antimicrobial Peptide in Inflammation and Mortality in a Mouse Model of Bacterial Meningitis. Journal of Innate Immunity, 2014, 6, 205-218.	3.8	38
29	Role of Phospholipase D in G-Protein Coupled Receptor Function. Membranes, 2014, 4, 302-318.	3.0	20
30	Role of platelet-released growth factors in detoxification of reactive oxygen species in osteoblasts. Bone, 2014, 65, 9-17.	2.9	68
31	Lack of formyl peptide receptor 1 and 2 leads to more severe inflammation and higher mortality in mice with of pneumococcal meningitis. Immunology, 2014, 143, 447-461.	4.4	52
32	Deficiency of Formyl Peptide Receptor 1 and 2 Is Associated with Increased Inflammation and Enhanced Liver Injury after LPS-Stimulation. PLoS ONE, 2014, 9, e100522.	2.5	32
33	CpG oligodeoxynucleotides induce the expression of the antimicrobial peptide cathelicidin in glial cells. Journal of Neuroimmunology, 2013, 255, 18-31.	2.3	11
34	Expression and Function of Psoriasin (S100A7) and Koebnerisin (S100A15) in the Brain. Infection and Immunity, 2013, 81, 1788-1797.	2.2	11
35	Involvement of formyl peptide receptors in receptor for advanced glycation end products (RAGE) - and amyloid beta 1-42-induced signal transduction in glial cells. Molecular Neurodegeneration, 2012, 7, 55.	10.8	74
36	Antimicrobial Peptides: Multifunctional Drugs for Different Applications. Polymers, 2012, 4, 539-560.	4.5	96

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37	Nrf2 Expression by Neurons, Astroglia, and Microglia in the Cerebral Cortical Penumbra of Ischemic Rats. Journal of Molecular Neuroscience, 2012, 46, 578-584.	2.3	55
38	Role of oxidative stress in rheumatoid arthritis: insights from the Nrf2-knockout mice. Annals of the Rheumatic Diseases, 2011, 70, 844-850.	0.9	223
39	Impact of Nrf2 on esophagus epithelium cornification. International Journal of Dermatology, 2011, 50, 1362-1365.	1.0	4
40	Thrombocytes are effectors of the innate immune system releasing human beta defensin-3. Injury, 2011, 42, 682-686.	1.7	44
41	The formyl peptide receptor like-1 and scavenger receptor MARCO are involved in glial cell activation in bacterial meningitis. Journal of Neuroinflammation, 2011, 8, 11.	7.2	42
42	Nrf2 Induces Interleukin-6 (IL-6) Expression via an Antioxidant Response Element within the IL-6 Promoter. Journal of Biological Chemistry, 2011, 286, 4493-4499.	3.4	109
43	Sulforaphane suppresses LPS-induced inflammation in primary rat microglia. Inflammation Research, 2010, 59, 443-450.	4.0	116
44	Antimicrobial peptide rCRAMP induced glial cell activation through P2Y receptor signalling pathways. Molecular Immunology, 2010, 47, 1905-1913.	2.2	41
45	Functional and physical interactions between formylâ€peptideâ€receptors and scavenger receptor MARCO and their involvement in amyloid beta 1â€"42â€induced signal transduction in glial cells. Journal of Neurochemistry, 2010, 113, 749-760.	3.9	65
46	Expression and regulation of antimicrobial peptide rCRAMP after bacterial infection in primary rat meningeal cells. Journal of Neuroimmunology, 2009, 217, 55-64.	2.3	23
47	ADP-ribosylation factor 6 regulates mu-opioid receptor trafficking and signaling via activation of phospholipase D2. Cellular Signalling, 2009, 21, 1784-1793.	3.6	30
48	Internalization and signal transduction of PrP106â^'126 in neuronal cells. Annals of Anatomy, 2009, 191, 459-468.	1.9	2
49	Involvement of Phospholipase D 1 and 2 in the subcellular localization and activity of formyl-peptide-receptors in the human colonic cell line HT29. Molecular Membrane Biology, 2009, 26, 371-383.	2.0	13
50	Role of receptor internalization in the agonistâ€induced desensitization of cannabinoid type 1 receptors. Journal of Neurochemistry, 2008, 104, 1132-1143.	3.9	92
51	Involvement of formyl-peptide-receptor-like-1 and phospholipase D in the internalization and signal transduction of amyloid beta 1-42 in glial cells. Neuroscience, 2008, 156, 266-276.	2.3	47
52	Kavalactones Protect Neural Cells against Amyloid Î² Peptide-Induced Neurotoxicity via Extracellular Signal-Regulated Kinase 1/2-Dependent Nuclear Factor Erythroid 2-Related Factor 2 Activation. Molecular Pharmacology, 2008, 73, 1785-1795.	2.3	108
53	Role of Glial Cells in the Functional Expression of LL-37/Rat Cathelin-Related Antimicrobial Peptide in Meningitis. Journal of Neuropathology and Experimental Neurology, 2008, 67, 1041-1054.	1.7	64
54	Role of phospholipase D2 in the agonist-induced and constitutive endocytosis of G-protein coupled receptors. Journal of Neurochemistry, 2006, 97, 365-372.	3.9	50

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55	Internalization of PrP106-126 by the formyl-peptide-receptor-like-1 in glial cells. Journal of Neurochemistry, 2006, 101, 718-728.	3.9	31
56	Receptor Endocytosis Counteracts the Development of Opioid Tolerance. Molecular Pharmacology, 2005, 67, 280-287.	2.3	153
57	Phospholipase D2 modulates agonist-induced Âµ-opioid receptor desensitization and resensitization. Journal of Neurochemistry, 2003, 88, 680-688.	3.9	64
58	ADP-ribosylation Factor-dependent Phospholipase D2 Activation Is Required for Agonist-induced Î¼-Opioid Receptor Endocytosis. Journal of Biological Chemistry, 2003, 278, 9979-9985.	3.4	91