

Eva Bernhart

List of Publications by Year in descending order

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27
papers

809
citations

567281

15
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	MICU1 controls cristae junction and spatially anchors mitochondrial Ca ²⁺ uniporter complex. <i>Nature Communications</i> , 2019, 10, 3732.	12.8	90
2	Development of novel FP-based probes for live-cell imaging of nitric oxide dynamics. <i>Nature Communications</i> , 2016, 7, 10623.	12.8	84
3	1-O-oleyl-lysophosphatidic acid (LPA) promotes polarization of BV-2 and primary murine microglia towards an M1-like phenotype. <i>Journal of Neuroinflammation</i> , 2016, 13, 205.	7.2	80
4	Lysophosphatidic acid receptor activation affects the C13N1 microglia cell line proteome leading to alterations in glycolysis, motility, and cytoskeletal architecture. <i>Proteomics</i> , 2010, 10, 141-158.	2.2	65
5	MAPK signaling determines lysophosphatidic acid (LPA)-induced inflammation in microglia. <i>Journal of Neuroinflammation</i> , 2020, 17, 127.	7.2	62
6	On the role of 25-hydroxycholesterol synthesis by glioblastoma cell lines. Implications for chemotactic monocyte recruitment. <i>Experimental Cell Research</i> , 2013, 319, 1828-1838.	2.6	61
7	Protein kinase D2 regulates migration and invasion of U87MG glioblastoma cells in vitro. <i>Experimental Cell Research</i> , 2013, 319, 2037-2048.	2.6	37
8	Activation of the MAPK/Akt/Nrf2-Egr1/HO-1-GCLC axis protects MG-63 osteosarcoma cells against 15d-PGJ2-mediated cell death. <i>Biochemical Pharmacology</i> , 2016, 104, 29-41.	4.4	33
9	Histone deacetylase inhibitors vorinostat and panobinostat induce G1 cell cycle arrest and apoptosis in multidrug resistant sarcoma cell lines. <i>Oncotarget</i> , 2017, 8, 77254-77267.	1.8	33
10	Interference with distinct steps of sphingolipid synthesis and signaling attenuates proliferation of U87MG glioma cells. <i>Biochemical Pharmacology</i> , 2015, 96, 119-130.	4.4	31
11	2-Chlorohexadecanoic acid induces ER stress and mitochondrial dysfunction in brain microvascular endothelial cells. <i>Redox Biology</i> , 2018, 15, 441-451.	9.0	28
12	Influence of eukaryotic translation initiation factor 6 on non-small cell lung cancer development and progression. <i>European Journal of Cancer</i> , 2018, 101, 165-180.	2.8	28
13	Silencing of protein kinase D2 induces glioma cell senescence via p53-dependent and -independent pathways. <i>Neuro-Oncology</i> , 2014, 16, 933-945.	1.2	25
14	Small-Molecule Lysophosphatidic Acid Receptor 5 (LPAR5) Antagonists: Versatile Pharmacological Tools to Regulate Inflammatory Signaling in BV-2 Microglia Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 531.	3.7	22
15	Assessment of electrophile damage in a human brain endothelial cell line utilizing a clickable alkyne analog of 2-chlorohexadecanal. <i>Free Radical Biology and Medicine</i> , 2016, 90, 59-74.	2.9	15
16	Pharmacological Inhibition of Serine Palmitoyl Transferase and Sphingosine Kinase-1/-2 Inhibits Merkel Cell Carcinoma Cell Proliferation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 807-817.	0.7	15
17	Periplocin mediates TRAIL-induced apoptosis and cell cycle arrest in human myxofibrosarcoma cells via the ERK/p38/JNK pathway. <i>Phytomedicine</i> , 2020, 76, 153262.	5.3	13
18	Inhibition of Autotaxin and Lysophosphatidic Acid Receptor 5 Attenuates Neuroinflammation in LPS-Activated BV-2 Microglia and a Mouse Endotoxemia Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8519.	4.1	12

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19	Myeloperoxidase and Septic Conditions Disrupt Sphingolipid Homeostasis in Murine Brain Capillaries In Vivo and Immortalized Human Brain Endothelial Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1143.	4.1	11
20	Circulating cord blood HDL-S1P complex preserves the integrity of the feto-placental vasculature. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158632.	2.4	11
21	Lysophosphatidic Acid Induces Aerobic Glycolysis, Lipogenesis, and Increased Amino Acid Uptake in BV-2 Microglia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1968.	4.1	10
22	25-O-acetyl-23,24-dihydro-cucurbitacin F induces cell cycle G2/M arrest and apoptosis in human soft tissue sarcoma cells. <i>Journal of Ethnopharmacology</i> , 2015, 164, 265-272.	4.1	9
23	A short-term in vivo model for Merkel Cell Carcinoma. <i>Experimental Dermatology</i> , 2018, 27, 684-687.	2.9	8
24	Myeloperoxidase-Derived 2-Chlorohexadecanal Is Generated in Mouse Heart during Endotoxemia and Induces Modification of Distinct Cardiomyocyte Protein Subsets In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9235.	4.1	8
25	Covalent adduct formation between the plasmalogen-derived modification product 2-chlorohexadecanal and phloretin. <i>Biochemical Pharmacology</i> , 2015, 93, 470-481.	4.4	7
26	Native Oligodendrocytes in Astrocytomas Might Inhibit Tumor Proliferation by WIF1 Expression. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 76, nlw098.	1.7	7
27	Lysophosphatidic Acid Receptor 5 (LPA5) Knockout Ameliorates the Neuroinflammatory Response In Vivo and Modifies the Inflammatory and Metabolic Landscape of Primary Microglia In Vitro. <i>Cells</i> , 2022, 11, 1071.	4.1	4