

# Heike Franke

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,967  
citations

304743

22  
h-index

276875

41  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Assessment of Caffeine and Epigallocatechin Gallate in Coffee Leaf Tea. <i>Foods</i> , 2022, 11, 263.	4.3	12
2	Amphiphilic Anionic Oligomer-Stabilized Calcium Phosphate Nanoparticles with Prospects in siRNA Delivery via Convection-Enhanced Delivery. <i>Pharmaceutics</i> , 2022, 14, 326.	4.5	6
3	Forensic biomarkers of lethal traumatic brain injury. <i>International Journal of Legal Medicine</i> , 2022, 136, 871-886.	2.2	9
4	How Prof. Burnstock's enthusiasm supported P2 receptor research in Germany. <i>Purinergic Signalling</i> , 2021, 17, 139-140.	2.2	0
5	BAC transgenic mice to study the expression of P2X2 and P2Y1 receptors. <i>Purinergic Signalling</i> , 2021, 17, 449-465.	2.2	4
6	GFAP positivity in neurons following traumatic brain injuries. <i>International Journal of Legal Medicine</i> , 2021, 135, 2323-2333.	2.2	15
7	Tyrosine-modified linear PEIs for highly efficacious and biocompatible siRNA delivery in vitro and in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102403.	3.3	16
8	Assessing Protein Biomarkers to Detect Lethal Acute Traumatic Brain Injuries in Cerebrospinal Fluid. <i>Biomolecules</i> , 2021, 11, 1577.	4.0	9
9	Involvement of GPR17 in Neuronal Fibre Outgrowth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11683.	4.1	3
10	Glioblastoma Tissue Slice Tandem-Cultures for Quantitative Evaluation of Inhibitory Effects on Invasion and Growth. <i>Cancers</i> , 2020, 12, 2707.	3.7	6
11	SATB1 as oncogenic driver and potential therapeutic target in head & neck squamous cell carcinoma (HNSCC). <i>Scientific Reports</i> , 2020, 10, 8615.	3.3	8
12	Survival-time dependent increase in neuronal IL-6 and astroglial GFAP expression in fatally injured human brain tissue. <i>Scientific Reports</i> , 2019, 9, 11771.	3.3	25
13	Ricin and <i>Ricinus communis</i> in pharmacology and toxicology-from ancient use and "Papyrus Ebers" to modern perspectives and "poisonous plant of the year 2018". <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1181-1208.	3.0	33
14	Post-mortem in situ stability of serum markers of cerebral damage and acute phase response. <i>International Journal of Legal Medicine</i> , 2019, 133, 871-881.	2.2	19
15	Golgi Fragmentation in Human Patients with Chronic Atrial Fibrillation: A New Aspect of Remodeling. <i>Thoracic and Cardiovascular Surgeon</i> , 2019, 67, 098-106.	1.0	8
16	Post-mortem biochemistry of NSE and S100B: A supplemental tool for detecting a lethal traumatic brain injury?. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 55, 65-73.	1.0	26
17	Intraneural Injection of ATP Stimulates Regeneration of Primary Sensory Axons in the Spinal Cord. <i>Journal of Neuroscience</i> , 2018, 38, 1351-1365.	3.6	27
18	Acute phase response after fatal traumatic brain injury. <i>International Journal of Legal Medicine</i> , 2018, 132, 531-539.	2.2	41

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19	Measurement of Cerebral Biomarkers Proving Traumatic Brain Injuries in Post-Mortem Body Fluids. <i>Journal of Neurotrauma</i> , 2018, 35, 2044-2055.	3.4	20
20	Drug- and/or trauma-induced hyperthermia? Characterization of HSP70 and myoglobin expression. <i>PLoS ONE</i> , 2018, 13, e0194442.	2.5	7
21	Optimized polyethylenimine (PEI)-based nanoparticles for siRNA delivery, analyzed in vitro and in an ex vivo tumor tissue slice culture model. <i>Drug Delivery and Translational Research</i> , 2017, 7, 206-216.	5.8	40
22	Tumor tissue slice cultures as a platform for analyzing tissue-penetration and biological activities of nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 45-50.	4.3	16
23	Comparative risk assessment of tobacco smoke constituents using the margin of exposure approach: the neglected contribution of nicotine. <i>Scientific Reports</i> , 2016, 6, 35577.	3.3	19
24	Lack of functional P2X7 receptor aggravates brain edema development after middle cerebral artery occlusion. <i>Purinergic Signalling</i> , 2016, 12, 453-463.	2.2	20
25	Purines in neurite growth and astroglia activation. <i>Neuropharmacology</i> , 2016, 104, 255-271.	4.1	17
26	Critical Evaluation of P2X7 Receptor Antagonists in Selected Seizure Models. <i>PLoS ONE</i> , 2016, 11, e0156468.	2.5	57
27	P2Y1 receptor mediated neuronal fibre outgrowth in organotypic brain slice co-cultures. <i>Neuropharmacology</i> , 2015, 93, 252-266.	4.1	12
28	Alterations of neuronal precursor cells in stages of human adult neurogenesis in heroin addicts. <i>Drug and Alcohol Dependence</i> , 2015, 156, 139-149.	3.2	35
29	Nimodipine enhances neurite outgrowth in dopaminergic brain slice co-cultures. <i>International Journal of Developmental Neuroscience</i> , 2015, 40, 1-11.	1.6	20
30	Impaired Cognition after Stimulation of P2Y1 Receptors in the Rat Medial Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2015, 40, 305-314.	5.4	28
31	Nucleotide signaling in astrogliosis. <i>Neuroscience Letters</i> , 2014, 565, 14-22.	2.1	43
32	Organotypic Slice Co-culture Systems to Study Axon Regeneration in the Dopaminergic System Ex Vivo. <i>Methods in Molecular Biology</i> , 2014, 1162, 97-111.	0.9	12
33	Pathological Potential of Astroglial Purinergic Receptors. <i>Advances in Neurobiology</i> , 2014, 11, 213-256.	1.8	13
34	S100B and NSE as Useful Postmortem Biochemical Markers of Traumatic Brain Injury in Autopsy Cases. <i>Journal of Neurotrauma</i> , 2013, 30, 1862-1871.	3.4	36
35	Changes of the GPR17 receptor, a new target for neurorepair, in neurons and glial cells in patients with traumatic brain injury. <i>Purinergic Signalling</i> , 2013, 9, 451-462.	2.2	54
36	Pathophysiology of astroglial purinergic signalling. <i>Purinergic Signalling</i> , 2012, 8, 629-657.	2.2	171

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37	Role of G protein-coupled receptors (GPCRs) for purines and pyrimidines in mediating degeneration and regeneration under neuroinflammatory processes. <i>Purinergic Signalling</i> , 2011, 7, 1-5.	2.2	6
38	Increase of intracellular Ca <sup>2+</sup> by P2Y but not P2X receptors in cultured cortical multipolar neurons of the rat. <i>Journal of Comparative Neurology</i> , 2009, 516, spc1-spc1.	1.6	0
39	Increase of intracellular Ca <sup>2+</sup> by P2Y but not P2X receptors in cultured cortical multipolar neurons of the rat. <i>Journal of Comparative Neurology</i> , 2009, 516, spc1-spc1.	1.6	0
40	Changes in purinergic signaling after cerebral injury – involvement of glutamatergic mechanisms?. <i>International Journal of Developmental Neuroscience</i> , 2006, 24, 123-132.	1.6	59
41	P2 receptors and neuronal injury. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 452, 622-644.	2.8	151
42	Involvement of P2 receptors in the growth and survival of neurons in the CNS. , 2006, 109, 297-324.		215
43	P2X <sub>7</sub> receptor-mRNA and -protein in the mouse retina; changes during retinal degeneration in BALB/C mice. <i>Neurochemistry International</i> , 2005, 47, 235-242.	3.8	57
44	P2X <sub>7</sub> Receptor Expression after Ischemia in the Cerebral Cortex of Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 686-699.	1.7	211
45	Enhanced P2Y <sub>1</sub> receptor expression in the brain after sensitisation with d-amphetamine. <i>Psychopharmacology</i> , 2003, 167, 187-194.	3.1	33
46	Immunoreactivity for glial fibrillary acidic protein and P2 receptor expression on astrocytes in vivo. <i>Drug Development Research</i> , 2003, 59, 175-189.	2.9	9
47	Dopaminergic neurons develop axonal projections to their target areas in organotypic co-cultures of the ventral mesencephalon and the striatum/prefrontal cortex. <i>Neurochemistry International</i> , 2003, 42, 431-439.	3.8	48
48	5,7-Dihydroxytryptamine - a selective marker of dopaminergic or serotonergic neurons?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 315-318.	3.0	6
49	P2 receptors on macroglial cells: Functional implications for gliosis. <i>Drug Development Research</i> , 2001, 53, 140-147.	2.9	11
50	P2 receptor-types involved in astrogliosis in vivo. <i>British Journal of Pharmacology</i> , 2001, 134, 1180-1189.	5.4	93
51	Inhibition by adenosine A <sub>2A</sub> receptors of NMDA but not AMPA currents in rat neostriatal neurons. <i>British Journal of Pharmacology</i> , 2000, 130, 259-269.	5.4	69
52	P2 receptor-mediated proliferative effects on astrocytes in vivo. <i>Glia</i> , 1999, 28, 190-200.	4.9	102