

Udo Kraushaar

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

974
citations

686830

13
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

1546
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and Stability of Quantal GABA Release at a Hippocampal Interneuronâ€“Principal Neuron Synapse. <i>Journal of Neuroscience</i> , 2000, 20, 5594-5607.	1.7	259
2	PEDOTâ€“CNT Composite Microelectrodes for Recording and Electrostimulation Applications: Fabrication, Morphology, and Electrical Properties. <i>Frontiers in Neuroengineering</i> , 2012, 5, 8.	4.8	152
3	Cross-Site Reliability of Human Induced Pluripotent stem cell-derived Cardiomyocyte Based Safety Assays Using Microelectrode Arrays: Results from a Blinded CiPA Pilot Study. <i>Toxicological Sciences</i> , 2018, 164, 550-562.	1.4	90
4	Presynaptic shortâ€“term depression is maintained during regulation of transmitter release at a GABAergic synapse in rat hippocampus. <i>Journal of Physiology</i> , 2002, 539, 201-208.	1.3	73
5	Cardiotoxicity testing using pluripotent stem cellâ€“derived human cardiomyocytes and stateâ€“ofâ€“theâ€“art bioanalytics: a review. <i>Journal of Applied Toxicology</i> , 2011, 31, 191-205.	1.4	71
6	A primary culture system for sustained expression of a calcium sensor in preserved adult rat ventricular myocytes. <i>Cell Calcium</i> , 2008, 43, 59-71.	1.1	47
7	Comparative characterization of human induced pluripotent stem cells (hiPSC) derived from patients with schizophrenia and autism. <i>Translational Psychiatry</i> , 2019, 9, 179.	2.4	40
8	Steps toward Maturation of Embryonic Stem Cell-Derived Cardiomyocytes by Defined Physical Signals. <i>Stem Cell Reports</i> , 2017, 9, 122-135.	2.3	36
9	Functional alterations by a subgroup of neonicotinoid pesticides in human dopaminergic neurons. <i>Archives of Toxicology</i> , 2021, 95, 2081-2107.	1.9	32
10	Cardiac safety pharmacology: from human ether-a-gogo related gene channel block towards induced pluripotent stem cell based disease models. <i>Expert Opinion on Drug Safety</i> , 2012, 11, 285-298.	1.0	31
11	Acute effects of the imidacloprid metabolite desnitro-imidacloprid on human nACh receptors relevant for neuronal signaling. <i>Archives of Toxicology</i> , 2021, 95, 3695-3716.	1.9	28
12	Incorporation of stem cell-derived astrocytes into neuronal organoids to allow neuro-glial interactions in toxicological studies. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 409-428.	0.9	22
13	Influence of field potential duration on spontaneous beating rate of human induced pluripotent stem cell-derived cardiomyocytes: Implications for data analysis and test system selection. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 82, 74-82.	0.3	17
14	Human neuronal signaling and communication assays to assess functional neurotoxicity. <i>Archives of Toxicology</i> , 2021, 95, 229-252.	1.9	15
15	Cardiac slices as a predictive tool for arrhythmogenic potential of drugs and chemicals. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 1461-1475.	1.5	13
16	Characterization of GABA A and glycine receptors in neurons of the developing rat inferior colliculus. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 445, 279-288.	1.3	12
17	The potential of induced pluripotent stem cells for discriminating neurodevelopmental disorders. <i>Stem Cells Translational Medicine</i> , 2021, 10, 50-56.	1.6	5
18	Semitransparent carbon microelectrodes for opto- and electrophysiology. <i>Journal of Micromechanics and Microengineering</i> , 2018, 28, 075007.	1.5	3

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19	Assay Procedures for Compound Testing of hiPSC-Derived Cardiomyocytes Using Multiwell Microelectrode Arrays. <i>Methods in Molecular Biology</i> , 2019, 1994, 197-208.	0.4	2
20	Addressing Functional Neurotoxicity Using the Microelectrode Array (MEA). <i>Methods in Pharmacology and Toxicology</i> , 2017, , 293-309.	0.1	1