

Udo Kraushaar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

734
citations

12
h-index

21
g-index

21
ext. papers

876
ext. citations

4.5
avg, IF

3.6
L-index

#	Paper	IF	Citations
20	Efficacy and stability of quantal GABA release at a hippocampal interneuron-principal neuron synapse. <i>Journal of Neuroscience</i> , 2000 , 20, 5594-607	6.6	235
19	PEDOT-CNT Composite Microelectrodes for Recording and Electrostimulation Applications: Fabrication, Morphology, and Electrical Properties. <i>Frontiers in Neuroengineering</i> , 2012 , 5, 8		122
18	Presynaptic short-term depression is maintained during regulation of transmitter release at a GABAergic synapse in rat hippocampus. <i>Journal of Physiology</i> , 2002 , 539, 201-8	3.9	66
17	Cardiotoxicity testing using pluripotent stem cell-derived human cardiomyocytes and state-of-the-art bioanalytics: a review. <i>Journal of Applied Toxicology</i> , 2011 , 31, 191-205	4.1	63
16	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	4.4	61
15	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	4	39
14	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, 285-98	4.1	27
13	Steps toward Maturation of Embryonic Stem Cell-Derived Cardiomyocytes by Defined Physical Signals. <i>Stem Cell Reports</i> , 2017 , 9, 122-135	8	25
12	Comparative characterization of human induced pluripotent stem cells (hiPSC) derived from patients with schizophrenia and autism. <i>Translational Psychiatry</i> , 2019 , 9, 179	8.6	21
11	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	1.7	12
10	Cardiac slices as a predictive tool for arrhythmogenic potential of drugs and chemicals. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010 , 6, 1461-75	5.5	12
9	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	4.3	11
8	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, 279-88	4.6	9
7	Functional alterations by a subgroup of neonicotinoid pesticides in human dopaminergic neurons. <i>Archives of Toxicology</i> , 2021 , 95, 2081-2107	5.8	4
6	Semitransparent carbon microelectrodes for opto- and electrophysiology. <i>Journal of Micromechanics and Microengineering</i> , 2018 , 28, 075007	2	3
5	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	5.8	3
4	Human neuronal signaling and communication assays to assess functional neurotoxicity. <i>Archives of Toxicology</i> , 2021 , 95, 229-252	5.8	3

3	The potential of induced pluripotent stem cells for discriminating neurodevelopmental disorders. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 50-56	6.9	2
2	Addressing Functional Neurotoxicity Using the Microelectrode Array (MEA). <i>Methods in Pharmacology and Toxicology</i> , 2017 , 293-309	1.1	1
1	Assay Procedures for Compound Testing of hiPSC-Derived Cardiomyocytes Using Multiwell Microelectrode Arrays. <i>Methods in Molecular Biology</i> , 2019 , 1994, 197-208	1.4	1