Udo Kraushaar

List of Publications by Year in Descending Order

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	Acute effects of the imidacloprid metabolite desnitro-imidacloprid on human nACh receptors relevant for neuronal signaling. *Archives of Toxicology*, **2021**, 95, 3695-3716	5.8	3
19	Human neuronal signaling and communication assays to assess functional neurotoxicity. *Archives of Toxicology*, **2021**, 95, 229-252	5.8	3
18	The potential of induced pluripotent stem cells for discriminating neurodevelopmental disorders. *Stem Cells Translational Medicine*, **2021**, 10, 50-56	6.9	2
17	Functional alterations by a subgroup of neonicotinoid pesticides in human dopaminergic neurons. *Archives of Toxicology*, **2021**, 95, 2081-2107	5.8	4
16	Incorporation of stem cell-derived astrocytes into neuronal organoids to allow neuro-glial interactions in toxicological studies. *ALTEX: Alternatives To Animal Experimentation*, **2020**, 37, 409-428	4.3	11
15	Assay Procedures for Compound Testing of hiPSC-Derived Cardiomyocytes Using Multiwell Microelectrode Arrays. *Methods in Molecular Biology*, **2019**, 1994, 197-208	1.4	1
14	Comparative characterization of human induced pluripotent stem cells (hiPSC) derived from patients with schizophrenia and autism. *Translational Psychiatry*, **2019**, 9, 179	8.6	21
13	Cross-Site Reliability of Human Induced Pluripotent stem cell-derived Cardiomyocyte Based Safety Assays Using Microelectrode Arrays: Results from a Blinded CiPA Pilot Study. *Toxicological Sciences*, **2018**, 164, 550-562	4.4	61
12	Semitransparent carbon microelectrodes for opto- and electrophysiology. *Journal of Micromechanics and Microengineering*, **2018**, 28, 075007	2	3
11	Addressing Functional Neurotoxicity Using the Microelectrode Array (MEA). *Methods in Pharmacology and Toxicology*, **2017**, 293-309	1.1	1
10	Steps toward Maturation of Embryonic Stem Cell-Derived Cardiomyocytes by Defined Physical Signals. *Stem Cell Reports*, **2017**, 9, 122-135	8	25
9	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. *Journal of Pharmacological and Toxicological Methods*, **2016**, 82, 74-82	1.7	12
8	PEDOT-CNT Composite Microelectrodes for Recording and Electrostimulation Applications: Fabrication, Morphology, and Electrical Properties. *Frontiers in Neuroengineering*, **2012**, 5, 8		122
7	Cardiac safety pharmacology: from human ether-a-gogo related gene channel block towards induced pluripotent stem cell based disease models. *Expert Opinion on Drug Safety*, **2012**, 11, 285-98	4.1	27
6	Cardiotoxicity testing using pluripotent stem cell-derived human cardiomyocytes and state-of-the-art bioanalytics: a review. *Journal of Applied Toxicology*, **2011**, 31, 191-205	4.1	63
5	Cardiac slices as a predictive tool for arrhythmogenic potential of drugs and chemicals. *Expert Opinion on Drug Metabolism and Toxicology*, **2010**, 6, 1461-75	5.5	12
4	A primary culture system for sustained expression of a calcium sensor in preserved adult rat ventricular myocytes. *Cell Calcium*, **2008**, 43, 59-71	4	39

3	Characterization of GABA(A) and glycine receptors in neurons of the developing rat inferior colliculus. *Pflugers Archiv European Journal of Physiology*, **2002**, 445, 279-88	4.6	9
2	Presynaptic short-term depression is maintained during regulation of transmitter release at a GABAergic synapse in rat hippocampus. *Journal of Physiology*, **2002**, 539, 201-8	3.9	66
1	Efficacy and stability of quantal GABA release at a hippocampal interneuron-principal neuron synapse. *Journal of Neuroscience*, **2000**, 20, 5594-607	6.6	235