

Laura Hondebrink

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.

32 papers	592 citations	14 h-index	24 g-index
40 ext. papers	724 ext. citations	5.3 avg, IF	4.25 L-index

#	Paper	IF	Citations
32	Monitoring new psychoactive substances (NPS) in The Netherlands: data from the drug market and the Poisons Information Centre. <i>Drug and Alcohol Dependence</i> , 2015 , 147, 109-15	4.9	83
31	Effect fingerprinting of new psychoactive substances (NPS): What can we learn from in vitro data?. <i>Pharmacology & Therapeutics</i> , 2018 , 182, 193-224	13.9	51
30	Is the time right for in vitro neurotoxicity testing using human iPSC-derived neurons?. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016 , 33, 261-71	4.3	49
29	Neurotoxicity screening of (illicit) drugs using novel methods for analysis of microelectrode array (MEA) recordings. <i>NeuroToxicology</i> , 2016 , 55, 1-9	4.4	44
28	Pharmacokinetics and pharmacodynamics of 3,4-methylenedioxymethamphetamine (MDMA): interindividual differences due to polymorphisms and drug-drug interactions. <i>Critical Reviews in Toxicology</i> , 2012 , 42, 854-76	5.7	37
27	Measuring inhibition of monoamine reuptake transporters by new psychoactive substances (NPS) in real-time using a high-throughput, fluorescence-based assay. <i>Toxicology in Vitro</i> , 2017 , 45, 60-71	3.6	36
26	Pharmacokinetics, pharmacodynamics and toxicology of new psychoactive substances (NPS): 2C-B, 4-fluoroamphetamine and benzofurans. <i>Drug and Alcohol Dependence</i> , 2015 , 157, 18-27	4.9	35
25	Neuropharmacological characterization of the new psychoactive substance methoxetamine. <i>Neuropharmacology</i> , 2017 , 123, 1-9	5.5	28
24	Neurotoxicity screening of new psychoactive substances (NPS): Effects on neuronal activity in rat cortical cultures using microelectrode arrays (MEA). <i>NeuroToxicology</i> , 2018 , 66, 87-97	4.4	25
23	Fatalities, Cerebral Hemorrhage, and Severe Cardiovascular Toxicity After Exposure to the New Psychoactive Substance 4-Fluoroamphetamine: A Prospective Cohort Study. <i>Annals of Emergency Medicine</i> , 2018 , 71, 294-305	2.1	21
22	Cardiotoxicity screening of illicit drugs and new psychoactive substances (NPS) in human iPSC-derived cardiomyocytes using microelectrode array (MEA) recordings. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 136, 102-112	5.8	20
21	High concentrations of MDMA (Ecstasy) and its metabolite MDA inhibit calcium influx and depolarization-evoked vesicular dopamine release in PC12 cells. <i>Neuropharmacology</i> , 2011 , 61, 202-8	5.5	19
20	New psychoactive substances (NPS) in the Netherlands: occurrence in forensic drug samples, consumer drug samples and poisons center exposures between 2013 and 2017. <i>Addiction</i> , 2020 , 115, 716-725	4.6	17
19	Modulation of human GABAA receptor function: a novel mode of action of drugs of abuse. <i>NeuroToxicology</i> , 2011 , 32, 823-7	4.4	16
18	Acute toxic effects related to 4-fluoroamphetamine. <i>Lancet, The</i> , 2017 , 389, 600	4.0	14
17	Additive inhibition of human $\alpha 1$ GABAA receptors by mixtures of commonly used drugs of abuse. <i>NeuroToxicology</i> , 2013 , 35, 23-9	4.4	13
16	Amphetamine reduces vesicular dopamine content in dexamethasone-differentiated PC12 cells only following L-DOPA exposure. <i>Journal of Neurochemistry</i> , 2009 , 111, 624-33	6	12

15	Changes in neuronal activity in rat primary cortical cultures induced by illicit drugs and new psychoactive substances (NPS) following prolonged exposure and washout to mimic human exposure scenarios. <i>NeuroToxicology</i> , 2019 , 74, 28-39	4.4	11
14	Methamphetamine, amphetamine, MDMA (Ecstasy), MDA and mCPP modulate electrical and cholinergic input in PC12 cells. <i>NeuroToxicology</i> , 2012 , 33, 255-60	4.4	11
13	Structure-dependent inhibition of the human $\alpha 1$ GABAA receptor by piperazine derivatives: A novel mode of action. <i>NeuroToxicology</i> , 2015 , 51, 1-9	4.4	9
12	Synthetic Cathinones and Their Potential Interactions with Prescription Drugs. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 75-82	3.2	9
11	Hazard Characterization of Synthetic Cathinones Using Viability, Monoamine Reuptake, and Neuronal Activity Assays. <i>Frontiers in Neuroscience</i> , 2020 , 14, 9	5.1	5
10	Are high-throughput measurements of intracellular calcium using plate-readers sufficiently accurate and reliable?. <i>Toxicology and Applied Pharmacology</i> , 2010 , 249, 247-8; author reply 249-50	4.6	5
9	Novel Phenethylamines and Their Potential Interactions With Prescription Drugs: A Systematic Critical Review. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 271-281	3.2	4
8	Methylphenidate intoxications in children and adults: exposure circumstances and evidence-based dose threshold for pre-hospital triage. <i>Clinical Toxicology</i> , 2015 , 53, 168-77	2.9	4
7	Differential effects of psychoactive substances on human wildtype and polymorphic T356M dopamine transporters (DAT). <i>Toxicology</i> , 2019 , 422, 69-75	4.4	3
6	Combining ecstasy and ethanol: higher risk for toxicity? A review. <i>Critical Reviews in Toxicology</i> , 2021 , 51, 1-14	5.7	3
5	A quarter of admitted poisoned patients have a mild poisoning and require no treatment: An observational study. <i>European Journal of Internal Medicine</i> , 2019 , 66, 41-47	3.9	2
4	The Clinical Toxicology of 4-Bromo-2,5-dimethoxyphenethylamine (2C-B): The Severity of Poisoning After Exposure to Low to Moderate and High Doses. <i>Annals of Emergency Medicine</i> , 2020 , 76, 303-317	2.1	2
3	Methylphenidate poisoning: relatively mild symptoms even after high-dose exposure. <i>Clinical Toxicology</i> , 2017 , 55, 941-942	2.9	1
2	Hyperthermia exacerbates the acute effects of psychoactive substances on neuronal activity measured using microelectrode arrays (MEAs) in rat primary cortical cultures in vitro. <i>Toxicology and Applied Pharmacology</i> , 2020 , 397, 115015	4.6	1
1	Significant toxicity following an increase in poisonings with designer benzodiazepines in the Netherlands between 2010 and 2020.. <i>Drug and Alcohol Dependence</i> , 2021 , 231, 109244	4.9	0