

Donita Lynn Robinson

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,901
citations

185998

28
h-index

133063

59
g-index

68
all docs

68
docs citations

68
times ranked

4041
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Monitoring Rapid Chemical Communication in the Brain. <i>Chemical Reviews</i> , 2008, 108, 2554-2584. | 23.0 | 590 |
| 2 | Detecting Subsecond Dopamine Release with Fast-Scan Cyclic Voltammetry in Vivo. <i>Clinical Chemistry</i> , 2003, 49, 1763-1773. | 1.5 | 499 |
| 3 | Frequency of Dopamine Concentration Transients Increases in Dorsal and Ventral Striatum of Male Rats during Introduction of Conspecifics. <i>Journal of Neuroscience</i> , 2002, 22, 10477-10486. | 1.7 | 258 |
| 4 | Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. <i>Pharmacological Reviews</i> , 2016, 68, 1074-1109. | 7.1 | 258 |
| 5 | Transient changes in mesolimbic dopamine and their association with "reward". <i>Journal of Neurochemistry</i> , 2002, 82, 721-735. | 2.1 | 236 |
| 6 | Behavioral and Cellular Protection of Rat Dopaminergic Neurons by an Adenoviral Vector Encoding Glial Cell Line-Derived Neurotrophic Factor. <i>Experimental Neurology</i> , 1998, 154, 261-275. | 2.0 | 174 |
| 7 | Sub-second changes in accumbal dopamine during sexual behavior in male rats. <i>NeuroReport</i> , 2001, 12, 2549-2552. | 0.6 | 133 |
| 8 | Mechanisms of Persistent Neurobiological Changes Following Adolescent Alcohol Exposure: NADIA Consortium Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1806-1822. | 1.4 | 114 |
| 9 | A role for presynaptic mechanisms in the actions of nomifensine and haloperidol. <i>Neuroscience</i> , 2003, 118, 819-829. | 1.1 | 99 |
| 10 | Disparity Between Tonic and Phasic Ethanol-Induced Dopamine Increases in the Nucleus Accumbens of Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1187-1196. | 1.4 | 85 |
| 11 | Fast dopamine release events in the nucleus accumbens of early adolescent rats. <i>Neuroscience</i> , 2011, 176, 296-307. | 1.1 | 85 |
| 12 | Real-Time Measurements of Phasic Changes in Extracellular Dopamine Concentration in Freely Moving Rats by Fast-Scan Cyclic Voltammetry. , 2003, 79, 443-464. | | 81 |
| 13 | Effect of acute ethanol on striatal dopamine neurotransmission in ambulatory rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2001, 297, 27-34. | 1.3 | 77 |
| 14 | Corticostriatal circuitry and habitual ethanol seeking. <i>Alcohol</i> , 2015, 49, 817-824. | 0.8 | 64 |
| 15 | Withdrawal from morphine or amphetamine: different effects on dopamine in the ventral-medial striatum studied with microdialysis. <i>Brain Research</i> , 1994, 650, 56-62. | 1.1 | 63 |
| 16 | Adolescent binge-like alcohol alters sensitivity to acute alcohol effects on dopamine release in the nucleus accumbens of adult rats. <i>Psychopharmacology</i> , 2016, 233, 361-371. | 1.5 | 59 |
| 17 | Adolescent alcohol exposure decreases frontostriatal resting-state functional connectivity in adulthood. <i>Addiction Biology</i> , 2018, 23, 810-823. | 1.4 | 58 |
| 18 | Nomifensine amplifies subsecond dopamine signals in the ventral striatum of freely-moving rats. <i>Journal of Neurochemistry</i> , 2004, 90, 894-903. | 2.1 | 57 |

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|----|---|-----|-----------|
| 19 | Dissociation Between the Time Course of Ethanol and Extracellular Dopamine Concentrations in the Nucleus Accumbens After a Single Intraperitoneal Injection. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 781-788. | 1.4 | 56 |
| 20 | Effect of Gender and Estrous Cycle on the Pharmacokinetics of Ethanol in the Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 165-172. | 1.4 | 56 |
| 21 | Mesolimbic Dopamine Transients in Motivated Behaviors: Focus on Maternal Behavior. <i>Frontiers in Psychiatry</i> , 2011, 2, 23. | 1.3 | 51 |
| 22 | Acute Ethanol Decreases Dopamine Transporter Velocity in Rat Striatum: In Vivo and In Vitro Electrochemical Measurements. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 746-755. | 1.4 | 44 |
| 23 | Distinct subsets of nucleus accumbens neurons encode operant responding for ethanol versus water. <i>European Journal of Neuroscience</i> , 2008, 28, 1887-1894. | 1.2 | 40 |
| 24 | Sex and Adolescent Ethanol Exposure Influence Pavlovian Conditioned Approach. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 846-856. | 1.4 | 40 |
| 25 | Basal extracellular dopamine in the nucleus accumbens during amphetamine withdrawal: a μ -no net flux TM microdialysis study. <i>Neuroscience Letters</i> , 1993, 164, 145-148. | 1.0 | 37 |
| 26 | Specific and Nonspecific Effects of Naltrexone on Goal-Directed and Habitual Models of Alcohol Seeking and Drinking. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1100-1110. | 1.4 | 37 |
| 27 | Dorsomedial and dorsolateral striatum exhibit distinct phasic neuronal activity during alcohol self-administration in rats. <i>European Journal of Neuroscience</i> , 2013, 38, 2637-2648. | 1.2 | 37 |
| 28 | Translational Research on Habit and Alcohol. <i>Current Addiction Reports</i> , 2016, 3, 37-49. | 1.6 | 35 |
| 29 | Quantification of Ethanol Concentrations in the Extracellular Fluid of the Rat Brain. <i>Journal of Neurochemistry</i> , 2002, 75, 1685-1693. | 2.1 | 34 |
| 30 | Regional Variation in Phasic Dopamine Release during Alcohol and Sucrose Self-Administration in Rats. <i>ACS Chemical Neuroscience</i> , 2015, 6, 147-154. | 1.7 | 30 |
| 31 | Sex and the Lab: An Alcohol-Focused Commentary on the <sc>NIH</sc> Initiative to Balance Sex in Cell and Animal Studies. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1182-1191. | 1.4 | 28 |
| 32 | Effect of gender and estrous cycle on the pharmacokinetics of ethanol in the rat brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 165-72. | 1.4 | 26 |
| 33 | Characterization of genetically complex Collaborative Cross mouse strains that model divergent locomotor activating and reinforcing properties of cocaine. <i>Psychopharmacology</i> , 2020, 237, 979-996. | 1.5 | 25 |
| 34 | Adolescent intermittent ethanol impairs behavioral flexibility in a rat foraging task in adulthood. <i>Behavioural Brain Research</i> , 2019, 373, 112085. | 1.2 | 24 |
| 35 | The incentive amplifying effects of nicotine are reduced by selective and non-selective dopamine antagonists in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 50-62. | 1.3 | 22 |
| 36 | An isotropic EPI database and analytical pipelines for rat brain resting-state fMRI. <i>NeuroImage</i> , 2021, 243, 118541. | 2.1 | 20 |

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|----|---|-----|-----------|
| 37 | Sex differences in nicotine-enhanced Pavlovian conditioned approach in rats. <i>Biology of Sex Differences</i> , 2019, 10, 37. | 1.8 | 18 |
| 38 | Naltrexone Acutely Enhances Connectivity Between the Ventromedial Prefrontal Cortex and a Left Frontoparietal Network. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 965-978. | 1.4 | 18 |
| 39 | The role of sex in the persistent effects of adolescent alcohol exposure on behavior and neurobiology in rodents. <i>International Review of Neurobiology</i> , 2021, 160, 305-340. | 0.9 | 18 |
| 40 | Acute phenylalanine/tyrosine depletion of phasic dopamine in the rat brain. <i>Psychopharmacology</i> , 2016, 233, 2045-2054. | 1.5 | 17 |
| 41 | Ethanol Exposure History and Alcoholic Reward Differentially Alter Dopamine Release in the Nucleus Accumbens to a Reward-Predictive Cue. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1051-1061. | 1.4 | 17 |
| 42 | Allopregnanolone Decreases Evoked Dopamine Release Differently in Rats by Sex and Estrous Stage. <i>Frontiers in Pharmacology</i> , 2020, 11, 608887. | 1.6 | 16 |
| 43 | Assessing behavioral control across reinforcer solutions on a fixed-ratio schedule of reinforcement in rats. <i>Alcohol</i> , 2014, 48, 337-344. | 0.8 | 14 |
| 44 | Anatomical and pharmacological characterization of catecholamine transients in the medial prefrontal cortex evoked by ventral tegmental area stimulation. <i>Synapse</i> , 2014, 68, 131-143. | 0.6 | 13 |
| 45 | Ethanol Reduces Evoked Dopamine Release and Slows Clearance in the Rat Medial Prefrontal Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2969-2977. | 1.4 | 11 |
| 46 | Impact of adolescent intermittent ethanol exposure on interneurons and their surrounding perineuronal nets in adulthood. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 759-769. | 1.4 | 11 |
| 47 | Orbitofrontal participation in sign- and goal-tracking conditioned responses: Effects of nicotine. <i>Neuropharmacology</i> , 2017, 116, 208-223. | 2.0 | 10 |
| 48 | Use of fast-scan cyclic voltammetry to assess phasic dopamine release in rat models of early postpartum maternal behavior and neglect. <i>Behavioural Pharmacology</i> , 2017, 28, 648-660. | 0.8 | 10 |
| 49 | Nicotine-enhanced Pavlovian conditioned approach is resistant to omission of expected outcome. <i>Behavioural Brain Research</i> , 2018, 343, 16-20. | 1.2 | 10 |
| 50 | Rapid Dopamine Release in Freely Moving Rats. <i>Frontiers in Neuroengineering Series</i> , 2006, , 17-34. | 0.4 | 10 |
| 51 | Chronic alcohol exposure during critical developmental periods differentially impacts persistence of deficits in cognitive flexibility and related circuitry. <i>International Review of Neurobiology</i> , 2021, 160, 117-173. | 0.9 | 10 |
| 52 | Stimuli predicting high-calorie reward increase dopamine release and drive approach to food in the absence of homeostatic need. <i>Nutritional Neuroscience</i> , 2022, 25, 593-602. | 1.5 | 9 |
| 53 | Diazepam attenuates the effects of cocaine on locomotion, 50-kHz ultrasonic vocalizations and phasic dopamine in the nucleus accumbens of rats. <i>British Journal of Pharmacology</i> , 2022, 179, 1565-1577. | 2.7 | 9 |
| 54 | Diazepam blocks 50-kHz ultrasonic vocalizations and stereotypies but not the increase in locomotor activity induced in rats by amphetamine. <i>Psychopharmacology</i> , 2018, 235, 1887-1896. | 1.5 | 8 |

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|----|--|-----|-----------|
| 55 | Local μ -Opioid Receptor Antagonism Blunts Evoked Phasic Dopamine Release in the Nucleus Accumbens of Rats. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1935-1940. | 1.7 | 8 |
| 56 | Partial lesion of dopamine neurons of rat substantia nigra impairs conditioned place aversion but spares conditioned place preference. <i>Neuroscience</i> , 2017, 349, 264-277. | 1.1 | 7 |
| 57 | Acute depletion of dopamine precursors in the human brain: effects on functional connectivity and alcohol attentional bias. <i>Neuropsychopharmacology</i> , 2021, 46, 1421-1431. | 2.8 | 6 |
| 58 | Chronic Nicotine Exposure Initiated in Adolescence and Unpaired to Behavioral Context Fails to Enhance Sweetened Ethanol Seeking. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 153. | 1.0 | 5 |
| 59 | Addiction history moderates the effect of prefrontal 10-Hz transcranial alternating current stimulation on habitual action selection. <i>Journal of Neurophysiology</i> , 2021, 125, 768-780. | 0.9 | 4 |
| 60 | Altered Cortico-Subcortical Network After Adolescent Alcohol Exposure Mediates Behavioral Deficits in Flexible Decision-Making. <i>Frontiers in Pharmacology</i> , 2021, 12, 778884. | 1.6 | 4 |
| 61 | Dopamine D1 receptor blockade impairs alcohol seeking without reducing dorsal striatal activation to cues of alcohol availability. <i>Brain and Behavior</i> , 2015, 5, e00305. | 1.0 | 3 |
| 62 | Fast-Scan Cyclic Voltammetry in Freely-Moving Rats. <i>Advances in Behavioral Biology</i> , 2002, , 305-308. | 0.2 | 0 |
| 63 | Behavioral flexibility in conditioned responding to a reward cue: The role of the orbitofrontal cortex and adolescent intermittent ethanol exposure. <i>Alcohol</i> , 2017, 60, 241. | 0.8 | 0 |