

# Wendy J Lynch

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

4,446  
citations

117571

34  
h-index

123376

61  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological basis of sex differences in drug abuse: preclinical and clinical studies. <i>Psychopharmacology</i> , 2002, 164, 121-137.	1.5	529
2	Sex and estrogen influence drug abuse. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 273-279.	4.0	297
3	Exercise as a novel treatment for drug addiction: A neurobiological and stage-dependent hypothesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1622-1644.	2.9	239
4	Intravenous cocaine and heroin self-administration in rats selectively bred for differential saccharin intake: phenotype and sex differences. <i>Psychopharmacology</i> , 2002, 161, 304-313.	1.5	212
5	Reinstatement of cocaine self-administration in rats: sex differences. <i>Psychopharmacology</i> , 2000, 148, 196-200.	1.5	189
6	Role of estrogen in the acquisition of intravenously self-administered cocaine in female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 68, 641-646.	1.3	179
7	Sex differences in vulnerability to drug self-administration.. <i>Experimental and Clinical Psychopharmacology</i> , 2006, 14, 34-41.	1.3	172
8	Effects of sex and the estrous cycle on regulation of intravenously self-administered cocaine in rats. <i>Psychopharmacology</i> , 2000, 152, 132-139.	1.5	158
9	Role of progesterone in nicotine addiction: Evidence from initiation to relapse.. <i>Experimental and Clinical Psychopharmacology</i> , 2010, 18, 451-461.	1.3	140
10	Patterns of cocaine self-administration in rats produced by various access conditions under a discrete trials procedure. <i>Drug and Alcohol Dependence</i> , 2002, 67, 291-299.	1.6	138
11	Sex Differences in the Behavioral Effects of 24-h/day Access to Cocaine under a Discrete Trial Procedure. <i>Neuropsychopharmacology</i> , 2004, 29, 943-951.	2.8	125
12	Acquisition and maintenance of cocaine self-administration in adolescent rats: effects of sex and gonadal hormones. <i>Psychopharmacology</i> , 2008, 197, 237-246.	1.5	122
13	Regulation of drug intake.. <i>Experimental and Clinical Psychopharmacology</i> , 2001, 9, 131-143.	1.3	120
14	Sex and ovarian hormones influence vulnerability and motivation for nicotine during adolescence in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 43-50.	1.3	101
15	Aerobic Exercise Attenuates Reinstatement of Cocaine-Seeking Behavior and Associated Neuroadaptations in the Prefrontal Cortex. <i>Biological Psychiatry</i> , 2010, 68, 774-777.	0.7	98
16	Exercise as a Potential Treatment for Drug Abuse: Evidence from Preclinical Studies. <i>Frontiers in Psychiatry</i> , 2011, 2, 82.	1.3	97
17	Incubation of nicotine seeking is associated with enhanced protein kinase A-regulated signaling of dopamine- and cAMP-regulated phosphoprotein of 32 kDa in the insular cortex. <i>European Journal of Neuroscience</i> , 2010, 31, 733-741.	1.2	94
18	Animal models of substance abuse and addiction: implications for science, animal welfare, and society. <i>Comparative Medicine</i> , 2010, 60, 177-88.	0.4	80

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19	Gene profiling the response to repeated cocaine self-administration in dorsal striatum: A focus on circadian genes. <i>Brain Research</i> , 2008, 1213, 166-177.	1.1	77
20	How to study sex differences in addiction using animal models. <i>Addiction Biology</i> , 2016, 21, 1007-1029.	1.4	69
21	Dose-dependent effectiveness of wheel running to attenuate cocaine-seeking: impact of sex and estrous cycle in rats. <i>Psychopharmacology</i> , 2014, 231, 2661-2670.	1.5	63
22	Deep brain stimulation for the treatment of drug addiction. <i>Neurosurgical Focus</i> , 2018, 45, E11.	1.0	62
23	Decreased Motivation Following Cocaine Self-Administration Under Extended Access Conditions: Effects of Sex and Ovarian Hormones. <i>Neuropsychopharmacology</i> , 2005, 30, 927-935.	2.8	61
24	Estradiol as a Mechanism for Sex Differences in the Development of an Addicted Phenotype following Extended Access Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2013, 38, 1698-1705.	2.8	61
25	Neonatal Isolation Stress Potentiates Cocaine Seeking Behavior in Adult Male and Female Rats. <i>Neuropsychopharmacology</i> , 2005, 30, 322-329.	2.8	55
26	Changes in rat frontal cortex gene expression following chronic cocaine. <i>Molecular Brain Research</i> , 2002, 104, 11-20.	2.5	52
27	Modeling the development of drug addiction in male and female animals. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 164, 50-61.	1.3	52
28	Sex differences in the effect of wheel running on subsequent nicotine-seeking in a rat adolescent-onset self-administration model. <i>Psychopharmacology</i> , 2014, 231, 1753-1762.	1.5	51
29	Effect of topiramate treatment on ethanol consumption in rats. <i>Psychopharmacology</i> , 2010, 207, 529-534.	1.5	44
30	Dose-dependent effects of wheel running on cocaine-seeking and prefrontal cortex Bdnf exon IV expression in rats. <i>Psychopharmacology</i> , 2014, 231, 1305-1314.	1.5	43
31	Alcohol preferring (P) rats as a model for examining sex differences in alcohol use disorder and its treatment. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 132, 1-9.	1.3	43
32	Effect of cocaine self-administration on striatal PKA-regulated signaling in male and female rats. <i>Psychopharmacology</i> , 2007, 191, 263-271.	1.5	42
33	Self-reported paranoia during laboratory "binge" cocaine self-administration in humans. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 249-256.	1.3	39
34	Effect of wheel-running during abstinence on subsequent nicotine-seeking in rats. <i>Psychopharmacology</i> , 2013, 227, 403-411.	1.5	37
35	A paradigm to investigate the self-regulation of cocaine administration in humans. <i>Psychopharmacology</i> , 2005, 180, 436-446.	1.5	33
36	Repeated cocaine self-administration causes multiple changes in rat frontal cortex gene expression. <i>Neurochemical Research</i> , 2002, 27, 1181-1192.	1.6	32

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37	Severity of drinking as a predictor of efficacy of the combination of ondansetron and topiramate in rat models of ethanol consumption and relapse. <i>Psychopharmacology</i> , 2011, 217, 3-12.	1.5	31
38	Wheel running exercise attenuates vulnerability to self-administer nicotine in rats. <i>Drug and Alcohol Dependence</i> , 2015, 156, 193-198.	1.6	31
39	A buprenorphine-validated rat model of opioid use disorder optimized to study sex differences in vulnerability to relapse. <i>Psychopharmacology</i> , 2021, 238, 1029-1046.	1.5	30
40	Diminished Role of Dopamine D1-Receptor Signaling with the Development of an Addicted Phenotype in Rats. <i>Biological Psychiatry</i> , 2014, 76, 8-14.	0.7	29
41	CLINICAL STUDY: Subjective responses and cardiovascular effects of self-administered cocaine in cocaine-abusing men and women. <i>Addiction Biology</i> , 2008, 13, 403-410.	1.4	27
42	A Shift in the Role of Glutamatergic Signaling in the Nucleus Accumbens Core With the Development of an Addicted Phenotype. <i>Biological Psychiatry</i> , 2014, 76, 810-815.	0.7	27
43	Sexual Differentiation and Substance Use: A Mini-Review. <i>Endocrinology</i> , 2020, 161, .	1.4	25
44	Exercise as a Prevention for Substance Use Disorder: a Review of Sex Differences and Neurobiological Mechanisms. <i>Current Addiction Reports</i> , 2017, 4, 455-466.	1.6	24
45	Time and sex-dependent effects of an adenosine A2A/A1 receptor antagonist on motivation to self-administer cocaine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 257-263.	1.3	23
46	Sex chromosome complement influences vulnerability to cocaine in mice. <i>Hormones and Behavior</i> , 2020, 125, 104821.	1.0	22
47	Resistance exercise decreases heroin self-administration and alters gene expression in the nucleus accumbens of heroin-exposed rats. <i>Psychopharmacology</i> , 2018, 235, 1245-1255.	1.5	21
48	Females develop features of an addiction-like phenotype sooner during withdrawal than males. <i>Psychopharmacology</i> , 2021, 238, 2213-2224.	1.5	19
49	Sex- and Dose-Dependent Differences in the Development of an Addiction-Like Phenotype Following Extended-Access Fentanyl Self-Administration. <i>Frontiers in Pharmacology</i> , 2022, 13, 841873.	1.6	17
50	The effects of resistance exercise on cocaine self-administration, muscle hypertrophy, and BDNF expression in the nucleus accumbens. <i>Drug and Alcohol Dependence</i> , 2016, 163, 186-194.	1.6	15
51	Acute and chronic administration of a low-dose combination of topiramate and ondansetron reduces ethanol's reinforcing effects in male alcohol preferring (P) rats. <i>Experimental and Clinical Psychopharmacology</i> , 2014, 22, 35-42.	1.3	14
52	Mechanisms underlying the efficacy of exercise as an intervention for cocaine relapse: a focus on mGlu5 in the dorsal medial prefrontal cortex. <i>Psychopharmacology</i> , 2019, 236, 2155-2171.	1.5	13
53	Effect of menthol on nicotine intake and relapse vulnerability in a rat model of concurrent intravenous menthol/nicotine self-administration. <i>Psychopharmacology</i> , 2019, 236, 1219-1232.	1.5	11
54	Tamoxifen Blocks the Development of Motivational Features of an Addiction-Like Phenotype in Female Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 253.	1.0	10

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55	Exercise or saccharin during abstinence block estrus-induced increases in nicotine-seeking. <i>Physiology and Behavior</i> , 2019, 203, 33-41.	1.0	10
56	The efficacy of a low dose combination of topiramate and naltrexone on ethanol reinforcement and consumption in rat models. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 107-115.	1.3	9
57	Exercise as a Sex-Specific Treatment for Substance Use Disorder. <i>Current Addiction Reports</i> , 2017, 4, 467-481.	1.6	9
58	Regulation of cocaine self-administration in humans: Lack of evidence for loading and maintenance phases. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 51-55.	1.3	8
59	Shifts in the neurobiological mechanisms motivating cocaine use with the development of an addiction-like phenotype in male rats. <i>Psychopharmacology</i> , 2021, 238, 811-823.	1.5	6
60	The importance of examining sex differences in animal models validated to induce an addiction-like phenotype. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 209, 173255.	1.3	6
61	Exercise during abstinence normalizes ultrastructural synaptic plasticity associated with nicotine-seeking following extended access self-administration. <i>European Journal of Neuroscience</i> , 2019, 50, 2707-2721.	1.2	3
62	Novel Methodologies: Proteomic Approaches in Substance Abuse Research. , 2010, , 359-378.		0