

# Paola Fadda

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

4,275  
citations

81743

39  
h-index

118652

62  
g-index

102  
all docs

102  
docs citations

102  
times ranked

4077  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Sex differences in addictive disorders. <i>Frontiers in Neuroendocrinology</i> , 2014, 35, 272-284.   | 2.5 | 211       |
| 2  | Baclofen antagonizes nicotine-, cocaine-, and morphine-induced dopamine release in the nucleus accumbens of rat. <i>Synapse</i> , 2003, 50, 1-6.  | 0.6 | 184       |
| 3  | Cannabinoid self-administration in rats: sex differences and the influence of ovarian function. <i>British Journal of Pharmacology</i> , 2007, 152, 795-804.  | 2.7 | 172       |
| 4  | Sleep deprivation in the rat: an animal model of mania. <i>European Neuropsychopharmacology</i> , 1995, 5, 89-93.   | 0.3 | 156       |
| 5  | Inhibition of Anandamide Hydrolysis by Cyclohexyl Carbamic Acid 3-yl Ester (URB597) Reverses Abuse-Related Behavioral and Neurochemical Effects of Nicotine in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 482-490. | 1.3 | 132       |
| 6  | Synthetic and plant-derived cannabinoid receptor antagonists show hypophagic properties in fasted and non-fasted mice. <i>British Journal of Pharmacology</i> , 2009, 156, 1154-1166.   | 2.7 | 120       |
| 7  | Blockade of Nicotine Reward and Reinstatement by Activation of Alpha-Type Peroxisome Proliferator-Activated Receptors. <i>Biological Psychiatry</i> , 2011, 69, 633-641.  | 0.7 | 112       |
| 8  | Male and Female Rats Differ in Brain Cannabinoid CB1 Receptor Density and Function and in Behavioural Traits Predisposing to Drug Addiction: Effect of Ovarian Hormones. <i>Current Pharmaceutical Design</i> , 2014, 20, 2100-2113.                    | 0.9 | 108       |
| 9  | Cannabinoid self-administration increases dopamine release in the nucleus accumbens. <i>NeuroReport</i> , 2006, 17, 1629-1632.  | 0.6 | 101       |
| 10 | Differential effects of THC- or CBD-rich cannabis extracts on working memory in rats. <i>Neuropharmacology</i> , 2004, 47, 1170-1179.   | 2.0 | 98        |
| 11 | Endocannabinoid system and opioid addiction: Behavioural aspects. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 343-359.  | 1.3 | 97        |
| 12 | Cannabinoids and Reward: Interactions with the Opioid System. <i>Critical Reviews in Neurobiology</i> , 2004, 16, 147-158.  | 3.3 | 95        |
| 13 | Drug- and cue-induced reinstatement of cannabinoid-seeking behaviour in male and female rats: influence of ovarian hormones. <i>British Journal of Pharmacology</i> , 2010, 160, 724-735.   | 2.7 | 94        |
| 14 | An endocannabinoid mechanism in relapse to drug seeking: A review of animal studies and clinical perspectives. <i>Brain Research Reviews</i> , 2007, 53, 1-16.  | 9.1 | 90        |
| 15 | Involvement of $\mu$ -Opioid and Endocannabinoid System on Salvinorin A-Induced Reward. <i>Biological Psychiatry</i> , 2008, 63, 286-292.   | 0.7 | 89        |
| 16 | CB1 receptor agonist and heroin, but not cocaine, reinstate cannabinoid-seeking behaviour in the rat. <i>British Journal of Pharmacology</i> , 2004, 143, 343-350.  | 2.7 | 84        |
| 17 | Cannabinoid CB1 antagonist SR 141716A attenuates reinstatement of heroin self-administration in heroin-abstinent rats. <i>Neuropharmacology</i> , 2005, 48, 1097-1104.  | 2.0 | 82        |
| 18 | PPAR $\delta$ Regulates Cholinergic-Driven Activity of Midbrain Dopamine Neurons via a Novel Mechanism Involving $\alpha 7$ Nicotinic Acetylcholine Receptors. <i>Journal of Neuroscience</i> , 2013, 33, 6203-6211.                                    | 1.7 | 79        |

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|----|--|-----|-----------|
| 19 | The endocannabinoid system and nondrug rewarding behaviours. <i>Experimental Neurology</i> , 2010, 224, 23-36.   | 2.0 | 78        |
| 20 | Bidirectional regulation of mu-opioid and CB1-cannabinoid receptor in rats self-administering heroin or WIN 55,212-2. <i>European Journal of Neuroscience</i> , 2007, 25, 2191-2200.   | 1.2 | 74        |
| 21 | Sex differences in the self-administration of cannabinoids and other drugs of abuse. <i>Psychoneuroendocrinology</i> , 2009, 34, S227-S236.  | 1.3 | 71        |
| 22 | STRESS-INDUCED SLEEP DEPRIVATION MODIFIES CORTICOTROPIN RELEASING FACTOR (CRF) LEVELS AND CRF BINDING IN RAT BRAIN AND PITUITARY. <i>Pharmacological Research</i> , 1997, 35, 443-446.   | 3.1 | 67        |
| 23 | Strain and schedule-dependent differences in the acquisition, maintenance and extinction of intravenous cannabinoid self-administration in rats. <i>Neuropharmacology</i> , 2007, 52, 646-654.                                     | 2.0 | 67        |
| 24 | Neurobiological mechanisms of cannabinoid addiction. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, S97-S107.  | 1.6 | 66        |
| 25 | Sleep deprivation increases dopamine D1 receptor antagonist [3H]SCH 23390 binding and dopamine-stimulated adenylate cyclase in the rat limbic system. <i>Neuroscience Letters</i> , 1990, 117, 224-227.                            | 1.0 | 65        |
| 26 | Chronic morphine and naltrexone fail to modify $\mu$ -opioid receptor mRNA levels in the rat brain. <i>Molecular Brain Research</i> , 1997, 45, 149-153.   | 2.5 | 64        |
| 27 | Dopamine and serotonin release in dorsal striatum and nucleus accumbens is differentially modulated by morphine in DBA/2J and C57BL/6J mice. <i>Synapse</i> , 2005, 56, 29-38.   | 0.6 | 63        |
| 28 | The GABAB receptor agonist baclofen prevents heroin-induced reinstatement of heroin-seeking behavior in rats. <i>Neuropharmacology</i> , 2007, 52, 1555-1562.  | 2.0 | 60        |
| 29 | Cannabidiol as a Potential Treatment for Anxiety and Mood Disorders: Molecular Targets and Epigenetic Insights from Preclinical Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1863.                     | 1.8 | 60        |
| 30 | Baclofen prevents drug-induced reinstatement of extinguished nicotine-seeking behaviour and nicotine place preference in rodents. <i>European Neuropsychopharmacology</i> , 2009, 19, 487-498.                                     | 0.3 | 58        |
| 31 | Maternal Immune Activation Disrupts Dopamine System in the Offspring. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw007.  | 1.0 | 58        |
| 32 | The anandamide transport inhibitor AM404 reduces the rewarding effects of nicotine and nicotine-induced dopamine elevations in the nucleus accumbens shell in rats. <i>British Journal of Pharmacology</i> , 2012, 165, 2539-2548. | 2.7 | 56        |
| 33 | Sleep deprivation decreases $\mu$ and $\delta$ opioid receptor binding in the rat limbic system. <i>Neuroscience Letters</i> , 1991, 129, 315-317.   | 1.0 | 54        |
| 34 | Cannabinoid self-administration attenuates PCP-induced schizophrenia-like symptoms in adult rats. <i>European Neuropsychopharmacology</i> , 2010, 20, 25-36.   | 0.3 | 54        |
| 35 | Adolescent $\delta$ -Tetrahydrocannabinol Exposure Alters WIN55,212-2 Self-Administration in Adult Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 1416-1426.   | 2.8 | 53        |
| 36 | Brain activity of anandamide: a rewarding bliss?. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 309-323.   | 2.8 | 53        |

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|----|---|-----|-----------|
| 37 | Differences in the Opioid System in Selected Brain Regions of Alcohol-Preferring and Alcohol-Nonpreferring Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1296-1305.   | 1.4 | 48        |
| 38 | Endocannabinoid regulation of relapse mechanisms. <i>Pharmacological Research</i> , 2007, 56, 418-427.  | 3.1 | 47        |
| 39 | Interactions between the endocannabinoid and nicotinic cholinergic systems: preclinical evidence and therapeutic perspectives. <i>Psychopharmacology</i> , 2016, 233, 1765-1777.  | 1.5 | 39        |
| 40 | Cannabinoid exposure in rat adolescence reprograms the initial behavioral, molecular, and epigenetic response to cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9991-10002. | 3.3 | 39        |
| 41 | Cannabinoid CB <sub>1</sub> /CB <sub>2</sub> receptor agonists attenuate hyperactivity and body weight loss in a rat model of activity-based anorexia. <i>British Journal of Pharmacology</i> , 2017, 174, 2682-2695.                     | 2.7 | 33        |
| 42 | Dopamine and opioids interactions in sleep deprivation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1993, 17, 269-278.  | 2.5 | 32        |
| 43 | The Endocannabinoid System: A New Molecular Target for the Treatment of Tobacco Addiction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 468-481.   | 0.8 | 32        |
| 44 | Enhanced self-administration of the CB1 receptor agonist WIN55,212-2 in olfactory bulbectomized rats: evaluation of possible serotonergic and dopaminergic underlying mechanisms. <i>Frontiers in Pharmacology</i> , 2014, 5, 44.         | 1.6 | 32        |
| 45 | Cannabinoid-Opioid Interactions in Drug Discrimination and Self-Administration: Effect of Maternal, Postnatal, Adolescent and Adult Exposure to the Drugs. <i>Current Drug Targets</i> , 2010, 11, 450-461.                               | 1.0 | 31        |
| 46 | Pharmacological modulation of the endocannabinoid signalling alters binge-type eating behaviour in female rats. <i>British Journal of Pharmacology</i> , 2013, 169, 820-833.  | 2.7 | 31        |
| 47 | New Perspectives on the Use of Cannabis in the Treatment of Psychiatric Disorders. <i>Medicines (Basel)</i> , 2020, 9, 1078.  | 0.7 | 30        |
| 48 | The Role of the Endocannabinoid System in Eating Disorders: Neurochemical and Behavioural Preclinical Evidence. <i>Current Pharmaceutical Design</i> , 2014, 20, 2089-2099.   | 0.9 | 30        |
| 49 | Dopamine D1 and opioid receptor binding changes in the limbic system of sleep deprived rats. <i>Neurochemistry International</i> , 1992, 20, 153-156.   | 1.9 | 28        |
| 50 | Scopolamine and MK801-induced working memory deficits in rats are not reversed by CBD-rich cannabis extracts. <i>Behavioural Brain Research</i> , 2006, 168, 307-311.   | 1.2 | 28        |
| 51 | Methoxetamine, a novel psychoactive substance with serious adverse pharmacological effects: a review of case reports and preclinical findings. <i>Behavioural Pharmacology</i> , 2016, 27, 489-496.                                       | 0.8 | 26        |
| 52 | Inhibition of N-acylethanolamine acid amidase reduces nicotine-induced dopamine activation and reward. <i>Neuropharmacology</i> , 2019, 144, 327-336.   | 2.0 | 24        |
| 53 | Modeling Parkinson's Disease Neuropathology and Symptoms by Intranigral Inoculation of Preformed Human $\alpha$ -Synuclein Oligomers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8535.                                | 1.8 | 24        |
| 54 | Cannabinoid Modulation of Eukaryotic Initiation Factors (eIF2 $\alpha$ and eIF2B1) and Behavioral Cross-Sensitization to Cocaine in Adolescent Rats. <i>Cell Reports</i> , 2018, 22, 2909-2923.   | 2.9 | 23        |

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|----|---|-----|-----------|
| 55 | Adolescent cannabinoid exposure induces irritability-like behavior and cocaine cross-sensitization without affecting the escalation of cocaine self-administration in adulthood. <i>Scientific Reports</i> , 2018, 8, 13893.  | 1.6 | 23        |
| 56 | The ketamine-like compound methoxetamine substitutes for ketamine in the self-administration paradigm and enhances mesolimbic dopaminergic transmission. <i>Psychopharmacology</i> , 2016, 233, 2241-2251.  | 1.5 | 22        |
| 57 | Î <sup>9</sup> -Tetrahydrocannabinol During Adolescence Attenuates Disruption of Dopamine Function Induced in Rats by Maternal Immune Activation. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 202.  | 1.0 | 22        |
| 58 | Î <sup>9</sup> -Tetrahydrocannabinol Prevents Methamphetamine-Induced Neurotoxicity. <i>PLoS ONE</i> , 2014, 9, e98079.   | 1.1 | 22        |
| 59 | Differences in the opioid system in selected brain regions of alcohol-preferring and alcohol-nonpreferring rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1296-305.  | 1.4 | 22        |
| 60 | Chronic imipramine, l-sulpiride and mianserin decrease corticotropin releasing factor levels in the rat brain. <i>Neuroscience Letters</i> , 1995, 192, 121-123.  | 1.0 | 21        |
| 61 | Chronic cannabinoid exposure reduces phencyclidine-induced schizophrenia-like positive symptoms in adult rats. <i>Psychopharmacology</i> , 2013, 225, 531-542.  | 1.5 | 21        |
| 62 | Methoxetamine affects brain processing involved in emotional response in rats. <i>British Journal of Pharmacology</i> , 2017, 174, 3333-3345.   | 2.7 | 21        |
| 63 | Reduction of Corticostriatal Glutamatergic Fibers in Basic Fibroblast Growth Factor Deficient Mice is Associated with Hyperactivity and Enhanced Dopaminergic Transmission. <i>Biological Psychiatry</i> , 2007, 62, 235-242.   | 0.7 | 20        |
| 64 | Differential effect of opioid and cannabinoid receptor blockade on heroin-seeking reinstatement and cannabinoid substitution in heroin-abstinent rats. <i>British Journal of Pharmacology</i> , 2011, 163, 1550-1562.   | 2.7 | 20        |
| 65 | Limited Access to a High Fat Diet Alters Endocannabinoid Tone in Female Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 40.  | 1.4 | 19        |
| 66 | Impaired brain endocannabinoid tone in the activity-based model of anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2019, 52, 1251-1262.  | 2.1 | 19        |
| 67 | Synthesis, Molecular Modeling, and Opioid Receptor Affinity of 9,10-Diazatricyclo[4.2.1.12,5]decanes and 2,7-Diazatricyclo[4.4.0.03,8]decanes Structurally Related to 3,8-Diazabicyclo[3.2.1]octanes. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2115-2123.  | 2.9 | 15        |
| 68 | Long-term reduction of brain-derived neurotrophic factor levels and signaling impairment following prenatal treatment with the cannabinoid receptor 1 receptor agonist (R)-(+)-[2,3-dihydro-5-methyl-3-(4-morpholinyl-methyl) pyrrolo[1,2,3-de]-1,4-benzoxazin-. <i>European Journal of Neuroscience</i> , 2007, 25, 3305-3311. | 1.2 | 15        |
| 69 | Behavioural and neurochemical assessment of salvinorin A abuse potential in the rat. <i>Psychopharmacology</i> , 2015, 232, 91-100.   | 1.5 | 15        |
| 70 | N-3(9)-Arylpropenyl-N-9(3)-propionyl-3,9-diazabicyclo[3.3.1]nonanes as Î¼-Opioid receptor agonists. Effects on Î¼-Affinity of arylalkenyl chain modifications. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1929-1937.   | 1.4 | 14        |
| 71 | Cannabinoids and their therapeutic applications in mental disorders. <i>Dialogues in Clinical Neuroscience</i> , 2020, 22, 271-279.   | 1.8 | 13        |
| 72 | Chronic blockade of CB <sub>1</sub> receptors reverses startle gating deficits and associated neurochemical alterations in rats reared in isolation. <i>British Journal of Pharmacology</i> , 2012, 167, 1652-1664.   | 2.7 | 12        |

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|----|---|-----|-----------|
| 73 | Emotional profile of female rats showing binge eating behavior. <i>Physiology and Behavior</i> , 2016, 163, 136-143.  | 1.0 | 12        |
| 74 | The anabolic steroid nandrolone alters cannabinoid self-administration and brain CB1 receptor density and function. <i>Pharmacological Research</i> , 2017, 115, 209-217.   | 3.1 | 12        |
| 75 | Epigenetic regulation of the cannabinoid receptor <scp>CB1</scp> in an activityâ€based rat model of anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2020, 53, 702-716.   | 2.1 | 12        |
| 76 | Repeated exposure to JWHâ€018 induces adaptive changes in the mesolimbic and mesocortical dopaminergic pathways, glial cells alterations, and behavioural correlates. <i>British Journal of Pharmacology</i> , 2021, 178, 3476-3497.                | 2.7 | 12        |
| 77 | Synthesis and $\frac{1}{4}$ -opioid receptor affinity of a new series of nitro substituted 3,8-diazabicyclo[3.2.1]octane derivatives. <i>Il Farmaco</i> , 1998, 53, 557-562.  | 0.9 | 9         |
| 78 | Presenting Psychiatric and Neurological Symptoms and Signs of Brain Tumors before Diagnosis: A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 301.  | 1.1 | 9         |
| 79 | Antinociceptive action of DBO 17 and DBO 11 in mice: two 3,8 diazabicyclo (3.2.1.) octane derivates with selective $\frac{1}{4}$ opioid receptor affinity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1997, 356, 596-602.              | 1.4 | 8         |
| 80 | Sex-specific differences in cannabinoid-induced extracellular-signal-regulated kinase phosphorylation in the cingulate cortex, prefrontal cortex, and nucleus accumbens of Lister Hooded rats. <i>Behavioural Pharmacology</i> , 2018, 29, 473-481. | 0.8 | 8         |
| 81 | Animal Models of Eating Disorders. <i>Methods in Molecular Biology</i> , 2019, 2011, 297-314.   | 0.4 | 8         |
| 82 | Altered brain levels of arachidonic acid-derived inflammatory eicosanoids in a rodent model of anorexia nervosa. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158578.                                  | 1.2 | 8         |
| 83 | Role of Opioid Receptors in the Reinstatement of Opioid-Seeking Behavior: An Overview. <i>Methods in Molecular Biology</i> , 2015, 1230, 281-293.   | 0.4 | 6         |
| 84 | C-Fos expression as a molecular marker in corticotropin-releasing factor-induced seizures. , 1996, 24, 297-304.   |     | 5         |
| 85 | Longitudinal assessment of brain-derived neurotrophic factor in Sardinian psychotic patients (LABSP): a protocol for a prospective observational study. <i>BMJ Open</i> , 2017, 7, e014938.   | 0.8 | 5         |
| 86 | Conditioned Place Preference (CPP) in Rats: From Conditioning to Reinstatement Test. <i>Methods in Molecular Biology</i> , 2021, 2201, 221-229.   | 0.4 | 5         |
| 87 | Benzocondensed derivatives as rigid analogues of the $\frac{1}{4}$ -opioid agonist 3(8)-cinnamyl-8(3)-propionyl-3,8-diazabicyclo[3.2.1]octanes: synthesis, modeling, and affinity. <i>Il Farmaco</i> , 1998, 53, 667-674.                           | 0.9 | 4         |
| 88 | Monocyclic analogues of the $\frac{1}{4}$ -opioid agonist 3,8-diazabicyclo [3.2.1]octanes: Synthesis, modeling, and activity. <i>Tetrahedron</i> , 1995, 51, 11547-11556.   | 1.0 | 3         |
| 89 | Analysis of Opioid-Seeking Behavior Through the Intravenous Self-Administration Reinstatement Model in Rats. <i>Methods in Molecular Biology</i> , 2021, 2201, 231-245.   | 0.4 | 3         |
| 90 | Dopamine receptor gene expression in rat lines selected for ethanol preference or aversion. <i>Behavioural Pharmacology</i> , 1995, 6, 8.   | 0.8 | 2         |

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|----|---|-----|-----------|
| 91 | Synthesis and $K_d$ binding affinity of 1-(pyrrolidin-1-ylmethyl)-2-(N-methyl)-4-[(3,4-dichloro)phenyl]-1,2,3,4-tetrahydroisoquinolin-3(2H)-ones. European Journal of Medicinal Chemistry, 1995, 30, 515-520. | 2.6 | 2         |
| 92 | The endocannabinoid system. , 2015, , 389-413.  |     | 2         |
| 93 | Anxiety profile and pituitary CRF contents of alcohol-preferring sP and non-preferring sNP rats. Behavioural Pharmacology, 1995, 6, 7.  | 0.8 | 1         |
| 94 | Analysis of Opioid-Seeking Reinstatement in the Rat. Methods in Molecular Biology, 2015, 1230, 295-307.   | 0.4 | 1         |
| 95 | Possible role of corticotropin-releasing factor (CRF) in an animal model of stress and depression. Pharmacological Research, 1992, 26, 254.   | 3.1 | 0         |
| 96 | RT-PCR. Behavioural Pharmacology, 1995, 6, 121.   | 0.8 | 0         |
| 97 | P24 DRUG-INDUCED REINSTATEMENT OF EXTINGUISHED CANNABINOID-SEEKING BEHAVIOUR IN RATS. Behavioural Pharmacology, 2004, 15, A15.  | 0.8 | 0         |
| 98 | P.049 The impact of depot and long acting injectable antipsychotics on BDNF serum levels in psychosis: a 24-month longitudinal prospective study. European Neuropsychopharmacology, 2019, 29, S54-S55.        | 0.3 | 0         |