

# viviana Trezza

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

7,193  
citations

53660

45  
h-index

60497

81  
g-index

102  
all docs

102  
docs citations

102  
times ranked

7443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human serum albumin: From bench to bedside. <i>Molecular Aspects of Medicine</i> , 2012, 33, 209-290.	2.7	1,320
2	The pleasures of play: pharmacological insights into social reward mechanisms. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 463-469.	4.0	318
3	Endocannabinoids in the rat basolateral amygdala enhance memory consolidation and enable glucocorticoid modulation of memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4888-4893.	3.3	271
4	The neurobiology of social play and its rewarding value in rats. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 70, 86-105.	2.9	222
5	Nucleus Accumbens $\mu$ -Opioid Receptors Mediate Social Reward. <i>Journal of Neuroscience</i> , 2011, 31, 6362-6370.	1.7	219
6	Anxiolytic-Like Properties of the Anandamide Transport Inhibitor AM404. <i>Neuropsychopharmacology</i> , 2006, 31, 2652-2659.	2.8	208
7	Evaluating the rewarding nature of social interactions in laboratory animals. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 444-458.	1.9	203
8	Endocannabinoids in Amygdala and Nucleus Accumbens Mediate Social Play Reward in Adolescent Rats. <i>Journal of Neuroscience</i> , 2012, 32, 14899-14908.	1.7	144
9	Bidirectional cannabinoid modulation of social behavior in adolescent rats. <i>Psychopharmacology</i> , 2008, 197, 217-227.	1.5	129
10	Social Play Behavior in Adolescent Rats is Mediated by Functional Activity in Medial Prefrontal Cortex and Striatum. <i>Neuropsychopharmacology</i> , 2013, 38, 1899-1909.	2.8	129
11	Fat-induced satiety factor oleoylethanolamide enhances memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8027-8031.	3.3	123
12	Cannabinoid and opioid modulation of social play behavior in adolescent rats: Differential behavioral mechanisms. <i>European Neuropsychopharmacology</i> , 2008, 18, 519-530.	0.3	117
13	Endogenous cannabinoid release within prefrontal-limbic pathways affects memory consolidation of emotional training. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18333-18338.	3.3	115
14	Cannabis and the developing brain: Insights from behavior. <i>European Journal of Pharmacology</i> , 2008, 585, 441-452.	1.7	111
15	Effects of perinatal exposure to delta-9-tetrahydrocannabinol on the emotional reactivity of the offspring: a longitudinal behavioral study in Wistar rats. <i>Psychopharmacology</i> , 2008, 198, 529-537.	1.5	110
16	Developmental consequences of perinatal cannabis exposure: behavioral and neuroendocrine effects in adult rodents. <i>Psychopharmacology</i> , 2011, 214, 5-15.	1.5	109
17	Dopaminergic Neurotransmission in the Nucleus Accumbens Modulates Social Play Behavior in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 2215-2223.	2.8	109
18	Perinatal exposure to delta-9-tetrahydrocannabinol causes enduring cognitive deficits associated with alteration of cortical gene expression and neurotransmission in rats. <i>Addiction Biology</i> , 2007, 12, 485-495.	1.4	98

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19	Sex-specific autistic endophenotypes induced by prenatal exposure to valproic acid involve anandamide signalling. <i>British Journal of Pharmacology</i> , 2018, 175, 3699-3712.	2.7	97
20	What the Laboratory Rat has Taught us About Social Play Behavior: Role in Behavioral Development and Neural Mechanisms. <i>Current Topics in Behavioral Neurosciences</i> , 2013, , 189-212.	0.8	96
21	Conditioned place preference induced by social play behavior: Parametrics, extinction, reinstatement and disruption by methylphenidate. <i>European Neuropsychopharmacology</i> , 2009, 19, 659-669.	0.3	94
22	What the Laboratory Rat has Taught us About Social Play Behavior: Role in Behavioral Development and Neural Mechanisms. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 16, 189-212.	0.8	94
23	Sex-dependent effects of in utero cannabinoid exposure on cortical function. <i>ELife</i> , 2018, 7, .	2.8	88
24	Methylphenidate Disrupts Social Play Behavior in Adolescent Rats. <i>Neuropsychopharmacology</i> , 2008, 33, 2946-2956.	2.8	83
25	Contrasting Roles of Dopamine and Noradrenaline in the Motivational Properties of Social Play Behavior in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 858-868.	2.8	81
26	Divergent Effects of Anandamide Transporter Inhibitors with Different Target Selectivity on Social Play Behavior in Adolescent Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 343-350.	1.3	77
27	Consequences of Perinatal Cannabis Exposure. <i>Trends in Neurosciences</i> , 2019, 42, 871-884.	4.2	75
28	The endocannabinoid system as a possible target to treat both the cognitive and emotional features of post-traumatic stress disorder (PTSD). <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 100.	1.0	69
29	Prenatal valproate in rodents as a tool to understand the neural underpinnings of social dysfunctions in autism spectrum disorder. <i>Neuropharmacology</i> , 2019, 159, 107477.	2.0	68
30	Social play behavior, ultrasonic vocalizations and their modulation by morphine and amphetamine in Wistar and Sprague-Dawley rats. <i>Psychopharmacology</i> , 2014, 231, 1661-1673.	1.5	64
31	Cellular activation in limbic brain systems during social play behaviour in rats. <i>Brain Structure and Function</i> , 2014, 219, 1181-211.	1.2	63
32	Modeling autism-relevant behavioral phenotypes in rats and mice. <i>Behavioural Pharmacology</i> , 2015, 26, 522-540.	0.8	63
33	Enhancing Endocannabinoid Neurotransmission Augments The Efficacy of Extinction Training and Ameliorates Traumatic Stress-Induced Behavioral Alterations in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 1284-1296.	2.8	63
34	Neuroglia in the autistic brain: evidence from a preclinical model. <i>Molecular Autism</i> , 2018, 9, 66.	2.6	63
35	Prosocial Effects of Nicotine and Ethanol in Adolescent Rats Through Partially Dissociable Neurobehavioral Mechanisms. <i>Neuropsychopharmacology</i> , 2009, 34, 2560-2573.	2.8	61
36	Novelty-Induced Emotional Arousal Modulates Cannabinoid Effects on Recognition Memory and Adrenocortical Activity. <i>Neuropsychopharmacology</i> , 2013, 38, 1276-1286.	2.8	61

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37	Functional integrity of the habenula is necessary for social play behaviour in rats. <i>European Journal of Neuroscience</i> , 2013, 38, 3465-3475.	1.2	59
38	Can Cholesterol Metabolism Modulation Affect Brain Function and Behavior?. <i>Journal of Cellular Physiology</i> , 2017, 232, 281-286.	2.0	59
39	Training-Associated Emotional Arousal Shapes Endocannabinoid Modulation of Spatial Memory Retrieval in Rats. <i>Journal of Neuroscience</i> , 2015, 35, 13962-13974.	1.7	58
40	Chapter 9 Developmental Exposure to Cannabinoids Causes Subtle and Enduring Neurofunctional Alterations. <i>International Review of Neurobiology</i> , 2009, 85, 117-133.	0.9	56
41	Reward-Related Behavioral, Neurochemical and Electrophysiological Changes in a Rat Model of Autism Based on Prenatal Exposure to Valproic Acid. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 479.	1.8	56
42	Altering endocannabinoid neurotransmission at critical developmental ages: impact on rodent emotionality and cognitive performance. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 2.	1.0	55
43	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 211.	1.0	55
44	Strain- and context-dependent effects of the anandamide hydrolysis inhibitor URB597 on social behavior in rats. <i>European Neuropsychopharmacology</i> , 2014, 24, 1337-1348.	0.3	53
45	Distinct roles of the endocannabinoids anandamide and 2-arachidonoylglycerol in social behavior and emotionality at different developmental ages in rats. <i>European Neuropsychopharmacology</i> , 2015, 25, 1362-1374.	0.3	51
46	Altered Brain Cholesterol/Isoprenoid Metabolism in a Rat Model of Autism Spectrum Disorders. <i>Neuroscience</i> , 2018, 372, 27-37.	1.1	48
47	Methylphenidate and Atomoxetine Inhibit Social Play Behavior through Prefrontal and Subcortical Limbic Mechanisms in Rats. <i>Journal of Neuroscience</i> , 2015, 35, 161-169.	1.7	45
48	Effects of ketamine, dexmedetomidine and propofol anesthesia on emotional memory consolidation in rats: Consequences for the development of post-traumatic stress disorder. <i>Behavioural Brain Research</i> , 2017, 329, 215-220.	1.2	45
49	Simvastatin Treatment Highlights a New Role for the Isoprenoid/Cholesterol Biosynthetic Pathway in the Modulation of Emotional Reactivity and Cognitive Performance in Rats. <i>Neuropsychopharmacology</i> , 2014, 39, 841-854.	2.8	43
50	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. <i>Materials Science and Engineering C</i> , 2015, 48, 328-336.	3.8	43
51	On the interaction between drugs of abuse and adolescent social behavior. <i>Psychopharmacology</i> , 2014, 231, 1715-1729.	1.5	42
52	The endocannabinoid transport inhibitor AM404 differentially modulates recognition memory in rats depending on environmental aversiveness. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 11.	1.0	41
53	An updated animal model capturing both the cognitive and emotional features of post-traumatic stress disorder (PTSD). <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 142.	1.0	41
54	Impaired repair of DNA damage is associated with autistic-like traits in rats prenatally exposed to valproic acid. <i>European Neuropsychopharmacology</i> , 2018, 28, 85-96.	0.3	40

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55	Pharmacological inhibition of 2-arachidonoylglycerol hydrolysis enhances memory consolidation in rats through CB2 receptor activation and mTOR signaling modulation. <i>Neuropharmacology</i> , 2018, 138, 210-218.	2.0	40
56	Sex-specific behavioural deficits induced at early life by prenatal exposure to the cannabinoid receptor agonist WIN55, 212-2 depend on mGlu5 receptor signalling. <i>British Journal of Pharmacology</i> , 2020, 177, 449-463.	2.7	40
57	Structural Basis of Drug Recognition by Human Serum Albumin. <i>Current Medicinal Chemistry</i> , 2020, 27, 4907-4931.	1.2	40
58	Memantine prevents memory consolidation failure induced by soluble beta amyloid in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 332.	1.0	38
59	Sex Differences in Autism Spectrum Disorder: Diagnostic, Neurobiological, and Behavioral Features. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	38
60	Amphetamine and cocaine suppress social play behavior in rats through distinct mechanisms. <i>Psychopharmacology</i> , 2014, 231, 1503-1515.	1.5	37
61	Involvement of Phosphodiesterase 2A Activity in the Pathophysiology of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2019, 29, 3241-3252.	1.6	35
62	Loss of Mevalonate/Cholesterol Homeostasis in the Brain: A Focus on Autism Spectrum Disorder and Rett Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3317.	1.8	35
63	Cannabinoid Modulation of Memory Consolidation in Rats: Beyond the Role of Cannabinoid Receptor Subtype 1. <i>Frontiers in Pharmacology</i> , 2017, 08, 200.	1.6	34
64	Dissociating the role of endocannabinoids in the pleasurable and motivational properties of social play behaviour in rats. <i>Pharmacological Research</i> , 2016, 110, 151-158.	3.1	31
65	Missense mutation of Fmr1 results in impaired AMPAR-mediated plasticity and socio-cognitive deficits in mice. <i>Nature Communications</i> , 2021, 12, 1557.	5.8	28
66	Soluble beta amyloid evokes alteration in brain norepinephrine levels: role of nitric oxide and interleukin-1. <i>Frontiers in Neuroscience</i> , 2015, 9, 428.	1.4	27
67	Imatinib binding to human serum albumin modulates heme association and reactivity. <i>Archives of Biochemistry and Biophysics</i> , 2014, 560, 100-112.	1.4	25
68	Human plasma lipocalins and serum albumin: Plasma alternative carriers?. <i>Journal of Controlled Release</i> , 2016, 228, 191-205.	4.8	24
69	Glucocorticoid receptor antagonism disrupts the reconsolidation of social reward-related memories in rats. <i>Behavioural Pharmacology</i> , 2014, 25, 216-225.	0.8	23
70	Lipid nanoparticles for administration of poorly water soluble neuroactive drugs. <i>Biomedical Microdevices</i> , 2017, 19, 44.	1.4	22
71	Effects of myosin heavy chain (MHC) plasticity induced by HMGCoA-reductase inhibition on skeletal muscle functions. <i>FASEB Journal</i> , 2011, 25, 4037-4047.	0.2	21
72	Testing the correlation between experimentally-induced hypothyroidism during pregnancy and autistic-like symptoms in the rat offspring. <i>Behavioural Brain Research</i> , 2017, 321, 113-122.	1.2	21

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73	Perinatal supplementation with omega-3 fatty acids corrects the aberrant social and cognitive traits observed in a genetic model of autism based on FMR1 deletion in rats. <i>Nutritional Neuroscience</i> , 2022, 25, 898-911.	1.5	21
74	Sex-divergent long-term effects of single prolonged stress in adult rats. <i>Behavioural Brain Research</i> , 2021, 401, 113096.	1.2	21
75	Cannabinoid modulation of mother-infant interaction: is it just about milk?. <i>Reviews in the Neurosciences</i> , 2012, 23, 707-22.	1.4	19
76	Modelling fragile X syndrome in the laboratory setting: A behavioral perspective. <i>Behavioural Brain Research</i> , 2018, 350, 149-163.	1.2	19
77	Modeling specific phobias and posttraumatic stress disorder in rodents: the challenge to convey both cognitive and emotional features. <i>Reviews in the Neurosciences</i> , 2012, 23, 645-57.	1.4	18
78	The endocannabinoid system: a key modulator of emotions and cognition. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 73.	1.0	18
79	Î²-Adrenoreceptor Stimulation Mediates Reconsolidation of Social Reward-Related Memories. <i>PLoS ONE</i> , 2012, 7, e39639.	1.1	18
80	Human serum albumin: A modulator of cannabinoid drugs. <i>IUBMB Life</i> , 2017, 69, 834-840.	1.5	17
81	Early life stress and development of the endocannabinoid system: A bidirectional process in programming future coping. <i>Developmental Psychobiology</i> , 2021, 63, 143-152.	0.9	17
82	The neurochemistry of social reward during development: What have we learned from rodent models?. <i>Journal of Neurochemistry</i> , 2021, 157, 1408-1435.	2.1	17
83	Anandamide modulation of circadian- and stress-dependent effects on rat short-term memory. <i>Psychoneuroendocrinology</i> , 2019, 108, 155-162.	1.3	14
84	Prenatal exposure to valproate induces sex-, age-, and tissue-dependent alterations of cholesterol metabolism: Potential implications on autism. <i>Journal of Cellular Physiology</i> , 2019, 234, 4362-4374.	2.0	14
85	Healing autism spectrum disorder with cannabinoids: a neuroinflammatory story. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 121, 128-143.	2.9	14
86	Social Defeat Stress during Early Adolescence Confers Resilience against a Single Episode of Prolonged Stress in Adult Rats. <i>Cells</i> , 2021, 10, 360.	1.8	14
87	Cantharidin inhibits competitively hemeâ€œF</sc>e(III) binding to the <sc>FA</sc>1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2017, 30, e2641.	1.1	10
88	Fipronil recognition by the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2018, 31, e2713.	1.1	9
89	Unidirectional opioid-cannabinoid cross-tolerance in the modulation of social play behavior in rats. <i>Psychopharmacology</i> , 2019, 236, 2557-2568.	1.5	9
90	Brain Cholesterol Biosynthetic Pathway Is Altered in a Preclinical Model of Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3408.	1.8	9

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91	Neonicotinoid trapping by the FA1 site of human serum albumin. <i>IUBMB Life</i> , 2020, 72, 716-723.	1.5	7
92	N-Acetylcysteine Mitigates Social Dysfunction in a Rat Model of Autism Normalizing Glutathione Imbalance and the Altered Expression of Genes Related to Synaptic Function in Specific Brain Areas. <i>Frontiers in Psychiatry</i> , 2022, 13, 851679.	1.3	7
93	Phosphodiesterase 2A inhibition corrects the aberrant behavioral traits observed in genetic and environmental preclinical models of Autism Spectrum Disorder. <i>Translational Psychiatry</i> , 2022, 12, 119.	2.4	7
94	Binding of direct oral anticoagulants to the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2021, 34, e2877.	1.1	6
95	Detrimental effects of the "bath salt"™ methylenedioxypropylvalerone on social play behavior in male rats. <i>Neuropsychopharmacology</i> , 2020, 45, 2012-2019.	2.8	5
96	Perinatal exposure to omega-3 fatty acid imbalance leads to early behavioral alterations in rat pups. <i>Behavioural Brain Research</i> , 2020, 392, 112723.	1.2	5
97	Long-lasting impact of perinatal dietary supplementation of omega 3 fatty acids on mevalonate pathway: potential role on neuron trophism in male offspring hippocampal formation. <i>Nutritional Neuroscience</i> , 2020, , 1-12.	1.5	5
98	Effects of sevoflurane and clonidine on acid base status and long-term emotional and cognitive outcomes in spontaneously breathing rat pups. <i>PLoS ONE</i> , 2017, 12, e0173969.	1.1	4
99	The Neurochemistry of Social Play Behaviour in Rats. , 0, , 30-48.		2
100	Cannabinoid Modulation of Rodent Ultrasonic Vocalizations in a Social Context: Communicative and Rewarding Properties. , 2015, , 225-243.		1
101	The neuropharmacology of social behavior: From bench to bedside. <i>Neuropharmacology</i> , 2019, 159, 107784.	2.0	1