Elio Acquas

List of Publications by Year
in descending order

94 papers	5,066 citations	101543 36 h-index	88630 70 g-index
95 all docs	95 docs citations	95 times ranked	4312 citing authors

#	Article	IF	Citations
1	Effects of docosanyl ferulate, a constituent of Withania somnifera, on ethanol- and morphine-elicited conditioned place preference and ERK phosphorylation in the accumbens shell of CD1 mice. Psychopharmacology, 2022, 239, 795.	3.1	5
2	Alcohol as Prodrug of Salsolinol. , 2022, , 1-24.		0
3	Impact of Caffeine on Ethanolâ€Induced Stimulation and Sensitization: Changes in ERK and DARPPâ€32 Phosphorylation in Nucleus Accumbens. Alcoholism: Clinical and Experimental Research, 2021, 45, 608-619.	2.4	5
4	The biologically active compound of Withania somnifera (L.) Dunal, docosanyl ferulate, is endowed with potent anxiolytic properties but devoid of typical benzodiazepine-like side effects. Journal of Psychopharmacology, 2021, 35, 026988112110085.	4.0	5
5	Ethanol-Dependent Synthesis of Salsolinol in the Posterior Ventral Tegmental Area as Key Mechanism of Ethanolâ€™s Action on Mesolimbic Dopamine. Frontiers in Neuroscience, 2021, 15, 675061.	2.8	14
6	Neuroprotective effect of (R)-(-)-linalool on oxidative stress in PC12 cells. Phytomedicine Plus, 2021, 1, 100073.	2.0	7
7	Effects of caffeine on ethanol-elicited place preference, place aversion and ERK phosphorylation in CD-1 mice. Journal of Psychopharmacology, 2020, 34, 1357-1370.	4.0	7
8	Editorial: Is Early Onset of Alcohol Use Associated With Later Alcohol Use?. Frontiers in Behavioral Neuroscience, 2020, 14, 133.	2.0	2
9	Inhibition of Morphine- and Ethanol-Mediated Stimulation of Mesolimbic Dopamine Neurons by Withania somnifera. Frontiers in Neuroscience, 2019, 13, 545.	2.8	22
10	Ferulic Acid Esters and Withanolides: In Search of <i>Withania somnifera</i> GABA_A Receptor Modulators. Journal of Natural Products, 2019, 82, 1250-1257.	3.0	13
11	Simultaneous wireless and high-resolution detection of nucleus accumbens shell ethanol concentrations and free motion of rats upon voluntary ethanol intake. Alcohol, 2019, 78, 69-78.	1.7	3
12	Not Just from Ethanol. Tetrahydroisoquinolinic (TIQ) Derivatives: from Neurotoxicity to Neuroprotection. Neurotoxicity Research, 2019, 36, 653-668.	2.7	21
13	Neurobiological Aspects of Ethanol-Derived Salsolinol. , 2019, , 227-235.		0
14	Active avoidance learning differentially activates ERK phosphorylation in the primary auditory and visual cortices of Roman high- and low-avoidance rats. Physiology and Behavior, 2019, 201, 31-41.	2.1	3
15	Evidence of a PPARÎ³-mediated mechanism in the ability of Withania somnifera to attenuate tolerance to the antinociceptive effects of morphine. Pharmacological Research, 2019, 139, 422-430.	7.1	10
16	Sex-specific differences in cannabinoid-induced extracellular-signal-regulated kinase phosphorylation in the cingulate cortex, prefrontal cortex, and nucleus accumbens of Lister Hooded rats. Behavioural Pharmacology, 2018, 29, 473-481.	1.7	8
17	Effects of morphine on place conditioning and ERK1/2 phosphorylation in the nucleus accumbens of psychogenetically selected Roman low- and high-avoidance rats. Psychopharmacology, 2018, 235, 59-69.	3.1	9
18	Standardized phytotherapic extracts rescue anomalous locomotion and electrophysiological responses of TDP-43 Drosophila melanogaster model of ALS. Scientific Reports, 2018, 8, 16002.	3.3	14

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19	Editorial: Ethanol, Its Active Metabolites, and Their Mechanisms of Action: Neurophysiological and Behavioral Effects. Frontiers in Behavioral Neuroscience, 2018, 12, 95.	2.0	3
20	The standardized Withania somnifera Dunal root extract alters basal and morphine-induced opioid receptor gene expression changes in neuroblastoma cells. BMC Complementary and Alternative Medicine, 2018, 18, 9.	3.7	14
21	Differential effects of phytotherapic preparations in the hSOD1 Drosophila melanogaster model of ALS. Scientific Reports, 2017, 7, 41059.	3.3	17
22	Differential effects of the MEK inhibitor SL327 on the acquisition and expression of ethanol-elicited conditioned place preference and aversion in mice. Journal of Psychopharmacology, 2017, 31, 105-114.	4.0	5
23	Is catalase involved in the effects of systemic and pVTA administration of 4-methylpyrazole on ethanol self-administration?. Alcohol, 2017, 63, 61-73.	1.7	8
24	Mystic Acetaldehyde: The Never-Ending Story on Alcoholism. Frontiers in Behavioral Neuroscience, 2017, 11, 81.	2.0	41
25	From Ethanol to Salsolinol: Role of Ethanol Metabolites in the Effects of Ethanol. Journal of Experimental Neuroscience, 2016, 10, JEN.S25099.	2.3	19
26	Role of nucleus accumbens Î¼ opioid receptors in the effects of morphine on ERK1/2 phosphorylation. Psychopharmacology, 2016, 233, 2943-2954.	3.1	9
27	Functional and Morphological Correlates in the Drosophila LRRK2 loss-of-function Model of Parkinsonâ€™s Disease: Drug Effects of Withania somnifera (Dunal) Administration. PLoS ONE, 2016, 11, e0146140.	2.5	24
28	Differential effects of cocaine on extracellular signalâ€•regulated kinase phosphorylation in nuclei of the extended amygdala and prefrontal cortex of psychogenetically selected roman highâ€•and lowâ€•avoidance rats. Journal of Neuroscience Research, 2015, 93, 714-721.	2.9	9
29	Key role of salsolinol in ethanol actions on dopamine neuronal activity of the posterior ventral tegmental area. Addiction Biology, 2015, 20, 182-193.	2.6	39
30	Tea component, epigallocatechin gallate, potentiates anticataleptic and locomotor-sensitizing effects of caffeine in mice. Behavioural Pharmacology, 2015, 26, 125-132.	1.7	3
31	Role of ethanol-derived acetaldehyde in operant oral self-administration of ethanol in rats. Psychopharmacology, 2015, 232, 4269-4276.	3.1	25
32	<i>Withania somnifera</i> Dunal (Indian ginseng) impairs acquisition and expression of ethanol-elicited conditioned place preference and conditioned place aversion. Journal of Psychopharmacology, 2015, 29, 1191-1199.	4.0	8
33	Acquisition and expression of conditioned taste aversion differentially affects extracellular signal regulated kinase and glutamate receptor phosphorylation in rat prefrontal cortex and nucleus accumbens. Frontiers in Behavioral Neuroscience, 2014, 8, 153.	2.0	20
34	The renaissance of acetaldehyde as a psychoactive compound: decades in the making. Frontiers in Behavioral Neuroscience, 2014, 8, 249.	2.0	4
35	Effects of Withania somnifera on oral ethanol self-administration in rats. Behavioural Pharmacology, 2014, 25, 618-628.	1.7	16
36	Differential sensitivity of ethanol-elicited ERK phosphorylation in nucleus accumbens of Sardinian alcohol-preferring and -non preferring rats. Alcohol, 2014, 48, 471-476.	1.7	8

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37	Withania somnifera root extract prolongs analgesia and suppresses hyperalgesia in mice treated with morphine. Phytomedicine, 2014, 21, 745-752.	5.3	37
38	An Overview on Biologic Medications and Their Possible Role in Apical Periodontitis. Journal of Endodontics, 2014, 40, 1902-1911.	3.1	45
39	Mucuna pruriens (Velvet bean) Rescues Motor, Olfactory, Mitochondrial and Synaptic Impairment in PINK1B9 Drosophila melanogaster Genetic Model of Parkinsonâ€™s Disease. PLoS ONE, 2014, 9, e110802.	2.5	39
40	Effects of <scp>l</scp>â€Cysteine on Reinstatement of Ethanolâ€Seeking Behavior and on Reinstatementâ€Elicited Extracellular Signalâ€“Regulated Kinase Phosphorylation in the Rat Nucleus Accumbens Shell. Alcoholism: Clinical and Experimental Research, 2013, 37, E329-37.	2.4	17
41	Behavioral Pharmacology of Caffeine. , 2013, , 1349-1362.		2
42	Withania somnifera prevents acquisition and expression of morphine-elicited conditioned place preference. Behavioural Pharmacology, 2013, 24, 133-143.	1.7	26
43	Behavioral and biochemical evidence of the role of acetaldehyde in the motivational effects of ethanol. Frontiers in Behavioral Neuroscience, 2013, 7, 86.	2.0	10
44	Caffeine-Mediated ERK Phosphorylation in the Rat Brain. , 2013, , 1095-1104.		0
45	Chapter 14. Caffeine and the Brain: An Overview. Food and Nutritional Components in Focus, 2012, , 247-267.	0.1	2
46	Piecing together the puzzle of acetaldehyde as a neuroactive agent. Neuroscience and Biobehavioral Reviews, 2012, 36, 404-430.	6.1	104
47	Effect of opioid receptor blockade on acetaldehyde self-administration and ERK phosphorylation in the rat nucleus accumbens. Alcohol, 2011, 45, 773-783.	1.7	28
48	Simultaneous Golgi-Cox and immunofluorescence using confocal microscopy. Brain Structure and Function, 2011, 216, 171-182.	2.3	40
49	The MEK inhibitor SL327 blocks acquisition but not expression of lithium-induced conditioned place aversion: a behavioral and immunohistochemical study. Psychopharmacology, 2011, 216, 63-73.	3.1	26
50	Role of dopamine D₁ receptors in caffeineâ€mediated ERK phosphorylation in the rat brain. Synapse, 2010, 64, 341-349.	1.2	20
51	Acetaldehyde elicits ERK phosphorylation in the rat nucleus accumbens and extended amygdala. Synapse, 2010, 64, 916-927.	1.2	20
52	Role of Dopamine D₁ Receptors and Extracellular Signal Regulated Kinase in the Motivational Properties of Acetaldehyde as Assessed by Place Preference Conditioning. Alcoholism: Clinical and Experimental Research, 2010, 34, 607-616.	2.4	36
53	Withania somnifera Prevents Morphine Withdrawal-Induced Decrease in Spine Density in Nucleus Accumbens Shell of Rats: A Confocal Laser Scanning Microscopy Study. Neurotoxicity Research, 2009, 16, 343-355.	2.7	38
54	Ethanolâ€Induced Extracellular Signal Regulated Kinase: Role of Dopamine D₁ Receptors. Alcoholism: Clinical and Experimental Research, 2009, 33, 858-867.	2.4	50

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55	Explaining the Escalation of Drug Use in Substance Dependence: Models and Appropriate Animal Laboratory Tests. Pharmacology, 2007, 80, 65-119.	2.2	127
56	Differential effects of intravenous R,S-(ï¿½)-3,4-methylenedioxymethamphetamine (MDMA, Ecstasy) and its S(+)- and R(?)-enantiomers on dopamine transmission and extracellular signal regulated kinase phosphorylation (pERK) in the rat nucleus accumbens shell and core. Journal of Neurochemistry, 2007, 102, 121-132.	3.9	51
57	Differential neurochemical and behavioral adaptation to cocaine after response contingent and noncontingent exposure in the rat. Psychopharmacology, 2007, 191, 653-667.	3.1	107
58	Reciprocal effects of response contingent and noncontingent intravenous heroin on in vivo nucleus accumbens shell versus core dopamine in the rat: a repeated sampling microdialysis study. Psychopharmacology, 2007, 194, 103-116.	3.1	59
59	Modulation of Î”9-THC-induced increase of cortical and hippocampal acetylcholine release by Î¼ opioid and D1 dopamine receptors. Neuropharmacology, 2006, 50, 661-670.	4.1	34
60	Persistent and Reversible Morphine Withdrawal-Induced Morphological Changes in the Nucleus Accumbens. Annals of the New York Academy of Sciences, 2006, 1074, 446-457.	3.8	50
61	Effect of 3,4-methylendioxymethamphetamine (MDMA, â€œecstasyâ€) on dopamine transmission in the nucleus accumbens shell and core. Brain Research, 2005, 1055, 143-148.	2.2	44
62	Human immunodeficiency virus type 1 glycoprotein gp120 reduces the levels of brain-derived neurotrophic factor in vivo: potential implication for neuronal cell death. European Journal of Neuroscience, 2004, 20, 2857-2864.	2.6	81
63	Dopamine and drug addiction: the nucleus accumbens shell connection. Neuropharmacology, 2004, 47, 227-241.	4.1	777
64	Human Immunodeficiency virus type 1 protein gp120 causes neuronal cell death in the rat brain by activating caspases. Neurotoxicity Research, 2003, 5, 605-615.	2.7	42
65	Differential Effects of Caffeine on Dopamine and Acetylcholine Transmission in Brain Areas of Drug-naive and Caffeine-pretreated Rats. Neuropsychopharmacology, 2002, 27, 182-193.	5.4	150
66	Dopaminergic Regulation of Striatal Acetylcholine Release: The Critical Role of Acetylcholinesterase Inhibition. Journal of Neurochemistry, 2002, 70, 1088-1093.	3.9	39
67	Behavioural sensitization after repeated exposure to Î” 9 -tetrahydrocannabinol and cross-sensitization with morphine. Psychopharmacology, 2001, 158, 259-266.	3.1	151
68	Role of dopamine D 1 receptors in the control of striatal acetylcholine release by endogenous dopamine. Neurological Sciences, 2001, 22, 41-42.	1.9	20
69	Role of striatal acetylcholine on dopamine D 1 receptor agonist-induced turning behavior in 6-hydroxydopamine lesioned rats: a microdialysis-behavioral study. Neurological Sciences, 2001, 22, 63-64.	1.9	6
70	Intravenous administration of ecstasy (3,4-methylendioxymethamphetamine) enhances cortical and striatal acetylcholine release in vivo. European Journal of Pharmacology, 2001, 418, 207-211.	3.5	40
71	Î”9-tetrahydrocannabinol enhances cortical and hippocampal acetylcholine release in vivo: a microdialysis study. European Journal of Pharmacology, 2001, 419, 155-161.	3.5	50
72	Cannabinoid CB1 receptor agonists increase rat cortical and hippocampal acetylcholine release in vivo. European Journal of Pharmacology, 2000, 401, 179-185.	3.5	72

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73	Molecular Pharmacology and Neuroanatomy. Handbooks of Pharmacology and Toxicology, 2000, , 369-384.	0.1	2
74	Drug Addiction as a Disorder of Associative Learning: Role of Nucleus Accumbens Shell/Extended Amygdala Dopamine. Annals of the New York Academy of Sciences, 1999, 877, 461-485.	3.8	204
75	Dopamine D1 receptor-mediated control of striatal acetylcholine release by endogenous dopamine. European Journal of Pharmacology, 1999, 383, 121-127.	3.5	18
76	Local application of SCH 39166 reversibly and dose-dependently decreases acetylcholine release in the rat striatum. European Journal of Pharmacology, 1999, 383, 275-279.	3.5	11
77	A within-subjects microdialysis/behavioural study of the role of striatal acetylcholine in D1-dependent turning. Behavioural Brain Research, 1999, 103, 219-228.	2.2	7
78	Pharmacology of sensory stimulation-evoked increases in frontal cortical acetylcholine release. Neuroscience, 1998, 85, 73-83.	2.3	47
79	Homologies and Differences in the Action of Drugs of Abuse and a Conventional Reinforcer (Food) on Dopamine Transmission: An Interpretative Framework of the Mechanism of Drug Dependence. Advances in Pharmacology, 1997, 42, 983-987.	2.0	45
80	Ethanol as a neurochemical surrogate of conventional reinforcers: The dopamine-opioid link. Alcohol, 1996, 13, 13-17.	1.7	115
81	Conditioned and Unconditioned Stimuli Increase Frontal Cortical and Hippocampal Acetylcholine Release: Effects of Novelty, Habituation, and Fear. Journal of Neuroscience, 1996, 16, 3089-3096.	3.6	305
82	Chronic lithium attenuates dopamine D1-receptor mediated increases in acetylcholine release in rat frontal cortex. Psychopharmacology, 1996, 125, 162-167.	3.1	33
83	The potent and selective dopamine D1 receptor agonist A-77636 increases cortical and hippocampal acetylcholine release in the rat. European Journal of Pharmacology, 1994, 260, 85-87.	3.5	37
84	D1 receptor blockade stereospecifically impairs the acquisition of drug-conditioned place preference and place aversion. Behavioural Pharmacology, 1994, 5, 555-569.	1.7	96
85	Blockade of Î´-opioid receptors in the nucleus accumbens prevents ethanol-induced stimulation of dopamine release. European Journal of Pharmacology, 1993, 230, 239-241.	3.5	116
86	Drug Motivation and Abuse: A Neurobiological Perspective. Annals of the New York Academy of Sciences, 1992, 654, 207-219.	3.8	79
87	Extracellular Concentrations of Dopamine and Metabolites in the Rat Caudate After Oral Administration of a Novel Catechol-O-Methyltransferase Inhibitor Ro 40?7592. Journal of Neurochemistry, 1992, 59, 326-330.	3.9	64
88	Depression of Mesolimbic Dopamine Transmission and Sensitization to Morphine During Opiate Abstinence. Journal of Neurochemistry, 1992, 58, 1620-1625.	3.9	205
89	Profound depression of mesolimbic dopamine release after morphine withdrawal in dependent rats. European Journal of Pharmacology, 1991, 193, 133-134.	3.5	135
90	Blockade of acquisition of drug-conditioned place aversion by 5HT3 antagonists. Psychopharmacology, 1990, 100, 459-463.	3.1	42

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91	5HT3 receptor antagonists block morphine- and nicotine-but not amphetamine-induced reward. Psychopharmacology, 1989, 97, 175-178.	3.1	175
92	SCH 23390 blocks drug-conditioned place-preference and place-aversion: anhedonia (lack of reward) or apathy (lack of motivation) after dopamine-receptor blockade?. Psychopharmacology, 1989, 99, 151-155.	3.1	198
93	Differential inhibitory effects of a 5-HT3 antagonist on drug-induced stimulation of dopamine release. European Journal of Pharmacology, 1989, 164, 515-519.	3.5	259
94	5-HT3 receptors antagonists block morphine- and nicotine- but not amphetamine-induced place-preference conditioning. Pharmacological Research Communications, 1988, 20, 1113-1114.	0.2	13