Elio Acquas

List of Publications by Year in Descending Order

93 papers	4,432 citations	34 h-index	65 g-index
95 ext. papers	4,705 ext. citations	4.4 avg, IF	5 L-index

#	Paper	IF	Citations
93	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	4.7	0
92	Alcohol as Prodrug of Salsolinol **2022**, 1-24		
91	Caffeine and Alcohol **2022**, 1-20		
90	Impact of Caffeine on Ethanol-Induced Stimulation and Sensitization: Changes in ERK and DARPP-32 Phosphorylation in Nucleus Accumbens. *Alcoholism: Clinical and Experimental Research*, **2021**, 45, 608-619	3.7	2
89	The biologically active compound of (L.) Dunal, docosanyl ferulate, is endowed with potent anxiolytic properties but devoid of typical benzodiazepine-like side effects. *Journal of Psychopharmacology*, **2021**, 35, 1277-1284	4.6	4
88	Ethanol-Dependent Synthesis of Salsolinol in the Posterior Ventral Tegmental Area as Key Mechanism of Ethanol Action on Mesolimbic Dopamine. *Frontiers in Neuroscience*, **2021**, 15, 675061	5.1	9
87	Neuroprotective effect of (R)-(-)-linalool on oxidative stress in PC12 cells. *Phytomedicine Plus*, **2021**, 1, 100073		4
86	Effects of caffeine on ethanol-elicited place preference, place aversion and ERK phosphorylation in CD-1 mice. *Journal of Psychopharmacology*, **2020**, 34, 1357-1370	4.6	4
85	Inhibition of Morphine- and Ethanol-Mediated Stimulation of Mesolimbic Dopamine Neurons by. *Frontiers in Neuroscience*, **2019**, 13, 545	5.1	13
84	Ferulic Acid Esters and Withanolides: In Search of Withania somnifera GABA Receptor Modulators. *Journal of Natural Products*, **2019**, 82, 1250-1257	4.9	8
83	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	2.7	2
82	Not Just from Ethanol. Tetrahydroisoquinolinic (TIQ) Derivatives: from Neurotoxicity to Neuroprotection. *Neurotoxicity Research*, **2019**, 36, 653-668	4.3	16
81	Neurobiological Aspects of Ethanol-Derived Salsolinol **2019**, 227-235		
80	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	3.5	3
79	Evidence of a PPAR-mediated mechanism in the ability of Withania somnifera to attenuate tolerance to the antinociceptive effects of morphine. *Pharmacological Research*, **2019**, 139, 422-430	10.2	5
78	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	2.4	7
77	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	4.7	11

76	Effects of morphine on place conditioning and ERK phosphorylation in the nucleus accumbens of psychogenetically selected Roman low- and high-avoidance rats. *Psychopharmacology*, **2018**, 235, 59-69	4.7	6
75	Standardized phytotherapic extracts rescue anomalous locomotion and electrophysiological responses of TDP-43 Drosophila melanogaster model of ALS. *Scientific Reports*, **2018**, 8, 16002	4.9	7
74	Differential effects of phytotherapic preparations in the hSOD1 Drosophila melanogaster model of ALS. *Scientific Reports*, **2017**, 7, 41059	4.9	12
73	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	4.6	5
72	Is catalase involved in the effects of systemic and pVTA administration of 4-methylpyrazole on ethanol self-administration?. *Alcohol*, **2017**, 63, 61-73	2.7	7
71	Mystic Acetaldehyde: The Never-Ending Story on Alcoholism. *Frontiers in Behavioral Neuroscience*, **2017**, 11, 81	3.5	26
70	Role of nucleus accumbens opioid receptors in the effects of morphine on ERK1/2 phosphorylation. *Psychopharmacology*, **2016**, 233, 2943-54	4.7	8
69	Functional and Morphological Correlates in the Drosophila LRRK2 loss-of-function Model of Parkinson Disease: Drug Effects of Withania somnifera (Dunal) Administration. *PLoS ONE*, **2016**, 11, e0146140	3.7	15
68	From Ethanol to Salsolinol: Role of Ethanol Metabolites in the Effects of Ethanol. *Journal of Experimental Neuroscience*, **2016**, 10, 137-146	3.6	16
67	Tea component, epigallocatechin gallate, potentiates anticataleptic and locomotor-sensitizing effects of caffeine in mice. *Behavioural Pharmacology*, **2015**, 26, 125-32	2.4	2
66	Role of ethanol-derived acetaldehyde in operant oral self-administration of ethanol in rats. *Psychopharmacology*, **2015**, 232, 4269-76	4.7	23
65	Withania somnifera Dunal (Indian ginseng) impairs acquisition and expression of ethanol-elicited conditioned place preference and conditioned place aversion. *Journal of Psychopharmacology*, **2015**, 29, 1191-9	4.6	7
64	Differential effects of cocaine on extracellular signal-regulated kinase phosphorylation in nuclei of the extended amygdala and prefrontal cortex of psychogenetically selected Roman high- and low-avoidance rats. *Journal of Neuroscience Research*, **2015**, 93, 714-21	4.4	8
63	Key role of salsolinol in ethanol actions on dopamine neuronal activity of the posterior ventral tegmental area. *Addiction Biology*, **2015**, 20, 182-93	4.6	34
62	Withania somnifera root extract prolongs analgesia and suppresses hyperalgesia in mice treated with morphine. *Phytomedicine*, **2014**, 21, 745-52	6.5	33
61	An overview on biologic medications and their possible role in apical periodontitis. *Journal of Endodontics*, **2014**, 40, 1902-11	4.7	35
60	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	3.5	18
59	The renaissance of acetaldehyde as a psychoactive compound: decades in the making. *Frontiers in Behavioral Neuroscience*, **2014**, 8, 249	3.5	1

58	Effects of Withania somnifera on oral ethanol self-administration in rats. *Behavioural Pharmacology*, **2014**, 25, 618-28	2.4	13
57	Differential sensitivity of ethanol-elicited ERK phosphorylation in nucleus accumbens of Sardinian alcohol-preferring and -non preferring rats. *Alcohol*, **2014**, 48, 471-6	2.7	8
56	Mucuna pruriens (Velvet bean) rescues motor, olfactory, mitochondrial and synaptic impairment in PINK1B9 Drosophila melanogaster genetic model of Parkinson's disease. *PLoS ONE*, **2014**, 9, e110802	3.7	30
55	Effects of L-cysteine on reinstatement of ethanol-seeking behavior and on reinstatement-elicited extracellular signal-regulated kinase phosphorylation in the rat nucleus accumbens shell. *Alcoholism: Clinical and Experimental Research*, **2013**, 37 Suppl 1, E329-37	3.7	16
54	Behavioral Pharmacology of Caffeine **2013**, 1349-1362		1
53	Withania somnifera prevents acquisition and expression of morphine-elicited conditioned place preference. *Behavioural Pharmacology*, **2013**, 24, 133-43	2.4	22
52	Behavioral and biochemical evidence of the role of acetaldehyde in the motivational effects of ethanol. *Frontiers in Behavioral Neuroscience*, **2013**, 7, 86	3.5	9
51	Caffeine-Mediated ERK Phosphorylation in the Rat Brain **2013**, 1095-1104		
50	Piecing together the puzzle of acetaldehyde as a neuroactive agent. *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 404-30	9	89
49	Chapter 14:Caffeine and the Brain: An Overview. *Food and Nutritional Components in Focus*, **2012**, 247-267		1
48	Effect of opioid receptor blockade on acetaldehyde self-administration and ERK phosphorylation in the rat nucleus accumbens. *Alcohol*, **2011**, 45, 773-83	2.7	28
47	Simultaneous Golgi-Cox and immunofluorescence using confocal microscopy. *Brain Structure and Function*, **2011**, 216, 171-82	4	35
46	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	4.7	20
45	Role of dopamine D(1) receptors in caffeine-mediated ERK phosphorylation in the rat brain. *Synapse*, **2010**, 64, 341-9	2.4	19
44	Acetaldehyde elicits ERK phosphorylation in the rat nucleus accumbens and extended amygdala. *Synapse*, **2010**, 64, 916-27	2.4	20
43	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, 607-16	3.7	34
42	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, 343-55	4.3	32
41	Ethanol-induced extracellular signal regulated kinase: role of dopamine D1 receptors. *Alcoholism: Clinical and Experimental Research*, **2009**, 33, 858-67	3.7	48

40	Differential effects of intravenous R,S-(+/-)-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, 121-32	6	47
39	Differential neurochemical and behavioral adaptation to cocaine after response contingent and noncontingent exposure in the rat. *Psychopharmacology*, **2007**, 191, 653-67	4.7	99
38	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, 103-16	4.7	54
37	Explaining the escalation of drug use in substance dependence: models and appropriate animal laboratory tests. *Pharmacology*, **2007**, 80, 65-119	2.3	112
36	Modulation of Delta(9)-THC-induced increase of cortical and hippocampal acetylcholine release by micro opioid and D(1) dopamine receptors. *Neuropharmacology*, **2006**, 50, 661-70	5.5	29
35	Persistent and reversible morphine withdrawal-induced morphological changes in the nucleus accumbens. *Annals of the New York Academy of Sciences*, **2006**, 1074, 446-57	6.5	40
34	Effect of 3,4-methylendioxymethamphetamine (MDMA, "ecstasy") on dopamine transmission in the nucleus accumbens shell and core. *Brain Research*, **2005**, 1055, 143-8	3.7	39
33	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, 2857-64	3.5	72
32	Human immunodeficiency virus type 1 protein gp120 causes neuronal cell death in the rat brain by activating caspases. *Neurotoxicity Research*, **2004**, 5, 605-15	4.3	38
31	Dopamine and drug addiction: the nucleus accumbens shell connection. *Neuropharmacology*, **2004**, 47 Suppl 1, 227-41	5.5	695
30	Differential effects of caffeine on dopamine and acetylcholine transmission in brain areas of drug-naive and caffeine-pretreated rats. *Neuropsychopharmacology*, **2002**, 27, 182-93	8.7	115
29	Behavioural sensitization after repeated exposure to Delta 9-tetrahydrocannabinol and cross-sensitization with morphine. *Psychopharmacology*, **2001**, 158, 259-66	4.7	127
28	Role of dopamine D1 receptors in the control of striatal acetylcholine release by endogenous dopamine. *Neurological Sciences*, **2001**, 22, 41-2	3.5	18
27	Role of striatal acetylcholine on dopamine D1 receptor agonist-induced turning behavior in 6-hydroxydopamine lesioned rats: a microdialysis-behavioral study. *Neurological Sciences*, **2001**, 22, 63-4	3.5	5
26	Intravenous administration of ecstasy (3,4-methylendioxymethamphetamine) enhances cortical and striatal acetylcholine release in vivo. *European Journal of Pharmacology*, **2001**, 418, 207-11	5.3	34
25	Delta9-tetrahydrocannabinol enhances cortical and hippocampal acetylcholine release in vivo: a microdialysis study. *European Journal of Pharmacology*, **2001**, 419, 155-61	5.3	42
24	Cannabinoid CB(1) receptor agonists increase rat cortical and hippocampal acetylcholine release in vivo. *European Journal of Pharmacology*, **2000**, 401, 179-85	5.3	61
23	Molecular Pharmacology and Neuroanatomy. *Handbooks of Pharmacology and Toxicology*, **2000**, 369-384		2

22	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, 461-85	6.5	181
21	Dopamine D(1) receptor-mediated control of striatal acetylcholine release by endogenous dopamine. *European Journal of Pharmacology*, **1999**, 383, 121-7	5.3	16
20	Local application of SCH 39166 reversibly and dose-dependently decreases acetylcholine release in the rat striatum. *European Journal of Pharmacology*, **1999**, 383, 275-9	5.3	11
19	A within-subjects microdialysis/behavioural study of the role of striatal acetylcholine in D1-dependent turning. *Behavioural Brain Research*, **1999**, 103, 219-28	3.4	6
18	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*, **1998**, 42, 983-7	5.7	39
17	Pharmacology of sensory stimulation-evoked increases in frontal cortical acetylcholine release. *Neuroscience*, **1998**, 85, 73-83	3.9	45
16	Dopaminergic regulation of striatal acetylcholine release: the critical role of acetylcholinesterase inhibition. *Journal of Neurochemistry*, **1998**, 70, 1088-93	6	33
15	Ethanol as a neurochemical surrogate of conventional reinforcers: the dopamine-opioid link. *Alcohol*, **1996**, 13, 13-7	2.7	110
14	Conditioned and unconditioned stimuli increase frontal cortical and hippocampal acetylcholine release: effects of novelty, habituation, and fear. *Journal of Neuroscience*, **1996**, 16, 3089-96	6.6	279
13	Chronic lithium attenuates dopamine D1-receptor mediated increases in acetylcholine release in rat frontal cortex. *Psychopharmacology*, **1996**, 125, 162-7	4.7	30
12	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, 85-7	5.3	34
11	D1 receptor blockade stereospecifically impairs the acquisition of drug-conditioned place preference and place aversion. *Behavioural Pharmacology*, **1994**, 5, 555-569	2.4	88
10	Blockade of delta-opioid receptors in the nucleus accumbens prevents ethanol-induced stimulation of dopamine release. *European Journal of Pharmacology*, **1993**, 230, 239-41	5.3	95
9	Drug motivation and abuse: a neurobiological perspective. *Annals of the New York Academy of Sciences*, **1992**, 654, 207-19	6.5	73
8	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, 326-30	6	59
7	Depression of mesolimbic dopamine transmission and sensitization to morphine during opiate abstinence. *Journal of Neurochemistry*, **1992**, 58, 1620-5	6	191
6	Profound depression of mesolimbic dopamine release after morphine withdrawal in dependent rats. *European Journal of Pharmacology*, **1991**, 193, 133-4	5.3	108
5	Blockade of acquisition of drug-conditioned place aversion by 5HT3 antagonists. *Psychopharmacology*, **1990**, 100, 459-63	4.7	41

4	5HT3 receptor antagonists block morphine- and nicotine- but not amphetamine-induced reward. *Psychopharmacology*, **1989**, 97, 175-8	4.7	169
3	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, 151-5	4.7	183
2	Differential inhibitory effects of a 5-HT3 antagonist on drug-induced stimulation of dopamine release. *European Journal of Pharmacology*, **1989**, 164, 515-9	5.3	223
1	5-HT3 receptors antagonists block morphine- and nicotine- but not amphetamine-induced place-preference conditioning. *Pharmacological Research Communications*, **1988**, 20, 1113-4		11