David Pubill

List of Publications by Year
in descending order

80 papers	2,272 citations	186265 28 h-index	233421 45 g-index
81 all docs	81 docs citations	81 times ranked	2084 citing authors

#	Article	IF	Citations
1	Impact of adolescent methamphetamine use on social cognition: A human-mice reverse translation study. Drug and Alcohol Dependence, 2022, 230, 109183.	3.2	1
2	Neuropsychopharmacology of Emerging Drugs of Abuse: meta- and para-Halogen-Ring-Substituted Î±-PVP (â€œflakkaâ€) Derivatives. International Journal of Molecular Sciences, 2022, 23, 2226.	4.1	8
3	Repeated administration of N-ethyl-pentedrone induces increased aggression and impairs social exploration after withdrawal in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 117, 110562.	4.8	5
4	Effects of High-Fat Diet and Maternal Binge-Like Alcohol Consumption and Their Influence on Cocaine Response in Female Mice Offspring. International Journal of Neuropsychopharmacology, 2021, 24, 77-88.	2.1	2
5	Integrative In Vitro/Ex Vivo Assessment of in Rodents Using Striatal and Membrane Preparations. Neuromethods, 2021, , 443-457.	0.3	0
6	Role of amino terminal substitutions in the pharmacological, rewarding and psychostimulant profiles of novel synthetic cathinones. Neuropharmacology, 2021, 186, 108475.	4.1	20
7	Structureâ€"Activity Relationship of Novel Second-Generation Synthetic Cathinones: Mechanism of Action, Locomotion, Reward, and Immediate-Early Genes. Frontiers in Pharmacology, 2021, 12, 749429.	3.5	13
8	Behavioural and neurochemical effects after repeated administration of Nâ€ethylpentylone (ephylone) in mice. Journal of Neurochemistry, 2021, , .	3.9	2
9	Cross-reinstatement between 3,4-methylenedioxypyrovalerone (MDPV) and cocaine using conditioned place preference. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 100, 109876.	4.8	9
10	Effects of MDMA on neuroplasticity, amyloid burden and phospho-tau expression in APPswe/PS1dE9 mice. Journal of Psychopharmacology, 2019, 33, 1170-1182.	4.0	7
11	Enantioselective Synthesis of the Ethyl Analog of the Marine Alkaloid Haliclorensin C. Molecules, 2019, 24, 1069.	3.8	0
12	7,8-Dihydroxyflavone blocks the development of behavioral sensitization to MDPV, but not to cocaine: Differential role of the BDNF-TrkB pathway. Biochemical Pharmacology, 2019, 163, 84-93.	4.4	8
13	Neuroadaptive changes and behavioral effects after a sensitization regime of MDPV. Neuropharmacology, 2019, 144, 271-281.	4.1	19
14	Effects of MDPV on dopamine transporter regulation in male rats. Comparison with cocaine. Psychopharmacology, 2019, 236, 925-938.	3.1	15
15	Effect of the combination of mephedrone plus ethanol on serotonin and dopamine release in the nucleus accumbens and medial prefrontal cortex of awake rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 247-254.	3.0	10
16	The BDNF-TrkB signaling pathway is involved differently in the development of locomotor sensitization and place conditioning by MDPV and cocaine. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-94.	0.0	0
17	Ethanol enhances the psychostimulant effect and the monoamine release induced by mephedrone in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-86.	0.0	0
18	The combination of MDPV and ethanol results in decreased cathinone and increased alcohol levels. Study of such pharmacological interaction. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 76, 19-28.	4.8	7

#	ARTICLE	IF	CITATIONS
19	Exposure of adolescent mice to 3,4â€methylenedioxypyrovalerone increases the psychostimulant, rewarding and reinforcing effects of cocaine in adulthood. British Journal of Pharmacology, 2017, 174, 1161-1173.	5.4	24
20	Changes in CREB and deltaFosB are associated with the behavioural sensitization induced by methylenedioxypyrovalerone. Journal of Psychopharmacology, 2016, 30, 707-712.	4.0	16
21	Adolescent exposure to MDMA induces dopaminergic toxicity in substantia nigra and potentiates the amyloid plaque deposition in the striatum of APPswe/PS1dE9 mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1815-1826.	3.8	6
22	The combination of ethanol with mephedrone increases the signs of neurotoxicity and impairs neurogenesis and learning in adolescent CD-1 mice. Toxicology and Applied Pharmacology, 2016, 293, 10-20.	2.8	24
23	Adaptive Plasticity in the Hippocampus of Young Mice Intermittently Exposed to MDMA Could Be the Origin of Memory Deficits. Molecular Neurobiology, 2016, 53, 7271-7283.	4.0	16
24	Alcohol enhances the psychostimulant and conditioning effects of mephedrone in adolescent mice; postulation of unique roles of D₃ receptors and BDNF in place preference acquisition. British Journal of Pharmacology, 2015, 172, 4970-4984.	5.4	25
25	Serotonin is involved in the psychostimulant and hypothermic effect of 4-methylamphetamine in rats. Neuroscience Letters, 2015, 590, 68-73.	2.1	5
26	Neuronal changes and oxidative stress in adolescent rats after repeated exposure to mephedrone. Toxicology and Applied Pharmacology, 2015, 286, 27-35.	2.8	49
27	Concentrations of MDPV in rat striatum correlate with the psychostimulant effect. Journal of Psychopharmacology, 2015, 29, 1209-1218.	4.0	43
28	Dose and Time-Dependent Selective Neurotoxicity Induced by Mephedrone in Mice. PLoS ONE, 2014, 9, e99002.	2.5	61
29	Protracted treatment with MDMA induces heteromeric nicotinic receptor up-regulation in the rat brain: An autoradiography study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 53, 1-8.	4.8	2
30	Repeated doses of methylone, a new drug of abuse, induce changes in serotonin and dopamine systems in the mouse. Psychopharmacology, 2014, 231, 3119-3129.	3.1	27
31	MDMA enhances hippocampal-dependent learning and memory under restrictive conditions, and modifies hippocampal spine density. Psychopharmacology, 2014, 231, 863-874.	3.1	19
32	3,4-Methylenedioxymethamphetamine enhances kainic acid convulsive susceptibility. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 231-242.	4.8	9
33	Serotonergic impairment and memory deficits in adolescent rats after binge exposure of methylone. Journal of Psychopharmacology, 2014, 28, 1053-1063.	4.0	21
34	Molecular basis of the selective binding of MDMA enantiomers to the alpha4beta2 nicotinic receptor subtype: Synthesis, pharmacological evaluation and mechanistic studies. European Journal of Medicinal Chemistry, 2014, 81, 35-46.	5.5	11
35	Heteromeric nicotinic receptors are involved in the sensitization and addictive properties of MDMA in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 44, 201-209.	4.8	20
36	Depression-like behavior is dependent on age in male SAMP8 mice. Biogerontology, 2013, 14, 165-176.	3.9	14

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37	3,4-Methylenedioxy-methamphetamine induces in vivo regional up-regulation of central nicotinic receptors in rats and potentiates the regulatory effects of nicotine on these receptors. NeuroToxicology, 2013, 35, 41-49.	3.0	15
38	An integrated pharmacokinetic and pharmacodynamic study of a new drug of abuse, methylone, a synthetic cathinone sold as â€œbath saltsâ€. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 45, 64-72.	4.8	46
39	Mephedrone pharmacokinetics after intravenous and oral administration in rats: relation to pharmacodynamics. Psychopharmacology, 2013, 229, 295-306.	3.1	107
40	Memory impairment induced by amphetamine derivatives in laboratory animals and in humans: a review. Biomolecular Concepts, 2012, 3, 1-12.	2.2	9
41	Comparative neuropharmacology of three psychostimulant cathinone derivatives: butylone, mephedrone and methylone. British Journal of Pharmacology, 2012, 167, 407-420.	5.4	170
42	Interaction of mephedrone with dopamine and serotonin targets in rats. European Neuropsychopharmacology, 2012, 22, 231-236.	0.7	109
43	Comparative neurochemical profile of 3,4-methylenedioxymethamphetamine and its metabolite alpha-methyldopamine on key targets of MDMA neurotoxicity. Neurochemistry International, 2011, 58, 92-101.	3.8	20
44	Neuronal Nicotinic Receptors as New Targets for Amphetamine-Induced Oxidative Damage and Neurotoxicity. Pharmaceuticals, 2011, 4, 822-847.	3.8	4
45	Assessment of the Adrenergic Effects of Orphenadrine in Rat Vas Deferens. Journal of Pharmacy and Pharmacology, 2010, 51, 307-312.	2.4	5
46	The effects of 3,4-methylenedioxymethamphetamine (MDMA) on nicotinic receptors: Intracellular calcium increase, calpain/caspase 3 activation, and functional upregulation. Toxicology and Applied Pharmacology, 2010, 244, 344-353.	2.8	32
47	Response to Letter to the Editor from Westerink and Hondebrink. Toxicology and Applied Pharmacology, 2010, 249, 249-250.	2.8	2
48	Tumour necrosis factor alpha suppression by MDMA is mediated by peripheral heteromeric nicotinic receptors. Immunopharmacology and Immunotoxicology, 2010, 32, 265-271.	2.4	13
49	Memantine is a useful drug to prevent the spatial and non-spatial memory deficits induced by methamphetamine in rats. Pharmacological Research, 2010, 62, 450-456.	7.1	62
50	Involvement of Nicotinic Receptors in Methamphetamine- and Mdma-Induced Neurotoxicity. International Review of Neurobiology, 2009, 88, 121-166.	2.0	20
51	The involvement of nicotinic receptor subtypes in the locomotor activity and analgesia induced by methamphetamine in mice. Behavioural Pharmacology, 2009, 20, 623-630.	1.7	15
52	Memantine prevents the cognitive impairment induced by 3,4-methylenedioxymethamphetamine in rats. European Journal of Pharmacology, 2008, 589, 132-139.	3.5	34
53	Different oxidative profile and nicotinic receptor interaction of amphetamine and 3,4-methylenedioxy-methamphetamine. Neurochemistry International, 2008, 52, 401-410.	3.8	33
54	Memantine prevents MDMA-induced neurotoxicity. NeuroToxicology, 2008, 29, 179-183.	3.0	38

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55	Memantine protects against amphetamine derivatives-induced neurotoxic damage in rodents. Neuropharmacology, 2008, 54, 1254-1263.	4.1	49
56	Methamphetamine and 3,4-methylenedioxymethamphetamine interact with central nicotinic receptors and induce their up-regulation. Toxicology and Applied Pharmacology, 2007, 223, 195-205.	2.8	40
57	Protection against MDMA-induced dopaminergic neurotoxicity in mice by methyllycaconitine: Involvement of nicotinic receptors. Neuropharmacology, 2006, 51, 885-895.	4.1	39
58	Association of caffeine to MDMA does not increase antinociception but potentiates adverse effects of this recreational drug. Brain Research, 2006, 1111, 72-82.	2.2	30
59	Free radical production induced by methamphetamine in rat striatal synaptosomes. Toxicology and Applied Pharmacology, 2005, 204, 57-68.	2.8	75
60	Methyllycaconitine Prevents Methamphetamine-Induced Effects in Mouse Striatum: Involvement of Î±7 Nicotinic Receptors. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 658-667.	2.5	58
61	Neurotoxicity of amphetamine derivatives is mediated by caspase pathway activation in rat cerebellar granule cells. Toxicology and Applied Pharmacology, 2004, 196, 223-234.	2.8	93
62	Antiapoptotic effects of roscovitine in cerebellar granule cells deprived of serum and potassium: a cell cycle-related mechanism. Neurochemistry International, 2004, 44, 251-261.	3.8	33
63	Different glial response to methamphetamine- and methylenedioxymethamphetamine-induced neurotoxicity. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 490-499.	3.0	123
64	Neuroprotective effects of (Â±)-huprine Y on in vitro and in vivo models of excitoxicity damage. Experimental Neurology, 2003, 180, 123-130.	4.1	23
65	Neuroprotective action of flavopiridol, a cyclin-dependent kinase inhibitor, in colchicine-induced apoptosis. Neuropharmacology, 2003, 45, 672-683.	4.1	39
66	3-amino thioacridone, a selective cyclin-dependent kinase 4 inhibitor, attenuates kainic acid-induced apoptosis in neurons. Neuroscience, 2003, 120, 599-603.	2.3	19
67	Kainic acid-induced apoptosis in cerebellar granule neurons: an attempt at cell cycle re-entry. NeuroReport, 2002, 13, 413-416.	1.2	89
68	Evaluation of neuronal cell death by laser scanning cytometry. Brain Research Protocols, 2002, 9, 41-48.	1.6	8
69	Carnosine prevents methamphetamine-induced gliosis but not dopamine terminal loss in rats. European Journal of Pharmacology, 2002, 448, 165-168.	3.5	32
70	C-Phycocyanin protects cerebellar granule cells from low potassium/serum deprivation-induced apoptosis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 364, 96-104.	3.0	50
71	Orphenadrine prevents 3-nitropropionic acid-induced neurotoxicity in vitro and in vivo. British Journal of Pharmacology, 2001, 132, 693-702.	5.4	40
72	ATP induces intracellular calcium increases and actin cytoskeleton disaggregation via P2x receptors. Cell Calcium, 2001, 29, 299-309.	2.4	47

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73	Further characterization of an adenosine transport system in the mitochondrial fraction of rat testis. European Journal of Pharmacology, 2000, 398, 31-39.	3.5	16
74	Effects of U-83836E on Glutamate-Induced Neurotoxicity in Dissociated Rat Cerebellar Granule Cells. Toxicology and Applied Pharmacology, 1999, 156, 1-5.	2.8	5
75	Microgliosis and down-regulation of adenosine transporter induced by methamphetamine in rats. Brain Research, 1998, 814, 120-126.	2.2	69
76	U-83836E prevents kainic acid-induced neuronal damage. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 357, 413-418.	3.0	12
77	Effect of PCP and sigma ligands on both noradrenaline- and electrically-induced contractions and on [3H]-noradrenaline uptake in rat vas deferens. Autonomic and Autacoid Pharmacology, 1998, 18, 239-244.	0.6	6
78	Characterization of [3H]nisoxetine binding in rat vas deferens membranes: Modulation by sigma and PCP ligands. Life Sciences, 1998, 62, 763-773.	4.3	11
79	MK-801 enhances noradrenergic neurotransmission in rat vas deferens. European Journal of Pharmacology, 1996, 303, 171-175.	3.5	5
80	Characterization and differentiation of peripheral-type benzodiazepine receptors in rat and human prostate. Life Sciences, 1994, 54, 759-767.	4.3	9