

Gerald Zernig

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

2,301
citations

31
h-index

44
g-index

92
ext. papers

2,569
ext. citations

4.1
avg, IF

4.48
L-index

#	Paper	IF	Citations
85	Widening potential for Ca ²⁺ antagonists: non-L-type Ca ²⁺ channel interaction. <i>Trends in Pharmacological Sciences</i> , 1990 , 11, 38-44	13.2	118
84	Explaining the escalation of drug use in substance dependence: models and appropriate animal laboratory tests. <i>Pharmacology</i> , 2007 , 80, 65-119	2.3	112
83	Pharmacological validation of a chronic social stress model of depression in rats: effects of reboxetine, haloperidol and diazepam. <i>Behavioural Pharmacology</i> , 2008 , 19, 183-96	2.4	84
82	Reversal of cocaine-conditioned place preference and mesocorticolimbic Zif268 expression by social interaction in rats. <i>Addiction Biology</i> , 2011 , 16, 273-84	4.6	83
81	Influence of age and gender on risperidone plasma concentrations. <i>Journal of Psychopharmacology</i> , 2005 , 19, 395-401	4.6	81
80	Reinforcing effects of MDMA ("ecstasy") in drug-naive and cocaine-trained rats. <i>Pharmacology</i> , 2001 , 62, 138-44	2.3	76
79	TDM in psychiatry and neurology: A comprehensive summary of the consensus guidelines for therapeutic drug monitoring in neuropsychopharmacology, update 2017; a tool for clinicians. <i>World Journal of Biological Psychiatry</i> , 2018 , 19, 162-174	3.8	64
78	Therapeutic monitoring of aripiprazole by HPLC with column-switching and spectrophotometric detection. <i>Clinical Chemistry</i> , 2005 , 51, 1718-21	5.5	64
77	Human red-blood-cell Ca ²⁺ -antagonist binding sites. Evidence for an unusual receptor coupled to the nucleoside transporter. <i>FEBS Journal</i> , 1985 , 150, 67-77		64
76	Activation of muscarinic and nicotinic acetylcholine receptors in the nucleus accumbens core is necessary for the acquisition of drug reinforcement. <i>Journal of Neuroscience</i> , 2006 , 26, 6004-10	6.6	63
75	Influence of age, gender, body weight and valproate comedication on quetiapine plasma concentrations. <i>International Clinical Psychopharmacology</i> , 2006 , 21, 81-5	2.2	62
74	Conditioned place preference for social interaction in rats: contribution of sensory components. <i>Frontiers in Behavioral Neuroscience</i> , 2011 , 5, 80	3.5	47
73	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. <i>Journal of Neurochemistry</i> , 2007 , 102, 121-32	6	47
72	Stereoselective features of (R)- and (S)-atenolol: clinical pharmacological, pharmacokinetic, and radioligand binding studies. <i>Chirality</i> , 1993 , 5, 15-9	2.1	47
71	Dyadic social interaction as an alternative reward to cocaine. <i>Frontiers in Psychiatry</i> , 2013 , 4, 100	5	44
70	Do vertical shifts in dose-response rate-relationships in operant conditioning procedures indicate "sensitization" to "drug wanting"?. <i>Psychopharmacology</i> , 2004 , 171, 349-51; author reply 352-63	4.7	41
69	Effect of 3,4-methylenedioxymethamphetamine (MDMA, "ecstasy") on dopamine transmission in the nucleus accumbens shell and core. <i>Brain Research</i> , 2005 , 1055, 143-8	3.7	39

68	Blood Levels to Optimize Antipsychotic Treatment in Clinical Practice: A Joint Consensus Statement of the American Society of Clinical Psychopharmacology and the Therapeutic Drug Monitoring Task Force of the Arbeitsgemeinschaft für Neuropsychopharmakologie und Pharmakopsychiatrie. <i>Journal of Clinical Psychiatry</i> , 2020 , 81,	4.6	39
67	Intravenous drug injection habits: drug users' self-reports versus researchers' perception. <i>Pharmacology</i> , 2003 , 68, 49-56	2.3	37
66	Age and gender effects on olanzapine and risperidone plasma concentrations in children and adolescents. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2007 , 17, 665-74	2.9	36
65	Receptor reserve and affinity of mu opioid agonists in mouse antinociception: correlation with receptor binding. <i>Life Sciences</i> , 1995 , 57, 2113-25	6.8	36
64	Differential effects of accumbens core vs. shell lesions in a rat concurrent conditioned place preference paradigm for cocaine vs. social interaction. <i>PLoS ONE</i> , 2011 , 6, e26761	3.7	35
63	Different stereoselective effects of (R)- and (S)-propafenone: clinical pharmacologic, electrophysiologic, and radioligand binding studies. <i>Clinical Pharmacology and Therapeutics</i> , 1990 , 47, 740-6	6.1	35
62	St. John's wort (<i>Hypericum perforatum</i>) and breastfeeding: plasma and breast milk concentrations of hyperforin for 5 mothers and 2 infants. <i>Journal of Clinical Psychiatry</i> , 2006 , 67, 305-9	4.6	35
61	Dyadic social interaction inhibits cocaine-conditioned place preference and the associated activation of the accumbens corridor. <i>Behavioural Pharmacology</i> , 2015 , 26, 580-94	2.4	34
60	Brain regions associated with the acquisition of conditioned place preference for cocaine vs. social interaction. <i>Frontiers in Behavioral Neuroscience</i> , 2012 , 6, 63	3.5	34
59	Differences in social interaction- vs. cocaine reward in mouse vs. rat. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 363	3.5	33
58	Serum concentrations of paliperidone versus risperidone and clinical effects. <i>European Journal of Clinical Pharmacology</i> , 2010 , 66, 797-803	2.8	33
57	Stereoselective binding of niguldipine enantiomers to alpha 1A-adrenoceptors labeled with [³ H]5-methyl-urapidil. <i>European Journal of Pharmacology</i> , 1989 , 172, 329-37		33
56	Withania somnifera prevents morphine withdrawal-induced decrease in spine density in nucleus accumbens shell of rats: a confocal laser scanning microscopy study. <i>Neurotoxicity Research</i> , 2009 , 16, 343-55	4.3	32
55	Activation of PKCzeta and PKMzeta in the nucleus accumbens core is necessary for the retrieval, consolidation and reconsolidation of drug memory. <i>PLoS ONE</i> , 2012 , 7, e30502	3.7	31
54	Opioid receptor modulation of feeding-evoked dopamine release in the rat nucleus accumbens. <i>Brain Research</i> , 1998 , 785, 24-30	3.7	30
53	A randomized trial of short psychotherapy versus sustained-release bupropion for smoking cessation. <i>Addiction</i> , 2008 , 103, 2024-31	4.6	27
52	Calculation of agonist efficacy, apparent affinity, and receptor population changes after administration of insurmountable antagonists: comparison of different analytical approaches. <i>Journal of Pharmacological and Toxicological Methods</i> , 1996 , 35, 223-37	1.7	27
51	Preventive role of social interaction for cocaine conditioned place preference: correlation with FosB/DeltaFosB and pCREB expression in rat mesocorticolimbic areas. <i>Frontiers in Behavioral Neuroscience</i> , 2012 , 6, 8	3.5	25

50	Sigma1 receptor antagonist BD1047 enhances reversal of conditioned place preference from cocaine to social interaction. <i>Pharmacology</i> , 2011 , 87, 45-8	2.3	25
49	Subjective effects of slow-release bupropion versus caffeine as determined in a quasi-naturalistic setting. <i>Pharmacology</i> , 2004 , 70, 206-15	2.3	25
48	Neutral endopeptidase knockout induces hyperalgesia in a model of visceral pain, an effect related to bradykinin and nitric oxide. <i>Journal of Molecular Neuroscience</i> , 2002 , 18, 129-34	3.3	25
47	Nucleus accumbens core acetylcholine is preferentially activated during acquisition of drug- vs food-reinforced behavior. <i>Neuropsychopharmacology</i> , 2008 , 33, 3213-20	8.7	24
46	Effects of antipsychotic treatment on cognition in healthy subjects. <i>Journal of Psychopharmacology</i> , 2013 , 27, 374-85	4.6	23
45	Quetiapine cross reactivity with urine methadone immunoassays. <i>American Journal of Psychiatry</i> , 2007 , 164, 172	11.9	23
44	Alterations within the endogenous opioid system in mice with targeted deletion of the neutral endopeptidase (P _{en} kephalinase) gene. <i>Regulatory Peptides</i> , 2000 , 96, 53-8		23
43	Pharmacokinetics and elimination of quetiapine, venlafaxine, and trazodone during pregnancy and postpartum. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 720-2	1.7	22
42	The substance P (NK1) receptor antagonist (+/-)-CP-96,345 causes sedation and motor impairment in Swiss albino mice in the black-and-white box behavioral paradigm. <i>Neuroscience Letters</i> , 1992 , 143, 169-72	3.3	22
41	Opioids, cocaine, and food change runtime distribution in a rat runway procedure. <i>Psychopharmacology</i> , 2003 , 169, 52-9	4.7	20
40	Simultaneous intra-accumbens remifentanyl and dopamine kinetics suggest that neither determines within-session operant responding. <i>Psychopharmacology</i> , 2005 , 183, 201-9	4.7	18
39	Signal transduction efficacy of the highly potent mu opioid agonist 14-methoxymetopon. <i>Life Sciences</i> , 2000 , 66, 1871-7	6.8	18
38	Different behavioral profiles of the non-peptide substance P (NK1) antagonists CP-96,345 and RP 67580 in Swiss albino mice in the black-and-white box. <i>Neuroscience Letters</i> , 1993 , 151, 64-6	3.3	18
37	Pharmacotherapy of alcohol dependence. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 229-231	13.2	17
36	Mirtazapine and breastfeeding: maternal and infant plasma levels. <i>American Journal of Psychiatry</i> , 2007 , 164, 348-9	11.9	17
35	Reacquisition of cocaine conditioned place preference and its inhibition by previous social interaction preferentially affect D1-medium spiny neurons in the accumbens corridor. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 317	3.5	16
34	Haloperidol and risperidone have specific effects on altered pain sensitivity in the ketamine model of schizophrenia. <i>Psychopharmacology</i> , 2009 , 202, 579-87	4.7	15
33	Phase 1A safety assessment of intravenous amitriptyline. <i>Journal of Pain</i> , 2007 , 8, 549-55	5.2	15

32	Methylenedioxymethamphetamine (MDMA, Ecstasy) serves as a robust positive reinforcer in a rat runway procedure. <i>Pharmacology</i> , 2003 , 69, 180-2	2.3	14
31	Increased conditioned place preference for cocaine in high anxiety related behavior (HAB) mice is associated with an increased activation in the accumbens corridor. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 441	3.5	13
30	Comparable sensitivities of urine cotinine and breath carbon monoxide at follow-up time points of three months or more in a smoking cessation trial. <i>Pharmacology</i> , 2010 , 85, 234-40	2.3	13
29	The impact of early environmental rearing condition on the discriminative stimulus effects and Fos expression induced by cocaine in adult male and female rats. <i>Psychopharmacology</i> , 2009 , 203, 383-97	4.7	13
28	Social interaction and cocaine conditioning in mice increase spontaneous spike frequency in the nucleus accumbens or septal nuclei as revealed by multielectrode array recordings. <i>Pharmacology</i> , 2015 , 95, 42-9	2.3	12
27	Effects of antipsychotic treatment on psychopathology and motor symptoms. A placebo-controlled study in healthy volunteers. <i>Psychopharmacology</i> , 2011 , 218, 733-48	4.7	11
26	What the clinician still has to be reminded of. <i>Therapeutic Drug Monitoring</i> , 2004 , 26, 582	3.2	11
25	"There is no dose-response relationship in psychopharmacotherapy" vs "pharmacotherapy in psychiatry is based on ligand-receptor interaction": a unifying hypothesis and the need for plasma concentration based clinical trials. <i>Psychopharmacology</i> , 2011 , 217, 297-300	4.7	10
24	Therapeutic Drug Monitoring of Long-Acting Injectable Antipsychotic Drugs. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 79-102	3.2	9
23	Dyadic social interaction of C57BL/6 mice versus interaction with a toy mouse: conditioned place preference/aversion, substrain differences, and no development of a hierarchy. <i>Behavioural Pharmacology</i> , 2016 , 27, 279-88	2.4	8
22	Acetylcholine, drug reward and substance use disorder treatment: intra- and interindividual striatal and accumbal neuron ensemble heterogeneity may explain apparent discrepant findings. <i>Pharmacology</i> , 2012 , 90, 264-73	2.3	7
21	Changes in psychopathology in schizophrenia patients starting treatment with new-generation antipsychotics: therapeutic drug monitoring in a naturalistic treatment setting. <i>European Neuropsychopharmacology</i> , 2016 , 26, 717-28	1.2	6
20	Preventive Strength of Dyadic Social Interaction against Reacquisition/Reexpression of Cocaine Conditioned Place Preference. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 225	3.5	6
19	Peri-response pharmacokinetics of remifentanyl during a self-administration session indicates that neither blood nor brain levels are titrated. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1074, 497-504	6.5	6
18	Reinforcing effect of subcutaneous morphine in a modified Ettenberg runway. <i>Journal of Molecular Neuroscience</i> , 2002 , 18, 135-42	3.3	6
17	Opioid agonist effects on mouse writhing after irreversible mu receptor blockade with clocinamox.. <i>Experimental and Clinical Psychopharmacology</i> , 1995 , 3, 323-329	3.2	6
16	Drug history overrides opioid reinforcement in a rat runway procedure. <i>Pharmacology</i> , 2004 , 72, 225-30	2.3	5
15	Lack of reinforcing effect of the benzodiazepine and tricyclic antidepressant combination of diazepam and dothiepin. <i>Pharmacology</i> , 2001 , 62, 124-8	2.3	5

14	Non-adherence to psychotropic medication assessed by plasma level in newly admitted psychiatric patients: Prevalence before acute admission. <i>Psychiatry and Clinical Neurosciences</i> , 2019 , 73, 175-178	6.2	5
13	Therapeutic drug monitoring-based clozapine dosing recommendations. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 130-1	3.2	4
12	Methadone doses upon multiple readmissions to inpatient detoxification: Clinical evidence for very moderate opioid tolerance. <i>Pharmacology</i> , 2006 , 78, 38-43	2.3	3
11	Different behavioral profiles of the non-peptide substance P (NK-1) antagonists CP-96,345 and RP 67580. <i>Regulatory Peptides</i> , 1993 , 46, 346-8		3
10	Making the Case for Power Abuse Disorder as a Nosologic Entity. <i>Pharmacology</i> , 2017 , 100, 50-63	2.3	2
9	[Commentary] REPLICATION AND FURTHER SCIENTIFIC INVESTIGATIONS WILL TELL THE TRUTH. <i>Addiction</i> , 2008 , 103, 2033-2034	4.6	2
8	Modeling addiction: trusted experimental approaches are tried in new applications. <i>Trends in Pharmacological Sciences</i> , 2002 , 23, 399-400	13.2	2
7	Venlafaxine and O-desmethylvenlafaxine serum levels are positively associated with antidepressant response in elder depressed out-patients. <i>World Journal of Biological Psychiatry</i> , 2021 , 1-8	3.8	2
6	Antidepressant efficacy is correlated with plasma levels: mega-analysis and further evidence.. <i>International Clinical Psychopharmacology</i> , 2021 , 37,	2.2	2
5	Lack of a distinctive behavioural effect of chromogranin-derived peptides in rodents. <i>Regulatory Peptides</i> , 2002 , 103, 85-91		1
4	Extremely High-Dosage Zolpidem Poisoning With Favorable Outcome. <i>Journal of Clinical Psychopharmacology</i> , 2021 , 41, 222-223	1.7	1
3	Guía de consenso de expertos para la monitorización terapéutica de drogas en neuropsicofarmacología. <i>Psiquiatría Biológica</i> , 2020 , 27, 83-95	0.2	0
2	Switch to 3-Month Long-Acting Injectable Paliperidone May Decrease Plasma Levels: A Case Series. <i>Journal of Clinical Psychopharmacology</i> , 2021 , 41, 694-696	1.7	0
1	Influence of milk on haloperidol pharmacokinetics.. <i>Experimental and Clinical Psychopharmacology</i> , 1994 , 2, 107-109	3.2	