Thomas R Kosten

List of Publications by Year in descending order

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126 papers 4,926 citations

36 h-index 63 g-index

173 all docs

173 docs citations

173 times ranked

5500 citing authors

#	Article	IF	Citations
1	Brief Report: Increased Addictive Internet and Substance Use Behavior During the COVIDâ€19 Pandemic in China. American Journal on Addictions, 2020, 29, 268-270.	1.4	334
2	Cocaine Vaccine for the Treatment of Cocaine Dependence in Methadone-Maintained Patients. Archives of General Psychiatry, 2009, 66, 1116.	12.3	241
3	Vaccine Pharmacotherapy for the Treatment of Cocaine Dependence. Biological Psychiatry, 2005, 58, 158-164.	1.3	202
4	Human therapeutic cocaine vaccine: safety and immunogenicity. Vaccine, 2002, 20, 1196-1204.	3.8	174
5	Keeping Up with Clinical Advances: Opioid Use Disorder. CNS Spectrums, 2019, 24, 14-24.	1.2	161
6	Decreased serum BDNF levels in chronic institutionalized schizophrenia on long-term treatment with typical and atypical antipsychotics. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1508-1512.	4.8	146
7	Decreased levels of serum brain-derived neurotrophic factor in drug-na \tilde{A} -ve first-episode schizophrenia: relationship to clinical phenotypes. Psychopharmacology, 2009, 207, 375-380.	3.1	134
8	Low BDNF is associated with cognitive impairment in chronic patients with schizophrenia. Psychopharmacology, 2012, 222, 277-284.	3.1	134
9	Review article: Effective management of opioid withdrawal symptoms: A gateway to opioid dependence treatment. American Journal on Addictions, 2019, 28, 55-62.	1.4	131
10	Vaccine for cocaine dependence: A randomized double-blind placebo-controlled efficacy trial. Drug and Alcohol Dependence, 2014, 140, 42-47.	3.2	129
11	Gender differences in cognitive function of patients with chronic schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 39, 358-363.	4.8	111
12	A systematic review and meta-analysis of long term physical and mental sequelae of COVID-19 pandemic: call for research priority and action. Molecular Psychiatry, 2023, 28, 423-433.	7.9	107
13	Cognitive and serum BDNF correlates of BDNF Val66Met gene polymorphism in patients with schizophrenia and normal controls. Human Genetics, 2012, 131, 1187-1195.	3.8	103
14	Pharmacogenetic Randomized Trial for Cocaine Abuse: Disulfiram and Dopamine \hat{l}^2 -Hydroxylase. Biological Psychiatry, 2013, 73, 219-224.	1.3	99
15	Internet Addiction Increases in the General Population During COVIDâ€19: Evidence From China. American Journal on Addictions, 2021, 30, 389-397.	1.4	98
16	Mental and neurological disorders and risk of COVID-19 susceptibility, illness severity and mortality: A systematic review, meta-analysis and call for action. EClinicalMedicine, 2021, 40, 101111.	7.1	84
17	A systematic review and meta-analysis on prevalence of and risk factors associated with depression, anxiety and insomnia in infectious diseases, including COVID-19: a call to action. Molecular Psychiatry, 2022, 27, 3214-3222.	7.9	81
18	Superoxide dismutase and cytokines in chronic patients with schizophrenia: association with psychopathology and response to antipsychotics. Psychopharmacology, 2009, 204, 177-184.	3.1	77

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19	The novel oxidative stress marker thioredoxin is increased in first-episode schizophrenic patients. Schizophrenia Research, 2009, 113, 151-157.	2.0	73
20	Editorial: Challenges to Opioid Use Disorders During COVIDâ€19. American Journal on Addictions, 2020, 29, 174-175.	1.4	68
21	Interaction of BDNF with cytokines in chronic schizophrenia. Brain, Behavior, and Immunity, 2016, 51, 169-175.	4.1	62
22	Update on pharmacotherapy for treatment of opioid use disorder. Expert Opinion on Pharmacotherapy, 2016, 17, 2307-2318.	1.8	60
23	The effect of minocycline on amelioration of cognitive deficits and pro-inflammatory cytokines levels in patients with schizophrenia. Schizophrenia Research, 2019, 212, 92-98.	2.0	57
24	Vaccines against stimulants: cocaine and <scp>MA</scp> . British Journal of Clinical Pharmacology, 2014, 77, 368-374.	2.4	56
25	The relationship between subjective effects induced by a single dose of ketamine and treatment response in patients with major depressive disorder: A systematic review. Journal of Affective Disorders, 2020, 264, 123-129.	4.1	50
26	Elevated plasma superoxide dismutase in first-episode and drug naive patients with schizophrenia: Inverse association with positive symptoms. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 36, 34-38.	4.8	48
27	Psychosis and synthetic cannabinoids. Psychiatry Research, 2018, 268, 400-412.	3.3	48
28	Genome-Wide Association Studies of Schizophrenia and Bipolar Disorder in a Diverse Cohort of US Veterans. Schizophrenia Bulletin, 2021, 47, 517-529.	4.3	48
29	Minocycline adjunctive treatment to risperidone for negative symptoms in schizophrenia: Association with pro-inflammatory cytokine levels. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 85, 69-76.	4.8	46
30	Cigarette Smoking in Male Patients with Chronic Schizophrenia in a Chinese Population: Prevalence and Relationship to Clinical Phenotypes. PLoS ONE, 2012, 7, e30937.	2.5	45
31	Nicotine dependence and serum BDNF levels in male patients with schizophrenia. Psychopharmacology, 2010, 212, 301-307.	3.1	44
32	Mental health services for infectious disease outbreaks including COVID-19: a rapid systematic review. Psychological Medicine, 2020, 50, 2498-2513.	4.5	44
33	Interleukin 18 and cognitive impairment in first episode and drug na \tilde{A} ve schizophrenia versus healthy controls. Brain, Behavior, and Immunity, 2013, 32, 105-111.	4.1	42
34	A Double-Blind, Placebo-Controlled Trial to Evaluate the Safety, Tolerability, and Pharmacokinetics of Single, Escalating Oral Doses of JDTic. Neuropsychopharmacology, 2015, 40, 2059-2065.	5.4	42
35	Cigarette Smoking and Cognitive Function in Chinese Male Schizophrenia: A Case-Control study. PLoS ONE, 2012, 7, e36563.	2.5	41
36	Sex difference in QTc prolongation in chronic institutionalized patients with schizophrenia on long-term treatment with typical and atypical antipsychotics. Psychopharmacology, 2011, 216, 9-16.	3.1	39

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37	Thioredoxin, a novel oxidative stress marker and cognitive performance in chronic and medicated schizophrenia versus healthy controls. Schizophrenia Research, 2013, 143, 301-306.	2.0	39
38	Antagonists in the medical management of opioid use disorders: Historical and existing treatment strategies. American Journal on Addictions, 2018, 27, 177-187.	1.4	38
39	Inhibitory behavioral control: A stochastic dynamic causal modeling study comparing cocaine dependent subjects and controls. Neurolmage: Clinical, 2015, 7, 837-847.	2.7	37
40	Long-Term Impact of COVID-19 on Mental Health among the General Public: A Nationwide Longitudinal Study in China. International Journal of Environmental Research and Public Health, 2021, 18, 8790.	2.6	37
41	Gender differences in socio-demographic and clinical characteristics of methamphetamine inpatients in a Chinese population. Drug and Alcohol Dependence, 2013, 130, 94-100.	3.2	36
42	Contribution of IL-10 and its -592 A/C polymorphism to cognitive functions in first-episode drug-naive schizophrenia. Brain, Behavior, and Immunity, 2016, 57, $116-124$.	4.1	36
43	Outpatient transition to extended-release injectable naltrexone for patients with opioid use disorder: A phase 3 randomized trial. Drug and Alcohol Dependence, 2018, 187, 171-178.	3.2	35
44	Insular resting state functional connectivity is associated with gut microbiota diversity. European Journal of Neuroscience, 2019, 50, 2446-2452.	2.6	35
45	Neuropsychiatric manifestations of COVID-19, potential neurotropic mechanisms, and therapeutic interventions. Translational Psychiatry, 2021, 11, 499.	4.8	35
46	Naltrexone with or without guanfacine for preventing relapse to opiate addiction in StPetersburg, Russia. Drug and Alcohol Dependence, 2013, 132, 674-680.	3.2	34
47	Withdrawal Symptoms and Nicotine Dependence Severity Predict Virtual Reality Craving in Cigarette-Deprived Smokers. Nicotine and Tobacco Research, 2015, 17, 796-802.	2.6	33
48	Increased serum S100B levels in chronic schizophrenic patients on long-term clozapine or typical antipsychotics. Neuroscience Letters, 2009, 462, 113-117.	2.1	31
49	Current status and future prospects for the development of substance abuse vaccines. Expert Review of Vaccines, 2017, 16, 1067-1077.	4.4	31
50	Lower serum cytokine levels in smokers than nonsmokers with chronic schizophrenia on long-term treatment with antipsychotics. Psychopharmacology, 2008, 201, 383-389.	3.1	30
51	Gender differences in the prevalence, risk and clinical correlates of tardive dyskinesia in Chinese schizophrenia. Psychopharmacology, 2009, 205, 647-654.	3.1	30
52	DBH gene as predictor of response in a cocaine vaccine clinical trial. Neuroscience Letters, 2013, 541, 29-33.	2.1	30
53	Prevalence, demographic and clinical correlates of suicide attempts in Chinese medicated chronic inpatients with schizophrenia. Journal of Psychiatric Research, 2013, 47, 1370-1375.	3.1	29
54	Association between interleukin-6 receptor polymorphism and patients with schizophrenia. Schizophrenia Research, 2008, 102, 346-347.	2.0	28

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55	Application of programmable bio-nano-chip system for the quantitative detection of drugs of abuse in oral fluids. Drug and Alcohol Dependence, 2015, 153, 306-313.	3.2	28
56	Smoking and Serum Lipid Profiles in Schizophrenia. Neuroscience Bulletin, 2016, 32, 383-388.	2.9	28
57	COVID-19 Vaccine-Related Psychological Stress Among General Public in China. Frontiers in Psychiatry, 2021, 12, 774504.	2.6	27
58	Association of Catecholâ€∢i>Oâ€methyltransferase gene polymorphisms with schizophrenia and negative symptoms in a Chinese population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 370-375.	1.7	26
59	Can you vaccinate against substance abuse?. Expert Opinion on Biological Therapy, 2013, 13, 1093-1097.	3.1	26
60	Altered methamphetamine place conditioning in mice vaccinated with a succinyl-methamphetamine-tetanus-toxoid vaccine. American Journal on Addictions, 2015, 24, 748-755.	1.4	25
61	Increased habenular connectivity in opioid users is associated with an α5 subunit nicotinic receptor genetic variant. American Journal on Addictions, 2017, 26, 751-759.	1.4	24
62	The Hidden Epidemic of Opioid Overdoses During the Coronavirus Disease 2019 Pandemic. JAMA Psychiatry, 2021, 78, 585.	11.0	24
63	Association between monoamine oxidase (MAO)-A gene variants and schizophrenia in a Chinese population. Brain Research, 2009, 1287, 67-73.	2.2	23
64	Smoking and tardive dyskinesia in male patients with chronic schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1765-1769.	4.8	23
65	Lower serum interleukin-2 levels in schizophrenic patients with tardive dyskinesia. Psychiatry Research, 2012, 198, 329-331.	3.3	21
66	<i>ZNF804A</i> variants confer risk for heroin addiction and affect decision making and gray matter volume in heroin abusers. Addiction Biology, 2016, 21, 657-666.	2.6	21
67	Exenatide Adjunct to Nicotine Patch Facilitates Smoking Cessation and May Reduce Post-Cessation Weight Gain: A Pilot Randomized Controlled Trial. Nicotine and Tobacco Research, 2021, 23, 1682-1690.	2.6	21
68	Association of Symptoms of Attention Deficit and Hyperactivity with Problematic Internet Use among University Students in Wuhan, China During the COVID-19 Pandemic. Journal of Affective Disorders, 2021, 286, 220-227.	4.1	21
69	Clinical symptoms and cognitive impairment associated with male schizophrenia relate to plasma manganese superoxide dismutase activity: A case-control study. Journal of Psychiatric Research, 2013, 47, 1049-1053.	3.1	20
70	Association of the manganese superoxide dismutase gene Ala–9Val polymorphism with clinical phenotypes and tardive dyskinesia in schizophrenic patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 692-696.	4.8	19
71	Gender differences in the prevalence of diabetes mellitus in chronic hospitalized patients with schizophrenia on long-term antipsychotics. Psychiatry Research, 2011, 186, 451-453.	3.3	19
72	Reduction of depression-like behavior in rat model induced by ShRNA targeting norepinephrine transporter in locus coeruleus. Translational Psychiatry, 2020, 10, 130.	4.8	19

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73	Fentanyl conjugate vaccine by injected or mucosal delivery with dmLT or LTA1 adjuvants implicates IgA in protection from drug challenge. Npj Vaccines, 2021, 6, 69.	6.0	19
74	BDNF Val66Met Variant and Smoking in a Chinese Population. PLoS ONE, 2012, 7, e53295.	2.5	18
75	Current status of vaccines for substance use disorders: A brief review of human studies. Journal of the Neurological Sciences, 2022, 434, 120098.	0.6	18
76	Increased S100B serum levels in schizophrenic patients with tardive dyskinesia: Association with dyskinetic movements. Journal of Psychiatric Research, 2010, 44, 429-433.	3.1	17
77	Altered anterior cingulate cortex to hippocampus effective connectivity in response to drug cues in men with cocaine use disorder. Psychiatry Research - Neuroimaging, 2018, 271, 59-66.	1.8	17
78	Current status of immunotherapies for addiction. Annals of the New York Academy of Sciences, 2021, 1489, 3-16.	3.8	17
79	Preclinical efficacy of an antiâ€methamphetamine vaccine using E6020 adjuvant. American Journal on Addictions, 2019, 28, 119-126.	1.4	16
80	Pharmacogenetic Role of <i>Dopamine Transporter</i> (<i>SLC6A3</i>) Variation on Response to Disulfiram Treatment for Cocaine Addiction. American Journal on Addictions, 2019, 28, 311-317.	1.4	16
81	Going from the bedside back to the bench with ecopipam: a new strategy for cocaine pharmacotherapy development. Psychopharmacology, 2001, 155, 327-329.	3.1	15
82	The Val66Met polymorphism of the brain-derived neurotrophic factor gene is not associated with risk for schizophrenia and tardive dyskinesia in Han Chinese population. Schizophrenia Research, 2010, 120, 240-242.	2.0	15
83	Pharmacotherapy for Stimulant-Related Disorders. Current Psychiatry Reports, 2013, 15, 415.	4.5	14
84	Pharmacogenetics of <i>Dopamine βâ€Hydroxylase</i> in cocaine dependence therapy with doxazosin. Addiction Biology, 2019, 24, 531-538.	2.6	14
85	Orbitofrontal, dorsal striatum, and habenula functional connectivity in psychiatric patients with substance use problems. Addictive Behaviors, 2020, 108, 106457.	3.0	14
86	Buprenorphine for the treatment of posttraumatic stress disorder. American Journal on Addictions, 2019, 28, 86-91.	1.4	13
87	Association of functional dopamine-beta-hydroxylase (DBH) 19bp insertion/deletion polymorphism with smoking severity in male schizophrenic smokers. Schizophrenia Research, 2012, 141, 48-53.	2.0	12
88	The dopamine b-hydroxylase 19 bp insertion/deletion polymorphism was associated with first-episode but not medicated chronic schizophrenia. Journal of Psychiatric Research, 2012, 46, 733-737.	3.1	12
89	Subjective and Cardiovascular Effects of Intravenous Methamphetamine during Perindopril Maintenance: A Randomized, Double-Blind, Placebo-Controlled Human Laboratory Study. International Journal of Neuropsychopharmacology, 2016, 19, pyw029.	2.1	12
90	Serum IL-18 level, clinical symptoms and IL-18-607A/C polymorphism among chronic patients with schizophrenia in a Chinese Han population. Psychoneuroendocrinology, 2016, 68, 140-147.	2.7	12

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91	One-day tropisetron treatment improves cognitive deficits and P50 inhibition deficits in schizophrenia. Neuropsychopharmacology, 2020, 45, 1362-1368.	5.4	12
92	Cognitive Deficits and Clinical Symptoms with Hippocampal Subfields in First-Episode and Never-Treated Patients with Schizophrenia. Cerebral Cortex, 2021, 31, 89-96.	2.9	12
93	Epidemiological trends and the advances of treatments of amphetamineâ€type stimulants (ATS) in China. American Journal on Addictions, 2014, 23, 313-317.	1.4	11
94	Elevated serum levels of tumor necrosis factor- \hat{l}_{\pm} in clozapine-associated obesity in chronic schizophrenia. Schizophrenia Research, 2008, 106, 367-368.	2.0	10
95	Altered interleukin-3 serum levels in drug-naÃ-ve and neuroleptic-treated schizophrenic patients. Schizophrenia Research, 2008, 106, 369-370.	2.0	10
96	Dopamine D3 receptor-preferring agonist enhances the subjective effects of cocaine in humans. Psychiatry Research, 2015, 230, 44-49.	3.3	10
97	Guanfacine Attenuates Adverse Effects of Dronabinol (THC) on Working Memory in Adolescent-Onset Heavy Cannabis Users: A Pilot Study. Journal of Neuropsychiatry and Clinical Neurosciences, 2018, 30, 66-76.	1.8	10
98	FAAH variant Pro129Thr modulates subjective effects produced by cocaine administration. American Journal on Addictions, 2018, 27, 567-573.	1.4	10
99	An Opioid for Depression?. American Journal of Psychiatry, 2016, 173, 446-447.	7.2	9
100	Exenatide once weekly for smoking cessation. Medicine (United States), 2018, 97, e9567.	1.0	9
101	Reinforcement sensitivity underlying treatment-seeking smokers' affect, smoking reinforcement motives, and affective responses Psychology of Addictive Behaviors, 2015, 29, 300-311.	2.1	8
102	Cigarette smoking, type 2 diabetes mellitus, and glucagon-like peptide-1 receptor agonists as a potential treatment for smokers with diabetes: An integrative review. Diabetes Research and Clinical Practice, 2019, 149, 78-88.	2.8	7
103	Lofexidine in Combination With Oral Naltrexone for Opioid Use Disorder Relapse Prevention: A Pilot Randomized, Doubleâ€Blind, Placeboâ€Controlled Study. American Journal on Addictions, 2019, 28, 480-488.	1.4	6
104	Psychopharmacology: neuroimmune signaling in psychiatric disease-developing vaccines against abused drugs using toll-like receptor agonists. Psychopharmacology, 2019, 236, 2899-2907.	3.1	6
105	Process genes list: An approach to link genetics and human brain imaging. Journal of Neuroscience Methods, 2020, 339, 108695.	2.5	5
106	A randomized trial of safety and pharmacodynamic interactions between a selective glucocorticoid receptor antagonist, PT150, and ethanol in healthy volunteers. Scientific Reports, 2021, 11, 9876.	3.3	5
107	Opioid Use Disorder After Self-medicating Pain From Traumatic Brain Injury. JAMA Psychiatry, 2018, 75, 649.	11.0	4
108	Cingulate Cortex Structural Alterations in Substance Use Disorder Psychiatric Inpatients. American Journal on Addictions, 2021, 30, 72-79.	1.4	4

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109	The OPRD1 rs678849 variant influences outcome of disulfiram treatment for cocaine dependency in methadone-maintained patients. Psychiatric Genetics, 2021, 31, 88-94.	1.1	4
110	Neurobiology of Opioid Use Disorder and Comorbid Traumatic Brain Injury. JAMA Psychiatry, 2018, 75, 642.	11.0	3
111	Hospital Stay in Synthetic Cannabinoid Users With Bipolar Disorder, Schizophrenia, or Other Psychotic Disorders Compared With Cannabis Users. Journal of Studies on Alcohol and Drugs, 2019, 80, 230-235.	1.0	3
112	Next Generation Programmable Bio-Nano-Chip System for On-Site Detection in Oral Fluids. Journal of Drug Abuse, 2015, 1, 1-6.	0.2	3
113	Smoking reduction and quality of life in chronic patients with schizophrenia in a Chinese population-A pilot study. American Journal on Addictions, 2016, 25, 86-90.	1.4	2
114	Psychopathology and personality traits associated with driving while intoxicated in Beijing, China: Implications for interventions. American Journal on Addictions, 2017, 26, 374-378.	1.4	2
115	Cognitive performance of patients with opioid use disorder transitioned to extended-release injectable naltrexone from buprenorphine: Post hoc analysis of exploratory results of a phase 3 randomized controlled trial. Addictive Behaviors, 2020, 111 , 106538 .	3.0	2
116	Altered habenula resting state functional connectivity in deprived veteran tobacco smokers: A pilot study. Bulletin of the Menninger Clinic, 2020, 84, 21-34.	0.6	2
117	General Approaches to Substance and Polydrug Use Disorders. , 0, , 957-970.		2
118	Comorbid alcohol use and post-traumatic stress disorders: Pharmacotherapy with aldehyde dehydrogenase 2 inhibitors versus current agents. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 115, 110506.	4.8	2
119	A Double-Blind, Placebo-Controlled Trial Demonstrating the Safety, Tolerability, and Pharmacokinetics of Single, Escalating Oral Doses of RTI-336. Frontiers in Pharmacology, 2018, 9, 712.	3.5	1
120	A Novel Approach to Link Genetics and Human MRI Identifies AKAP7-Dependent Subicular/Prefrontal Functional Connectivity as Altered in Suicidality. Chronic Stress, 2022, 6, 247054702210837.	3.4	1
121	Moderation of buprenorphine therapy for cocaine dependence efficacy by variation of the Prodynorphin gene. European Journal of Clinical Pharmacology, 2022, 78, 965-973.	1.9	1
122	Low-Dose Ziprasidone in Combination with Sertraline for First-Episode Drug-NaÃ-ve Patients with Schizophrenia: a Randomized Controlled Trial. Neurotherapeutics, 2022, 19, 1037-1046.	4.4	1
123	General Approaches to Substance Use Disorders. , 2015, , 1394-1400.		0
124	"Just one bad high:―Considering synthetic cannabinoid outcome expectancies in adolescents. American Journal on Addictions, 2016, 25, 620-622.	1.4	0
125	Editorial. American Journal on Addictions, 2018, 27, 5-6.	1.4	0
126	Evolution of the Journal of the American Academy of Addiction Psychiatry: The American Journal on Addictions, 2020, 29, 375-377.	1.4	0