

Stephen T Tiffany

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

11,535
citations

70961

41
h-index

53109

85
g-index

93
all docs

93
docs citations

93
times ranked

6167
citing authors

#	ARTICLE	IF	CITATIONS
1	A cognitive model of drug urges and drug-use behavior: Role of automatic and nonautomatic processes.. <i>Psychological Review</i> , 1990, 97, 147-168.	2.7	1,631
2	Meta-analysis of cue-reactivity in addiction research. <i>Addiction</i> , 1999, 94, 327-340.	1.7	1,331
3	Evaluation of the brief questionnaire of smoking urges (QSU-brief) in laboratory and clinical settings. <i>Nicotine and Tobacco Research</i> , 2001, 3, 7-16.	1.4	1,013
4	The development and initial validation of a questionnaire on smoking urges. <i>Addiction</i> , 1991, 86, 1467-1476.	1.7	807
5	Applying extinction research and theory to cue-exposure addiction treatments. <i>Addiction</i> , 2002, 97, 155-167.	1.7	599
6	The clinical significance of drug craving. <i>Annals of the New York Academy of Sciences</i> , 2012, 1248, 1-17.	1.8	396
7	The development of a cocaine craving questionnaire. <i>Drug and Alcohol Dependence</i> , 1993, 34, 19-28.	1.6	377
8	The measurement of drug craving. <i>Addiction</i> , 2000, 95, 189-210.	1.7	377
9	The measurement of drug craving. <i>Addiction</i> , 2000, 95, 189-210.	1.7	313
10	Are adolescent smokers dependent on nicotine? A review of the evidence. <i>Drug and Alcohol Dependence</i> , 2000, 59, 83-95.	1.6	258
11	A cognitive processing model of alcohol craving and compulsive alcohol use. <i>Addiction</i> , 2000, 95, 145-153.	1.7	257
12	Imagery and smoking urges: The manipulation of affective content. <i>Addictive Behaviors</i> , 1990, 15, 531-539.	1.7	233
13	Induction of smoking urge through imaginal and in vivo procedures: Physiological and self-report manifestations.. <i>Journal of Abnormal Psychology</i> , 1997, 106, 15-25.	2.0	227
14	Is craving the source of compulsive drug use?. <i>Journal of Psychopharmacology</i> , 1998, 12, 23-30.	2.0	203
15	The cue-availability paradigm: The effects of cigarette availability on cue reactivity in smokers.. <i>Experimental and Clinical Psychopharmacology</i> , 2001, 9, 183-190.	1.3	201
16	Beyond drug use: a systematic consideration of other outcomes in evaluations of treatments for substance use disorders. <i>Addiction</i> , 2012, 107, 709-718.	1.7	172
17	A Systematic Review of the Relationships Between Craving and Smoking Cessation. <i>Nicotine and Tobacco Research</i> , 2013, 15, 1167-1182.	1.4	172
18	Effects of transdermal nicotine patches on abstinence-induced and cue-elicited craving in cigarette smokers.. <i>Journal of Consulting and Clinical Psychology</i> , 2000, 68, 233-240.	1.6	171

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19	The effect of alcohol consumption on craving to smoke. <i>Addiction</i> , 1997, 92, 15-26.	1.7	149
20	Production of smoking urges through imagery: The impact of affect and smoking abstinence.. <i>Experimental and Clinical Psychopharmacology</i> , 1996, 4, 198-208.	1.3	134
21	Challenges in the manipulation, assessment and interpretation of craving relevant variables. <i>Addiction</i> , 2000, 95, 177-187.	1.7	123
22	The use of a dual-task procedure for the assessment of cognitive effort associated with cigarette craving. <i>Psychopharmacology</i> , 1996, 127, 155-163.	1.5	121
23	Evaluation of the brief questionnaire of smoking urges (QSU-brief) in laboratory and clinical settings. <i>Nicotine and Tobacco Research</i> , 2001, 3, 7-16.	1.4	119
24	Challenges in the manipulation, assessment and interpretation of craving relevant variables. <i>Addiction</i> , 2000, 95, 177-187.	1.7	107
25	The association between cigarette smoking and DSM-IV nicotine dependence among first year college students. <i>Drug and Alcohol Dependence</i> , 2007, 86, 106-114.	1.6	97
26	The impact of imagining personalized versus standardized urge scenarios on cigarette craving and autonomic reactivity.. <i>Experimental and Clinical Psychopharmacology</i> , 2001, 9, 399-408.	1.3	95
27	The production of smoking urges through an imagery manipulation: Psychophysiological and verbal manifestations. <i>Addictive Behaviors</i> , 1991, 16, 389-400.	1.7	93
28	On the nature of nicotine addiction: A taxometric analysis.. <i>Journal of Abnormal Psychology</i> , 2008, 117, 896-909.	2.0	90
29	The proximal association between smoking and alcohol use among first year college students. <i>Drug and Alcohol Dependence</i> , 2006, 81, 1-9.	1.6	89
30	A critique of contemporary urge and craving research: Methodological, psychometric, and theoretical issues. <i>Advances in Behaviour Research and Therapy</i> , 1992, 14, 123-139.	3.0	75
31	Manipulation of smoking urges and affect through a brief-imagery procedure: Self-report, psychophysiological, and startle probe responses.. <i>Experimental and Clinical Psychopharmacology</i> , 1995, 3, 156-162.	1.3	75
32	Tobacco-induced neurotoxicity of adolescent cognitive development (TINACD): A proposed model for the development of impulsivity in nicotine dependence. <i>Nicotine and Tobacco Research</i> , 2008, 10, 11-25.	1.4	73
33	Smokers deprived of cigarettes for 72 h: effect of nicotine patches on craving and withdrawal. <i>Psychopharmacology</i> , 2002, 164, 177-187.	1.5	72
34	The relationship between craving and tobacco use behavior in laboratory studies: A meta-analysis.. <i>Psychology of Addictive Behaviors</i> , 2014, 28, 1162-1176.	1.4	72
35	The Functional Significance of Craving in Nicotine Dependence. <i>Nebraska Symposium on Motivation</i> , 2008, 55, 171-197.	0.9	61
36	Evaluation of cue reactivity in the natural environment of smokers using ecological momentary assessment.. <i>Experimental and Clinical Psychopharmacology</i> , 2009, 17, 70-77.	1.3	57

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37	An Experimental Test of a Craving Management Technique for Adolescents in Substance-abuse Treatment. <i>Journal of Youth and Adolescence</i> , 2008, 37, 1205-1215.	1.9	54
38	Peak provoked craving: an alternative to smoking cue-reactivity. <i>Addiction</i> , 2013, 108, 1019-1025.	1.7	50
39	What can dependence theories tell us about assessing the emergence of tobacco dependence?. <i>Addiction</i> , 2004, 99, 78-86.	1.7	49
40	The Use of Virtual Reality in the Production of Cue-Specific Craving for Cigarettes: A Meta-Analysis. <i>Nicotine and Tobacco Research</i> , 2016, 18, 538-546.	1.4	49
41	A Wearable Sensor System for Monitoring Cigarette Smoking. <i>Journal of Studies on Alcohol and Drugs</i> , 2013, 74, 956-964.	0.6	46
42	THE CONTINUING CONUNDRUM OF CRAVING. <i>Addiction</i> , 2009, 104, 1618-1619.	1.7	45
43	The impact of cigarette deprivation and cigarette availability on cue-reactivity in smokers. <i>Addiction</i> , 2010, 105, 364-372.	1.7	43
44	Cue-reactivity in the natural environment of cigarette smokers: The impact of photographic and in vivo smoking stimuli. <i>Psychology of Addictive Behaviors</i> , 2011, 25, 733-737.	1.4	39
45	Cue-Exposure Treatment: Time for Change. <i>Addiction</i> , 2002, 97, 1219-1221.	1.7	38
46	New Perspectives on the Measurement, Manipulation and Meaning of Drug Craving. <i>Human Psychopharmacology</i> , 1997, 12, S103-S113.	0.7	37
47	Effect of sustained-release (SR) bupropion on craving and withdrawal in smokers deprived of cigarettes for 72h. <i>Psychopharmacology</i> , 2005, 183, 1-12.	1.5	35
48	Gender Differences in Responses to Cues Presented in the Natural Environment of Cigarette Smokers. <i>Nicotine and Tobacco Research</i> , 2015, 17, 438-442.	1.4	34
49	Wearable Sensors for Monitoring of Cigarette Smoking in Free-Living: A Systematic Review. <i>Sensors</i> , 2019, 19, 4678.	2.1	34
50	A CNN-LSTM neural network for recognition of puffing in smoking episodes using wearable sensors. <i>Biomedical Engineering Letters</i> , 2020, 10, 195-203.	2.1	34
51	A Meta-Analysis of Cue Reactivity in Tobacco Cigarette Smokers. <i>Nicotine and Tobacco Research</i> , 2021, 23, 249-258.	1.4	33
52	Development of a Multisensory Wearable System for Monitoring Cigarette Smoking Behavior in Free-Living Conditions. <i>Electronics (Switzerland)</i> , 2017, 6, 104.	1.8	32
53	Cigarette Smoking Detection with An Inertial Sensor and A Smart Lighter. <i>Sensors</i> , 2019, 19, 570.	2.1	30
54	The impact of pre-cessation varenicline on behavioral economic indices of smoking reinforcement. <i>Addictive Behaviors</i> , 2014, 39, 1484-1490.	1.7	25

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55	Development and Validation of the Questionnaire of Vaping Craving. <i>Nicotine and Tobacco Research</i> , 2019, 21, 63-70.	1.4	25
56	Monitoring of Cigarette Smoking Using Wearable Sensors and Support Vector Machines. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1867-1872.	2.5	24
57	Identification of cigarette smoke inhalations from wearable sensor data using a Support Vector Machine classifier. , 2012, 2012, 4050-3.		23
58	The impact of imagining completed versus interrupted smoking on cigarette craving.. <i>Experimental and Clinical Psychopharmacology</i> , 2000, 8, 68-74.	1.3	20
59	RF hand gesture sensor for monitoring of cigarette smoking. , 2011, , .		20
60	Smoking detection based on regularity analysis of hand to mouth gestures. <i>Biomedical Signal Processing and Control</i> , 2019, 51, 106-112.	3.5	20
61	Selection criteria limit generalizability of smoking pharmacotherapy studies differentially across clinical trials and laboratory studies: A systematic review on varenicline. <i>Drug and Alcohol Dependence</i> , 2016, 169, 180-189.	1.6	19
62	Sex Differences in Subjective and Behavioral Responses to Stressful and Smoking Cues Presented in the Natural Environment of Smokers. <i>Nicotine and Tobacco Research</i> , 2020, 22, 81-88.	1.4	19
63	Impact of varenicline on cue-specific craving assessed in the natural environment among treatment-seeking smokers. <i>Psychopharmacology</i> , 2012, 223, 107-116.	1.5	18
64	A comparative evaluation of self-report and biological measures of cigarette use in nondaily smokers.. <i>Psychological Assessment</i> , 2016, 28, 1043-1050.	1.2	16
65	Momentary changes in craving predict smoking lapse behavior: a laboratory study. <i>Psychopharmacology</i> , 2018, 235, 2001-2012.	1.5	14
66	Response Time to Craving-Item Ratings as an Implicit Measure of Craving-Related Processes. <i>Clinical Psychological Science</i> , 2015, 3, 530-544.	2.4	12
67	Smoking in college freshmen: University Project of the Tobacco Etiology Research Network (U pTERN). <i>Nicotine and Tobacco Research</i> , 2007, 9, 611-625.	1.4	11
68	The magnitude and reliability of cue-specific craving in nondependent smokers. <i>Drug and Alcohol Dependence</i> , 2014, 134, 304-308.	1.6	11
69	Using respiratory signals for the recognition of human activities. , 2016, 2016, 173-176.		11
70	Objective Detection of Cigarette Smoking from Physiological Sensor Signals. , 2019, 2019, 3563-3566.		11
71	Wearable Egocentric Camera as a Monitoring Tool of Free-Living Cigarette Smoking: A Feasibility Study. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1883-1890.	1.4	11
72	Craving and tobacco use: Development of the choice behavior under cued conditions (CBUCC) procedure.. <i>Psychology of Addictive Behaviors</i> , 2017, 31, 276-283.	1.4	10

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73	Detection of cigarette smoke inhalations from respiratory signals using reduced feature set. , 2013, 2013, 6031-4.		9
74	Comparison of Tobacco and Electronic Cigarette Reward Value Measured During a Cue-Reactivity Task: An Extension of the Choice Behavior Under Cued Conditions Procedure. Nicotine and Tobacco Research, 2019, 21, 1394-1400.	1.4	8
75	The impact of three weeks of pre-quit varenicline on reinforcing value and craving for cigarettes in a laboratory choice procedure. Psychopharmacology, 2021, 238, 599-609.	1.5	8
76	Computation of Cigarette Smoke Exposure Metrics From Breathing. IEEE Transactions on Biomedical Engineering, 2020, 67, 2309-2316.	2.5	7
77	Understanding smoking behavior using wearable sensors: Relative importance of various sensor modalities. , 2014, 2014, 6899-902.		6
78	The Reliability and Stability of Puff Topography Variables in Non-Daily Smokers Assessed in the Laboratory. Nicotine and Tobacco Research, 2016, 18, 484-490.	1.4	6
79	Recognizing cigarette smoke inhalations using hidden Markov models. , 2017, 2017, 1242-1245.		6
80	Comparing the reward value of cigarettes and food during tobacco abstinence and nonabstinence. Drug and Alcohol Dependence, 2019, 204, 107475.	1.6	5
81	Diagnostic Utility of Craving in Predicting Nicotine Dependence: Impact of Craving Content and Item Stability. Nicotine and Tobacco Research, 2013, 15, 1988-1995.	1.4	4
82	Cognitive regulation of smoking behavior within a cigarette: Automatic and nonautomatic processes.. Psychology of Addictive Behaviors, 2016, 30, 494-499.	1.4	4
83	Evaluation of RIP sensor calibration stability for daily estimation of lung volume. , 2017, , .		4
84	Withdrawal Symptom, Treatment Mechanism, and/or Side Effect? Developing an Explicit Measurement Model for Smoking Cessation Research. Nicotine and Tobacco Research, 2020, 22, 482-491.	1.4	4
85	Assessment of the Choice Behavior Under Cued Conditions (CBUCC) paradigm as a measure of motivation to smoke under laboratory conditions. Addiction, 2020, 115, 302-312.	1.7	4
86	Craving Among Polysubstance Using Adolescents. Journal of Child and Adolescent Substance Abuse, 2008, 17, 101-124.	0.5	3
87	OTHER OUTCOMES IN TREATMENTS FOR SUBSTANCE USE DISORDERS: A CALL FOR ACTION. Addiction, 2012, 107, 725-726.	1.7	3
88	Peak-provoked craving deserves a seat at the research table. Addiction, 2013, 108, 1030-1031.	1.7	3
89	Consideration of a comprehensive animal model of addiction: the limitations of modeling a counterfeit condition. Psychopharmacology, 2014, 231, 3919-3920.	1.5	3
90	Combined smoking and alcohol cues: Effects on craving, drug-seeking, and consumption. Alcoholism: Clinical and Experimental Research, 2021, 45, 1864-1876.	1.4	3

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91	An examination of reactivity to craving assessment: Craving to smoke does not change over the course of a multi-item craving questionnaire. <i>Addictive Behaviors</i> , 2015, 45, 74-78.	1.7	1
92	Electromyogram in Cigarette Smoking Activity Recognition. <i>Signals</i> , 2021, 2, 87-97.	1.2	1
93	Modern science and tobacco research.. <i>Health Psychology</i> , 2008, 27, S187-S188.	1.3	1