

# Jon E Sprague

## List of Publications by Citations

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41  
papers

1,035  
citations

17  
h-index

32  
g-index

43  
ext. papers

1,169  
ext. citations

4.8  
avg, IF

4.29  
L-index

#	Paper	IF	Citations
41	Pharmacology: uncoupling the agony from ecstasy. <i>Nature</i> , <b>2003</b> , 426, 403-4	50.4	121
40	Synthetic cathinones ("bath salts"). <i>Journal of Emergency Medicine</i> , <b>2014</b> , 46, 632-42	1.5	114
39	Carvedilol reverses hyperthermia and attenuates rhabdomyolysis induced by 3,4-methylenedioxymethamphetamine (MDMA, Ecstasy) in an animal model. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1311-6	1.4	84
38	Hypothalamic-pituitary-thyroid axis and sympathetic nervous system involvement in hyperthermia induced by 3,4-methylenedioxymethamphetamine (Ecstasy). <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 305, 159-66	4.7	76
37	Toxin-induced hyperthermic syndromes. <i>Medical Clinics of North America</i> , <b>2005</b> , 89, 1277-96	7	71
36	Hippocampal serotonergic damage induced by MDMA (ecstasy): effects on spatial learning. <i>Physiology and Behavior</i> , <b>2003</b> , 79, 281-7	3.5	69
35	The role of the sympathetic nervous system and uncoupling proteins in the thermogenesis induced by 3,4-methylenedioxymethamphetamine. <i>Journal of Molecular Medicine</i> , <b>2004</b> , 82, 787-99	5.5	65
34	Roles of norepinephrine, free Fatty acids, thyroid status, and skeletal muscle uncoupling protein 3 expression in sympathomimetic-induced thermogenesis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 320, 274-80	4.7	45
33	Community pharmacists' attitudes towards clinical utility and ethical implications of pharmacogenetic testing. <i>Personalized Medicine</i> , <b>2013</b> , 10, 793-800	2.2	43
32	Attenuation of 3,4-methylenedioxymethamphetamine (MDMA, Ecstasy)-induced rhabdomyolysis with alpha1- plus beta3-adrenoreceptor antagonists. <i>British Journal of Pharmacology</i> , <b>2004</b> , 142, 667-70	8.6	42
31	The complementary and divergent roles of uncoupling proteins 1 and 3 in thermoregulation. <i>Journal of Physiology</i> , <b>2016</b> , 594, 7455-7464	3.9	39
30	The Pharmacology and Toxicology of the 'Holy Trinity'. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 120, 115-119	3.1	38
29	UCP3 and thyroid hormone involvement in methamphetamine-induced hyperthermia. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 1339-43	6	35
28	In vivo microdialysis and conditioned place preference studies in rats are consistent with abuse potential of tramadol. <i>Synapse</i> , <b>2002</b> , 43, 118-21	2.4	29
27	Impact of common clandestine structural modifications on synthetic cathinone "bath salt" pharmacokinetics. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 328, 18-24	4.6	20
26	Raman Spectroscopic Signature Markers of Dopamine-Human Dopamine Transporter Interaction in Living Cells. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 1510-1518	5.7	20
25	A review of the influence of functional group modifications to the core scaffold of synthetic cathinones on drug pharmacokinetics. <i>Psychopharmacology</i> , <b>2019</b> , 236, 881-890	4.7	19

24	The hyperthermia mediated by 3,4-methylenedioxymethamphetamine (MDMA, Ecstasy) is sensitive to sex differences. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 235, 33-8	4.6	16
23	Impact of Functional Group Modifications on Designer Phenethylamine Induced Hyperthermia. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 871-8	4	13
22	The influence of the host microbiome on 3,4-methylenedioxymethamphetamine (MDMA)-induced hyperthermia and vice versa. <i>Scientific Reports</i> , <b>2019</b> , 9, 4313	4.9	11
21	Cooling down the bath salts: Carvedilol attenuation of methylone and mephedrone mediated hyperthermia. <i>Toxicology Letters</i> , <b>2016</b> , 263, 11-15	4.4	8
20	Gender differences in tolerance to the hyperthermia mediated by the synthetic cathinone methylone. <i>Temperature</i> , <b>2019</b> , 6, 334-340	5.2	6
19	The pharmacophore rule and the pices <i>Forensic Toxicology</i> , <b>2015</b> , 33, 170-173	2.6	6
18	Pharmacodynamic characterization of insulin on MDMA-induced thermogenesis. <i>European Journal of Pharmacology</i> , <b>2009</b> , 615, 257-61	5.3	6
17	Drug safety assurance through clinical genotyping: near-term considerations for a system-wide implementation of personalized medicine. <i>Personalized Medicine</i> , <b>2008</b> , 5, 387-397	2.2	6
16	PTSD Symptoms Experienced and Coping Tactics Used by Crime Scene Investigators in the United States. <i>Journal of Forensic Sciences</i> , <b>2019</b> , 64, 1444-1450	1.8	5
15	Body temperature regulation and drugs of abuse. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2018</b> , 157, 623-633	3	5
14	Technical note: The effects of Bluestar ( ) and luminol when used in conjunction with tetramethylbenzidine or phenolphthalein. <i>Forensic Science International</i> , <b>2016</b> , 262, 156-9	2.6	4
13	Potential of Ecstasy-induced hyperthermia and FAT/CD36 expression in chronically exercised animals. <i>Temperature</i> , <b>2016</b> , 3, 557-566	5.2	3
12	During the COVID-19 Pandemic, Opioid Overdose Deaths Revert to Previous Record Levels in Ohio. <i>Journal of Addiction Medicine</i> , <b>2021</b> ,	3.8	3
11	The Effects of Ecstasy (MDMA) on Rat Liver Bioenergetics. <i>Academic Emergency Medicine</i> , <b>2004</b> , 11, 723-729	3.4	2
10	The pharmacodynamic characterization of an antisense oligonucleotide against monoamine oxidase-B (MAO-B) in rat brain striatal tissue. <i>Cellular and Molecular Neurobiology</i> , <b>2001</b> , 21, 53-64	4.6	2
9	COVID-19 economic impact payments and opioid overdose deaths.. <i>International Journal of Drug Policy</i> , <b>2022</b> , 102, 103608	5.5	2
8	Potential Contribution of the Intestinal Microbiome to Phenethylamine-Induced Hyperthermia. <i>Brain, Behavior and Evolution</i> , <b>2020</b> , 95, 256-271	1.5	2
7	Fentanyl Detection Using Eosin Y Paper Assays. <i>Journal of Forensic Sciences</i> , <b>2020</b> , 65, 1432-1442	1.8	1

6	Stimulating and sustaining scholarly activity at teaching-intensive institutions. <i>Currents in Pharmacy Teaching and Learning</i> , <b>2021</b> , 13, 228-237	1.5	1
5	Pharmacokinetic data of synthetic cathinones in female Sprague-Dawley rats. <i>Data in Brief</i> , <b>2018</b> , 21, 1045-1050	1.2	1
4	Systematic review of Pharmacogenomics Knowledgebase evidence for pharmacogenomic links to the dopamine reward pathway for heroin dependence. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 849-857	2.6	1
3	Reversal of temperature responses to methylone mediated through bi-directional fecal microbiota transplantation between hyperthermic tolerant and naïve rats. <i>Temperature</i> , 1-13	5.2	1
2	HealthCare educational differences in pain management, adverse childhood experiences and their relationship to substance use disorder education.. <i>Substance Abuse Treatment, Prevention, and Policy</i> , <b>2022</b> , 17, 10	3.4	
1	Construction of a drug safety assurance information system based on clinical genotyping. <i>ISRN Bioinformatics</i> , <b>2012</b> , 2012, 982737		