

# Russell B Melchert

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

380  
citations

1039880

9  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	PREDICTIVE VALUE OF IN VITRO MODEL SYSTEMS IN TOXICOLOGY. Annual Review of Pharmacology and Toxicology, 1998, 38, 63-96.	4.2	115
2	Toxic effects of anabolic-androgenic steroids in primary rat hepatic cell cultures. Journal of Pharmacological and Toxicological Methods, 1995, 33, 187-195.	0.3	52
3	Effect of long-term hyperhomocysteinemia on myocardial structure and function in hypertensive rats. Cardiovascular Pathology, 2006, 15, 75-82.	0.7	49
4	Cardiotoxic effects of cocaine and anabolic-androgenic steroids in the athlete. Journal of Pharmacological and Toxicological Methods, 1993, 29, 61-68.	0.3	39
5	The effect of anabolic-androgenic steroids on primary myocardial cell cultures. Medicine and Science in Sports and Exercise, 1992, 24, 206-212.	0.2	35
6	Sublethal Total Body Irradiation Leads to Early Cerebellar Damage and Oxidative Stress. Current Neurovascular Research, 2010, 7, 125-135.	0.4	23
7	Fulfilling the Tripartite Mission During a Pandemic. American Journal of Pharmaceutical Education, 2020, 84, ajpe8156.	0.7	14
8	Lovastatin Inhibits Phenylephrine-Induced ERK Activation and Growth of Cardiac Myocytes. Cardiovascular Toxicology, 2001, 1, 237-252.	1.1	11
9	Cervical cancer isolate PT3, super-permissive for adeno-associated virus replication, over-expresses DNA polymerase $\beta$ , PCNA, RFC and RPA. BMC Microbiology, 2009, 9, 79.	1.3	10
10	Biomimicking Robust Hydrogel for the Mesenchymal Stem Cell Carrier. Pharmaceutical Research, 2015, 32, 3213-3227.	1.7	10
11	Statistical approach to metabonomic analysis of rat urine following surgical trauma. Journal of Chemometrics, 2006, 20, 87-98.	0.7	8
12	Effects of cocaine and norepinephrine on primary cultures of neonatal rat myocardial cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1992, 36, 75-90.	1.1	6
13	A Primary Culture System of Rat Heart-Derived Endothelial Cells for Evaluating Cocaine-Induced Vascular Injury. , 1993, 3, 109-118.		5
14	Interaction of Xenobiotics with Myocardial Signal Transduction Pathways. Cardiovascular Toxicology, 2002, 2, 01-24.	1.1	2
15	Linoleic Acid Metabolites Act to Increase Contractility in Isolated Rat Heart. Cardiovascular Toxicology, 2002, 2, 219-230.	1.1	1