

Joshua P Gray

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,135
citations

361388

20
h-index

477281

29
g-index

32
all docs

32
docs citations

32
times ranked

1887
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms Mediating the Vesicant Actions of Sulfur Mustard after Cutaneous Exposure. <i>Toxicological Sciences</i> , 2010, 114, 5-19.	3.1	179
2	Application of the Amplex red/horseradish peroxidase assay to measure hydrogen peroxide generation by recombinant microsomal enzymes. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1485-1491.	2.9	109
3	Paraquat Increases Cyanide-insensitive Respiration in Murine Lung Epithelial Cells by Activating an NAD(P)H:Paraquat Oxidoreductase. <i>Journal of Biological Chemistry</i> , 2007, 282, 7939-7949.	3.4	64
4	Redox cycling and increased oxygen utilization contribute to diquat-induced oxidative stress and cytotoxicity in Chinese hamster ovary cells overexpressing NADPH-cytochrome P450 reductase. <i>Free Radical Biology and Medicine</i> , 2011, 50, 874-882.	2.9	64
5	Glucagon-Like Peptide-1 Induced Signaling and Insulin Secretion Do Not Drive Fuel and Energy Metabolism in Primary Rodent Pancreatic β -Cells. <i>PLoS ONE</i> , 2009, 4, e6221.	2.5	54
6	Increased oxidative stress and antioxidant expression in mouse keratinocytes following exposure to paraquat. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 384-392.	2.8	52
7	Inflammatory Effects of Phthalates in Neonatal Neutrophils. <i>Pediatric Research</i> , 2010, 68, 134-139.	2.3	51
8	Role of cytochrome P450 reductase in nitrofurantoin-induced redox cycling and cytotoxicity. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1169-1179.	2.9	45
9	Role for malic enzyme, pyruvate carboxylation, and mitochondrial malate import in glucose-stimulated insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1354-E1362.	3.5	43
10	Regulation of Peroxisome Proliferator-Activated Receptor α by Protein Kinase C. <i>Biochemistry</i> , 2005, 44, 10313-10321.	2.5	41
11	NAD kinase regulates the size of the NADPH pool and insulin secretion in pancreatic β -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E191-E199.	3.5	34
12	Inhibition of NADPH cytochrome P450 reductase by the model sulfur mustard vesicant 2-chloroethyl ethyl sulfide is associated with increased production of reactive oxygen species. <i>Toxicology and Applied Pharmacology</i> , 2010, 247, 76-82.	2.8	33
13	Distinct Roles of Cytochrome <i>P</i> 450 Reductase in Mitomycin c Redox Cycling and Cytotoxicity. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1852-1863.	4.1	33
14	Selective Targeting of Selenocysteine in Thioredoxin Reductase by the Half Mustard 2-Chloroethyl Ethyl Sulfide in Lung Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2010, 23, 1045-1053.	3.3	32
15	UVB light upregulates prostaglandin synthases and prostaglandin receptors in mouse keratinocytes. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 14-24.	2.8	29
16	Distinct effects of ultraviolet B light on antioxidant expression in undifferentiated and differentiated mouse keratinocytes. <i>Carcinogenesis</i> , 2007, 29, 219-225.	2.8	28
17	Thymoquinone, a bioactive component of <i>Nigella sativa</i> , normalizes insulin secretion from pancreatic β -cells under glucose overload via regulation of malonyl-CoA. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E394-E404.	3.5	28
18	Curcumin, Hesperidin, and Rutin Selectively Interfere with Apoptosis Signaling and Attenuate Streptozotocin-Induced Oxidative Stress-Mediated Hyperglycemia. <i>Current Neurovascular Research</i> , 2015, 12, 363-374.	1.1	25

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19	Usurping the mitochondrial supremacy: Extramitochondrial sources of reactive oxygen intermediates and their role in beta cell metabolism and insulin secretion. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 167-174.	2.7	22
20	Plasma membrane electron transport in pancreatic β^2 -cells is mediated in part by NQO1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E113-E121.	3.5	21
21	Sepiapterin Reductase Mediates Chemical Redox Cycling in Lung Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 19221-19237.	3.4	20
22	Mechanisms of Doxorubicin Toxicity in Pancreatic β^2 -Cells. <i>Toxicological Sciences</i> , 2016, 152, 395-405.	3.1	20
23	The Ribosomal Protein rpL11 Associates with and Inhibits the Transcriptional Activity of Peroxisome Proliferator-Activated Receptor- α . <i>Toxicological Sciences</i> , 2006, 89, 535-546.	3.1	19
24	<i>N</i> -Benzyladriamycin-14-valerate (AD 198): A Non-Cardiotoxic Anthracycline That Is Cardioprotective through PKC- μ Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 658-664.	2.5	19
25	Potential role of caveolin-1 in acetaminophen-induced hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 36-46.	2.8	16
26	The level of menadione redox-cycling in pancreatic β^2 -cells is proportional to the glucose concentration: Role of NADH and consequences for insulin secretion. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 216-225.	2.8	15
27	Teaching Electrochemistry in the General Chemistry Laboratory through Corrosion Exercises. <i>Journal of Chemical Education</i> , 2018, 95, 842-846.	2.3	14
28	NAD(P)H-dependent quinone oxidoreductase 1 (NQO1) and cytochrome P450 oxidoreductase (CYP450OR) differentially regulate menadione-mediated alterations in redox status, survival and metabolism in pancreatic β^2 -cells. <i>Toxicology Letters</i> , 2016, 262, 1-11.	0.8	13
29	Evidence of aryl hydrocarbon receptor ligands in Presque Isle Bay of Lake Erie. <i>Aquatic Toxicology</i> , 2003, 64, 343-358.	4.0	10
30	Dermal Toxicity of Sulfur Mustard. , 2009, , 611-630.		1
31	Development and description of an interdisciplinary course on the science of terrorism. , 2013, , .		0