

Robert P Casillas

List of Publications by Year in descending order

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40
papers

1,127
citations

394421

19
h-index

395702

33
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41
all docs

41
docs citations

41
times ranked

626
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	Cytokine, chemokine, and matrix metalloproteinase response after sulfur mustard injury to weanling pig skin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 263-272.	3.0	91
3	Alterations in inflammatory cytokine gene expression in sulfur mustard-exposed mouse skin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2000, 14, 291-302.	3.0	83
4	Preferential expression of matrix metalloproteinase-9 in mouse skin after sulfur mustard exposure. <i>Journal of Applied Toxicology</i> , 2006, 26, 239-246.	2.8	70
5	Therapeutic approaches to dermatotoxicity by sulfur mustard I. Modulation of sulfur mustard-induced cutaneous injury in the mouse ear vesicant model. <i>Journal of Applied Toxicology</i> , 2001, 20, S145-S151.	2.8	66
6	Structural changes in the skin of hairless mice following exposure to sulfur mustard correlate with inflammation and DNA damage. <i>Experimental and Molecular Pathology</i> , 2011, 91, 515-527.	2.1	55
7	Role of MAP kinases in regulating expression of antioxidants and inflammatory mediators in mouse keratinocytes following exposure to the half mustard, 2-chloroethyl ethyl sulfide. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 352-360.	2.8	51
8	Expression of proliferative and inflammatory markers in a full-thickness human skin equivalent following exposure to the model sulfur mustard vesicant, 2-chloroethyl ethyl sulfide. <i>Toxicology and Applied Pharmacology</i> , 2010, 249, 178-187.	2.8	32
9	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
10	Immunohistochemical characterization of the basement membrane epitopes in bis(2-chloroethyl) sulfide-induced toxicity in mouse ear skin. <i>Journal of Applied Toxicology</i> , 1999, 19, 313-328.	2.8	31
11	Microarray analysis of gene expression in murine skin exposed to sulfur mustard. <i>Journal of Biochemical and Molecular Toxicology</i> , 2005, 18, 289-299.	3.0	30
12	Clinical progression of ocular injury following arsenical vesicant lewisite exposure. <i>Cutaneous and Ocular Toxicology</i> , 2016, 35, 319-328.	1.3	28
13	Regulation of Hsp27 and Hsp70 expression in human and mouse skin construct models by caveolae following exposure to the model sulfur mustard vesicant, 2-chloroethyl ethyl sulfide. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 112-120.	2.8	27
14	Protective effect of topical iodine containing anti-inflammatory drugs against sulfur mustard-induced skin lesions. <i>Archives of Toxicology</i> , 2004, 78, 156-166.	4.2	24
15	Sulfur mustard induces an endoplasmic reticulum stress response in the mouse ear vesicant model. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 178-187.	2.8	24
16	Cutaneous protease activity in the mouse ear vesicant model. <i>Journal of Applied Toxicology</i> , 2001, 20, S177-S182.	2.8	22
17	Modulation Of Sulfur Mustard-induced Inflammation And Gene Expression By Olvanil In The Hairless Mouse Vesicant Model. <i>Cutaneous and Ocular Toxicology</i> , 2003, 22, 125-136.	0.3	22
18	Time- and dose-dependent analysis of gene expression using microarrays in sulfur mustard-exposed mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2005, 18, 300-312.	3.0	21

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19	Therapeutic potential of a non-steroidal bifunctional anti-inflammatory and anti-cholinergic agent against skin injury induced by sulfur mustard. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 236-244.	2.8	20
20	Histopathological and Molecular Changes in the Rabbit Cornea From Arsenical Vesicant Lewisite Exposure. <i>Toxicological Sciences</i> , 2017, 160, 420-428.	3.1	20
21	Localization of substance P gene expression for evaluating protective countermeasures against sulfur mustard. <i>Toxicology</i> , 2004, 204, 229-239.	4.2	19
22	Upregulation of gamma-actin and laminin-332 in the mouse ear vesicant wound model. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 172-184.	3.0	18
23	Cross-Linking of Thioredoxin Reductase by the Sulfur Mustard Analogue Mechlorethamine (Methylbis(2-chloroethyl)amine) in Human Lung Epithelial Cells and Rat Lung: Selective Inhibition of Disulfide Reduction but Not Redox Cycling. <i>Chemical Research in Toxicology</i> , 2014, 27, 61-75.	3.3	18
24	Cutaneous exposure to vesicant phosgene oxime: Acute effects on the skin and systemic toxicity. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 25-32.	2.8	18
25	Expression of cytokines and chemokines in mouse skin treated with sulfur mustard. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 52-59.	2.8	15
26	Progressive Lung Injury, Inflammation, and Fibrosis in Rats Following Inhalation of Sulfur Mustard. <i>Toxicological Sciences</i> , 2020, 178, 358-374.	3.1	15
27	Structural changes in hair follicles and sebaceous glands of hairless mice following exposure to sulfur mustard. <i>Experimental and Molecular Pathology</i> , 2014, 96, 316-327.	2.1	14
28	Mitigation of nitrogen mustard mediated skin injury by a novel indomethacin bifunctional prodrug. <i>Experimental and Molecular Pathology</i> , 2016, 100, 522-531.	2.1	14
29	Sulfur mustard induced mast cell degranulation in mouse skin is inhibited by a novel anti-inflammatory and anticholinergic bifunctional prodrug. <i>Toxicology Letters</i> , 2018, 293, 77-81.	0.8	14
30	Thioredoxin Cross-Linking by Nitrogen Mustard in Lung Epithelial Cells: Formation of Multimeric Thioredoxin/Thioredoxin Reductase Complexes and Inhibition of Disulfide Reduction. <i>Chemical Research in Toxicology</i> , 2015, 28, 2091-2103.	3.3	12
31	Alterations of Gene Expression in Sulfur Mustard-Exposed Skin Topically Treated with Vanilloids. <i>Cutaneous and Ocular Toxicology</i> , 2004, 23, 321-328.	0.3	11
32	Mustard vesicants alter expression of the endocannabinoid system in mouse skin. <i>Toxicology and Applied Pharmacology</i> , 2016, 303, 30-44.	2.8	11
33	A 7-Day Mouse Model to Assess Protection from Sulfur Mustard (SM) Skin Injury. <i>Cutaneous and Ocular Toxicology</i> , 2003, 22, 231-242.	0.3	6
34	Development of an acute, short-term exposure model for phosgene. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 604-615.	2.7	6
35	Pulmonary injury and oxidative stress in rats induced by inhaled sulfur mustard is ameliorated by anti-tumor necrosis factor- α antibody. <i>Toxicology and Applied Pharmacology</i> , 2021, 428, 115677.	2.8	3
36	APPLICATION AND DETECTION OF 14C-HD IN TWO MOUSE MODELS. <i>Toxicology Mechanisms and Methods</i> , 2002, 12, 293-300.	2.7	1

#	ARTICLE	IF	CITATIONS
37	Dermal Toxicity of Sulfur Mustard. , 2009, , 611-630.		1
38	Dermal Toxicity of Sulfur Mustard. , 2015, , 557-576.		1
39	Dermal toxicity of sulfur mustard. , 2020, , 613-639.		0
40	Altered Gene Expression in Skin after Sulfur Mustard Exposure. FASEB Journal, 2007, 21, A233.	0.5	0