Neera Tewari-Singh

List of Publications by Citations

31 papers	621 citations	16 h-index	24 g-index
35 ext. papers	711 ext. citations	3.8 avg, IF	3.75 L-index

#	Paper	IF	Citations
31	Sulfur mustard analog induces oxidative stress and activates signaling cascades in the skin of SKH-1 hairless mice. *Free Radical Biology and Medicine*, **2009**, 47, 1640-51	7.8	69
30	Inflammatory biomarkers of sulfur mustard analog 2-chloroethyl ethyl sulfide-induced skin injury in SKH-1 hairless mice. *Toxicological Sciences*, **2009**, 108, 194-206	4.4	67
29	Biological and molecular mechanisms of sulfur mustard analogue-induced toxicity in JB6 and HaCaT cells: possible role of ataxia telangiectasia-mutated/ataxia telangiectasia-Rad3-related cell cycle checkpoint pathway. *Chemical Research in Toxicology*, **2010**, 23, 1034-44	4	54
28	Nitrogen mustard exposure of murine skin induces DNA damage, oxidative stress and activation of MAPK/Akt-AP1 pathway leading to induction of inflammatory and proteolytic mediators. *Toxicology Letters*, **2015**, 235, 161-71	4.4	42
27	Sulfur mustard analog, 2-chloroethyl ethyl sulfide-induced skin injury involves DNA damage and induction of inflammatory mediators, in part via oxidative stress, in SKH-1 hairless mouse skin. *Toxicology Letters*, **2011**, 205, 293-301	4.4	40
26	Silibinin, dexamethasone, and doxycycline as potential therapeutic agents for treating vesicant-inflicted ocular injuries. *Toxicology and Applied Pharmacology*, **2012**, 264, 23-31	4.6	30
25	Nitrogen Mustard-Induced Corneal Injury Involves DNA Damage and Pathways Related to Inflammation, Epithelial-Stromal Separation, and Neovascularization. *Cornea*, **2016**, 35, 257-66	3.1	30
24	Histopathological and immunohistochemical evaluation of nitrogen mustard-induced cutaneous effects in SKH-1 hairless and C57BL/6 mice. *Experimental and Toxicologic Pathology*, **2014**, 66, 129-38		27
23	Corneal toxicity induced by vesicating agents and effective treatment options. *Annals of the New York Academy of Sciences*, **2016**, 1374, 193-201	6.5	26
22	Activation of DNA damage repair pathways in response to nitrogen mustard-induced DNA damage and toxicity in skin keratinocytes. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2014**, 763-764, 53-63	3.3	25
21	Mustard vesicating agent-induced toxicity in the skin tissue and silibinin as a potential countermeasure. *Annals of the New York Academy of Sciences*, **2016**, 1374, 184-92	6.5	23
20	Flavanone silibinin treatment attenuates nitrogen mustard-induced toxic effects in mouse skin. *Toxicology and Applied Pharmacology*, **2015**, 285, 71-8	4.6	22
19	Topical nitrogen mustard exposure causes systemic toxic effects in mice. *Experimental and Toxicologic Pathology*, **2015**, 67, 161-70		18
18	Clinical progression of ocular injury following arsenical vesicant lewisite exposure. *Cutaneous and Ocular Toxicology*, **2016**, 35, 319-28	1.8	18
17	Cutaneous injury-related structural changes and their progression following topical nitrogen mustard exposure in hairless and haired mice. *PLoS ONE*, **2014**, 9, e85402	3.7	17
16	Clinically-relevant cutaneous lesions by nitrogen mustard: useful biomarkers of vesicants skin injury in SKH-1 hairless and C57BL/6 mice. *PLoS ONE*, **2013**, 8, e67557	3.7	17
15	Myeloperoxidase deficiency attenuates nitrogen mustard-induced skin injuries. *Toxicology*, **2014**, 320, 25-33	4.4	15

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14	Histopathological and Molecular Changes in the Rabbit Cornea From Arsenical Vesicant Lewisite Exposure. *Toxicological Sciences*, **2017**, 160, 420-428	4.4	12
13	Cutaneous exposure to vesicant phosgene oxime: Acute effects on the skin and systemic toxicity. *Toxicology and Applied Pharmacology*, **2017**, 317, 25-32	4.6	11
12	Phosgene oxime: Injury and associated mechanisms compared to vesicating agents sulfur mustard and lewisite. *Toxicology Letters*, **2018**, 293, 112-119	4.4	11
11	Acute corneal injury in rabbits following nitrogen mustard ocular exposure. *Experimental and Molecular Pathology*, **2019**, 110, 104275	4.4	10
10	Absence of a p53 allele delays nitrogen mustard-induced early apoptosis and inflammation of murine skin. *Toxicology*, **2013**, 311, 184-90	4.4	10
9	Efficacy of anti-inflammatory, antibiotic and pleiotropic agents in reversing nitrogen mustard-induced injury in ex vivo cultured rabbit cornea. *Toxicology Letters*, **2018**, 293, 127-132	4.4	9
8	Toxic consequences and oxidative protein carbonylation from chloropicrin exposure in human corneal epithelial cells. *Toxicology Letters*, **2020**, 322, 1-11	4.4	5
7	Phosgene oxime: a highly toxic urticant and emerging chemical threat. *Toxicology Mechanisms and Methods*, **2021**, 31, 288-292	3.6	4
6	A Supersaturated Oxygen Emulsion for the Topical Treatment of Ocular Trauma. *Military Medicine*, **2020**, 185, e466-e472	1.3	2
5	Mast Cells Promote Nitrogen Mustard-Mediated Toxicity in the Lung Associated With Proinflammatory Cytokine and Bioactive Lipid Mediator Production. *Toxicological Sciences*, **2021**, 184, 127-141	4.4	2
4	Phosgene oxime **2020**, 197-202		1
3	Effect of dexamethasone treatment at variable therapeutic windows in reversing nitrogen mustard-induced corneal injuries in rabbit ocular in vivo model.. *Toxicology and Applied Pharmacology*, **2022**, 437, 115904	4.6	1
2	Pathophysiology and inflammatory biomarkers of sulfur mustard-induced corneal injury in rabbits. *PLoS ONE*, **2021**, 16, e0258503	3.7	1
1	Effect of supersaturated oxygen emulsion treatment on chloropicrin-induced chemical injury in ex vivo rabbit cornea. *Toxicology Letters*, **2021**, 349, 124-133	4.4	0