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List of Publications by Year in descending order

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13
papers

342
citations

840776

11
h-index

1125743

13
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13
all docs

13
docs citations

13
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	MPA-capped CdTe quantum dots exposure causes neurotoxic effects in nematode <i>Caenorhabditis elegans</i> by affecting the transporters and receptors of glutamate, serotonin and dopamine at the genetic level, or by increasing ROS, or both. <i>Nanoscale</i> , 2015, 7, 20460-20473.	5.6	57
2	Safety of novel liposomal drugs for cancer treatment: Advances and prospects. <i>Chemico-Biological Interactions</i> , 2018, 295, 13-19.	4.0	51
3	Impairments of spatial learning and memory following intrahippocampal injection in rats of 3-mercaptopropionic acid-modified CdTe quantum dots and molecular mechanisms. <i>International Journal of Nanomedicine</i> , 2016, 11, 2737.	6.7	29
4	The role of NLRP3 inflammasome activation in the neuroinflammatory responses to Ag ₂ Se quantum dots in microglia. <i>Nanoscale</i> , 2019, 11, 20820-20836.	5.6	28
5	DNA damage in BV2 cells: An important supplement to the neurotoxicity of CdTe quantum dots. <i>Journal of Applied Toxicology</i> , 2019, 39, 525-539.	2.8	28
6	Transcriptome analysis of different sizes of 3-mercaptopropionic acid-modified cadmium telluride quantum dot-induced toxic effects reveals immune response in rat hippocampus. <i>Journal of Applied Toxicology</i> , 2018, 38, 1177-1194.	2.8	26
7	MPA-modified CdTe quantum dots increased interleukin-1beta secretion through MyD88-dependent Toll-like receptor pathway and NLRP3 inflammasome activation in microglia. <i>Toxicology in Vitro</i> , 2018, 52, 41-51.	2.4	26
8	The apoptosis induced by silica nanoparticle through endoplasmic reticulum stress response in human pulmonary alveolar epithelial cells. <i>Toxicology in Vitro</i> , 2019, 56, 126-132.	2.4	25
9	Partial protection of N-acetylcysteine against MPA-capped CdTe quantum dot-induced neurotoxicity in rat primary cultured hippocampal neurons. <i>Toxicology Research</i> , 2015, 4, 1613-1622.	2.1	19
10	<p>The NLRP3-Mediated Neuroinflammatory Responses to CdTe Quantum Dots and the Protection of ZnS Shell</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3217-3233.	6.7	18
11	The protective effects of resveratrol, H ₂ S and thermotherapy on the cell apoptosis induced by CdTe quantum dots. <i>Toxicology in Vitro</i> , 2017, 41, 106-113.	2.4	13
12	A metabolomics study: CdTe/ZnS quantum dots induce polarization in mice microglia. <i>Chemosphere</i> , 2020, 246, 125629.	8.2	12
13	The glycolytic shift was involved in CdTe/ZnS quantum dots inducing microglial activation mediated through the mTOR signaling pathway. <i>Journal of Applied Toxicology</i> , 2020, 40, 388-402.	2.8	10