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Antioxidant properties of fulleranol C₆₀(OH)₂₄ in rat kidneys, testes, and lungs treated with doxorubicin

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Toxicology Mechanisms and Methods, 2010, 20, 298-305.

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#	Paper	IF	Citations
70	Characterization and liquid chromatography-MS/MS based quantification of hydroxylated fullerenes. <i>Analytical Chemistry</i> , 2011 , 83, 1777-83	7.8	43
69	Protective effects of nanostructures of hydrated C(60) fullerene on reproductive function in streptozotocin-diabetic male rats. <i>Toxicology</i> , 2011 , 282, 69-81	4.4	73
68	Physico-chemical properties mediating reproductive and developmental toxicity of engineered nanomaterials. <i>Current Medicinal Chemistry</i> , 2012 , 19, 4488-94	4.3	35
67	Applications of functionalized fullerenes in tumor theranostics. <i>Theranostics</i> , 2012 , 2, 238-50	12.1	182
66	Reproductive Toxicity. 2012 , 225-242		6
65	Preventive and protective effects of silymarin on doxorubicin-induced testicular damages correlate with changes in c-myc gene expression. <i>Phytomedicine</i> , 2012 , 19, 1077-84	6.5	16
64	Late morphofunctional alterations of the Sertoli cell caused by doxorubicin administered to prepubertal rats. <i>Reproductive Biology and Endocrinology</i> , 2012 , 10, 79	5	32
63	Fullerol antagonizes dexamethasone-induced oxidative stress and adipogenesis while enhancing osteogenesis in a cloned bone marrow mesenchymal stem cell. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 1051-7	3.8	39
62	Apoptosis-mediated in vivo toxicity of hydroxylated fullerene nanoparticles in soil nematode <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2012 , 87, 49-54	8.4	54
61	NADPH oxidase-dependent oxidative stress in the failing heart: From pathogenic roles to therapeutic approach. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 291-7	7.8	62
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59	Toxicological and sanitary characteristics of fulleranol (Hydroxylated Fullerene C60) in 28-Day in vivo experiment. <i>Nanotechnologies in Russia</i> , 2013 , 8, 799-809	0.6	3
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56	Antioxidative nanofullerol prevents intervertebral disk degeneration. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2419-30	7.3	33
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54	Cardioprotective effects of fish omega-3 fatty acids on doxorubicin-induced cardiotoxicity in rats. <i>Human and Experimental Toxicology</i> , 2014 , 33, 435-45	3.4	22

53	Effect of ELF-EMF on antioxidant status and micronuclei in K562 cells and normal lymphocytes. <i>Open Life Sciences</i> , 2014 , 9, 931-940	1.2	2
52	Synergistic effect of phosphite with fullerene C60 and fullerol C60(OH)24 as antioxidants in polypropylene. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 1357-1362	3.5	1
51	The applications of buckminsterfullerene C60 and derivatives in orthopaedic research. <i>Connective Tissue Research</i> , 2014 , 55, 71-9	3.3	27
50	Effects of fullerol nanoparticles on acetamiprid induced cytotoxicity and genotoxicity in cultured human lung fibroblasts. <i>Pesticide Biochemistry and Physiology</i> , 2014 , 114, 1-7	4.9	34
49	Review of Synthesis and Antioxidant Potential of Fullerol Nanoparticles. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-15	3.2	52
48	The Effect of Highly Hydroxylated Fullerol C60(OH)36 on Human Erythrocyte Membrane Organization. <i>Journal of Spectroscopy</i> , 2015 , 2015, 1-6	1.5	4
47	Syntheses, Structures and Antioxidant Activities of Fullerenols: Knowledge Learned at the Atomistic Level. <i>Journal of Cluster Science</i> , 2015 , 26, 375-388	3	32
46	Exploring the chemical bonding, infrared and UV-vis absorption spectra of OH radicals adsorption on the smallest fullerene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 144, 258-65	4.4	15
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