

Joydeep Das

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11661166/joydeep-das-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

4,528

citations

39

h-index

67

g-index

70

ext. papers

5,365

ext. citations

5.8

avg, IF

6.12

L-index

#	Paper	IF	Citations
68	Synthesis of novel carbon dots from taurine for Cu ²⁺ sensing and nanohybrid with ceria for visible light photocatalysis. <i>Optical Materials</i> , 2022 , 124, 111995	3.3	2
67	Synthesis of green carbon dots as bioimaging agent and drug delivery system for enhanced antioxidant and antibacterial efficacy. <i>Inorganic Chemistry Communication</i> , 2022 , 139, 109317	3.1	1
66	Enhancement of anti-neoplastic effects of cuminaldehyde against breast cancer via mesoporous silica nanoparticle based targeted drug delivery system.. <i>Life Sciences</i> , 2022 , 120525	6.8	0
65	Synthesis of carbon dots from taurine as bioimaging agent and nanohybrid with ceria for antioxidant and antibacterial applications.. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022 , 102861	3.5	1
64	Synthesis of Rutin loaded nanomagnesia as a smart nanoformulation with significant antibacterial and antioxidant properties. <i>Inorganic Chemistry Communication</i> , 2022 , 109492	3.1	0
63	Fabrication of novel carbon dots/cerium oxide nanocomposites for highly sensitive electrochemical detection of doxorubicin. <i>Diamond and Related Materials</i> , 2022 , 125, 109037	3.5	0
62	Fabrication of phenyl boronic acid modified pH-responsive zinc oxide nanoparticles as targeted delivery of chrysin on human A549 cells. <i>Toxicology Reports</i> , 2022 , 9, 961-969	4.8	0
61	Carnosic acid attenuates doxorubicin-induced cardiotoxicity by decreasing oxidative stress and its concomitant pathological consequences. <i>Food and Chemical Toxicology</i> , 2022 , 113205	4.7	1
60	Methods of preparation of metal-doped and hybrid tungsten oxide nanoparticles for anticancer, antibacterial, and biosensing applications. <i>Surfaces and Interfaces</i> , 2021 , 28, 101641	4.1	4
59	Emerging Role of Redox-Active Nanoceria in Cancer Therapeutics via Oxidative Stress 2021 , 1-23		0
58	Green synthesis of a novel carbon dots from red Korean ginseng and its application for Fe ²⁺ sensing and preparation of nanocatalyst. <i>Inorganic Chemistry Communication</i> , 2021 , 134, 108985	3.1	3
57	Metal-doped and hybrid carbon dots: A comprehensive review on their synthesis and biomedical applications. <i>Journal of Controlled Release</i> , 2021 , 330, 132-150	11.7	50
56	In vivo therapeutic evaluation of a novel bis-lawsone derivative against tumor following delivery using mesoporous silica nanoparticle based redox-responsive drug delivery system. <i>Materials Science and Engineering C</i> , 2021 , 126, 112142	8.3	6
55	A state of the art review on the synthesis, antibacterial, antioxidant, antidiabetic and tissue regeneration activities of zinc oxide nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2021 , 295, 102495	14.3	21
54	Zinc oxide nanoparticles: A comprehensive review on its synthesis, anticancer and drug delivery applications as well as health risks. <i>Advances in Colloid and Interface Science</i> , 2020 , 286, 102317	14.3	31
53	Taurine and cardiac oxidative stress in diabetes 2020 , 361-372		1
52	Tumor targeted delivery of umbelliferone via a smart mesoporous silica nanoparticles controlled-release drug delivery system for increased anticancer efficiency. <i>Materials Science and Engineering C</i> , 2020 , 116, 111239	8.3	27

51	Multifaceted applications of green carbon dots synthesized from renewable sources. <i>Advances in Colloid and Interface Science</i> , 2020 , 275, 102046	14.3	64
50	Nanoparticles as Smart Carriers for Enhanced Cancer Immunotherapy. <i>Frontiers in Chemistry</i> , 2020 , 8, 597806	5	20
49	Small molecules derived carbon dots: synthesis and applications in sensing, catalysis, imaging, and biomedicine. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 92	9.4	165
48	pH-responsive and targeted delivery of curcumin via phenylboronic acid-functionalized ZnO nanoparticles for breast cancer therapy. <i>Journal of Advanced Research</i> , 2019 , 18, 161-172	13	70
47	Synthesis and biomedical applications of nanoceria, a redox active nanoparticle. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 84	9.4	96
46	Microwave induced synthesis of ZnO nanorods and their efficacy as a drug carrier with profound anticancer and antibacterial properties. <i>Toxicology Reports</i> , 2019 , 6, 176-185	4.8	34
45	Targeted delivery of quercetin via pH-responsive zinc oxide nanoparticles for breast cancer therapy. <i>Materials Science and Engineering C</i> , 2019 , 100, 129-140	8.3	73
44	MicroRNA-7641 is a regulator of ribosomal proteins and a promising targeting factor to improve the efficacy of cancer therapy. <i>Scientific Reports</i> , 2017 , 7, 8365	4.9	20
43	Nanoceria-mediated delivery of doxorubicin enhances the anti-tumour efficiency in ovarian cancer cells via apoptosis. <i>Scientific Reports</i> , 2017 , 7, 9513	4.9	43
42	The cytotoxic effects of dimethyl sulfoxide in mouse preimplantation embryos: a mechanistic study. <i>Theranostics</i> , 2017 , 7, 4735-4752	12.1	36
41	Male- and female-derived somatic and germ cell-specific toxicity of silver nanoparticles in mouse. <i>Nanotoxicology</i> , 2016 , 10, 361-73	5.3	56
40	Cationic lipid-nanoceria hybrids, a novel nonviral vector-mediated gene delivery into mammalian cells: investigation of the cellular uptake mechanism. <i>Scientific Reports</i> , 2016 , 6, 29197	4.9	39
39	Hypoxia-mediated autophagic flux inhibits silver nanoparticle-triggered apoptosis in human lung cancer cells. <i>Scientific Reports</i> , 2016 , 6, 21688	4.9	64
38	Efficient delivery of C/EBP beta gene into human mesenchymal stem cells via polyethylenimine-coated gold nanoparticles enhances adipogenic differentiation. <i>Scientific Reports</i> , 2016 , 6, 33784	4.9	23
37	Effect of hexavalent chromium-treated sperm on in vitro fertilization and embryo development. <i>Toxicology and Industrial Health</i> , 2016 , 32, 1700-10	1.8	5
36	Potential toxicity of engineered nanoparticles in mammalian germ cells and developing embryos: treatment strategies and anticipated applications of nanoparticles in gene delivery. <i>Human Reproduction Update</i> , 2016 , 22, 588-619	15.8	28
35	Hexavalent chromium induces apoptosis in human liver (HepG2) cells via redox imbalance. <i>Toxicology Reports</i> , 2015 , 2, 600-608	4.8	51
34	Internalization of silver nanoparticles into mouse spermatozoa results in poor fertilization and compromised embryo development. <i>Scientific Reports</i> , 2015 , 5, 11170	4.9	46

33	Hexavalent chromium induces apoptosis in male somatic and spermatogonial stem cells via redox imbalance. <i>Scientific Reports</i> , 2015 , 5, 13921	4.9	26
32	The Protective Role of Taurine in Cardiac Oxidative Stress under Diabetic Conditions 2014 , 173-182		
31	Taurine ameliorate alloxan induced oxidative stress and intrinsic apoptotic pathway in the hepatic tissue of diabetic rats. <i>Food and Chemical Toxicology</i> , 2013 , 51, 317-29	4.7	99
30	Oxidative stress: the mitochondria-dependent and mitochondria-independent pathways of apoptosis. <i>Archives of Toxicology</i> , 2013 , 87, 1157-80	5.8	918
29	Role of sulfur containing amino acids as an adjuvant therapy in the prevention of diabetes and its associated complications. <i>Current Diabetes Reviews</i> , 2013 , 9, 237-48	2.7	23
28	Taurine exerts hypoglycemic effect in alloxan-induced diabetic rats, improves insulin-mediated glucose transport signaling pathway in heart and ameliorates cardiac oxidative stress and apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2012 , 258, 296-308	4.6	103
27	Mangiferin exerts hepatoprotective activity against D-galactosamine induced acute toxicity and oxidative/nitrosative stress via Nrf2-NFB pathways. <i>Toxicology and Applied Pharmacology</i> , 2012 , 260, 35-47	4.6	126
26	D(+) galactosamine induced oxidative and nitrosative stress-mediated renal damage in rats via NF-B and inducible nitric oxide synthase (iNOS) pathways is ameliorated by a polyphenol xanthone, mangiferin. <i>Free Radical Research</i> , 2012 , 46, 116-32	4	41
25	Taurine ameliorates alloxan-induced diabetic renal injury, oxidative stress-related signaling pathways and apoptosis in rats. <i>Amino Acids</i> , 2012 , 43, 1509-23	3.5	103
24	Contribution of nano-copper particles to in vivo liver dysfunction and cellular damage: role of IB/NF-B, MAPKs and mitochondrial signal. <i>Nanotoxicology</i> , 2012 , 6, 1-21	5.3	71
23	Mechanism of the protective action of taurine in toxin and drug induced organ pathophysiology and diabetic complications: a review. <i>Food and Function</i> , 2012 , 3, 1251-64	6.1	59
22	Modulation of mercury-induced mitochondria-dependent apoptosis by glycine in hepatocytes. <i>Amino Acids</i> , 2012 , 42, 1669-83	3.5	55
21	Taurine protects rat testes against doxorubicin-induced oxidative stress as well as p53, Fas and caspase 12-mediated apoptosis. <i>Amino Acids</i> , 2012 , 42, 1839-55	3.5	103
20	Nano-copper induces oxidative stress and apoptosis in kidney via both extrinsic and intrinsic pathways. <i>Toxicology</i> , 2011 , 290, 208-17	4.4	111
19	Taurine suppresses doxorubicin-triggered oxidative stress and cardiac apoptosis in rat via up-regulation of PI3-K/Akt and inhibition of p53, p38-JNK. <i>Biochemical Pharmacology</i> , 2011 , 81, 891-909 ⁶		151
18	The protective role of arjunolic acid against doxorubicin induced intracellular ROS dependent JNK-p38 and p53-mediated cardiac apoptosis. <i>Biomaterials</i> , 2011 , 32, 4857-66	15.6	118
17	Prophylactic role of D-Saccharic acid-1,4-lactone in tertiary butyl hydroperoxide induced cytotoxicity and cell death of murine hepatocytes via mitochondria-dependent pathways. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011 , 25, 341-54	3.4	13
16	Involvement of both intrinsic and extrinsic pathways in hepatoprotection of arjunolic acid against cadmium induced acute damage in vitro. <i>Toxicology</i> , 2011 , 283, 129-39	4.4	62

15	Protective role of taurine against arsenic-induced mitochondria-dependent hepatic apoptosis via the inhibition of PKCdelta-JNK pathway. <i>PLoS ONE</i> , 2010 , 5, e12602	3.7	81
14	Acetaminophen induced acute liver failure via oxidative stress and JNK activation: protective role of taurine by the suppression of cytochrome P450 2E1. <i>Free Radical Research</i> , 2010 , 44, 340-55	4	112
13	Streptozotocin induced activation of oxidative stress responsive splenic cell signaling pathways: protective role of arjunolic acid. <i>Toxicology and Applied Pharmacology</i> , 2010 , 244, 114-29	4.6	55
12	Arjunolic acid, a triterpenoid saponin, prevents acetaminophen (APAP)-induced liver and hepatocyte injury via the inhibition of APAP bioactivation and JNK-mediated mitochondrial protection. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 535-53	7.8	80
11	Contribution of type 1 diabetes to rat liver dysfunction and cellular damage via activation of NOS, PARP, I κ B α /NF- κ B, MAPKs, and mitochondria-dependent pathways: Prophylactic role of arjunolic acid. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1465-84	7.8	135
10	Hepatotoxicity of di-(2-ethylhexyl)phthalate is attributed to calcium aggravation, ROS-mediated mitochondrial depolarization, and ERK/NF- κ B pathway activation. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1779-91	7.8	71
9	Protective effect of the fruits of Terminalia arjuna against cadmium-induced oxidant stress and hepatic cell injury via MAPK activation and mitochondria dependent pathway. <i>Food Chemistry</i> , 2010 , 123, 1062-1075	8.5	39
8	Acetaminophen induced renal injury via oxidative stress and TNF-alpha production: therapeutic potential of arjunolic acid. <i>Toxicology</i> , 2010 , 268, 8-18	4.4	88
7	Taurine protects acetaminophen-induced oxidative damage in mice kidney through APAP urinary excretion and CYP2E1 inactivation. <i>Toxicology</i> , 2010 , 269, 24-34	4.4	94
6	Arsenic-induced oxidative cerebral disorders: protection by taurine. <i>Drug and Chemical Toxicology</i> , 2009 , 32, 93-102	2.3	61
5	Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF- κ B, p38 and JNK MAPK pathway. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 73-87	4.6	144
4	Taurine protects rat testes against NaAsO ₂ -induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways. <i>Toxicology Letters</i> , 2009 , 187, 201-10	4.4	169
3	Taurine provides antioxidant defense against NaF-induced cytotoxicity in murine hepatocytes. <i>Pathophysiology</i> , 2008 , 15, 181-90	1.8	56
2	Cytoprotective effect of arjunolic acid in response to sodium fluoride mediated oxidative stress and cell death via necrotic pathway. <i>Toxicology in Vitro</i> , 2008 , 22, 1918-26	3.6	80
1	The Imperceptible Contagion: Arsenic as a Neuro-Immune-Endocrine Disruptor. <i>Proceedings of the Zoological Society</i> , 1	0.5	