

Jitender Kumar Bhardwaj

List of Publications by Year in descending order

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35
papers

710
citations

471061

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h-index

580395

25
g-index

35
all docs

35
docs citations

35
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium as a testicular toxicant: A Review. Journal of Applied Toxicology, 2021, 41, 105-117.	1.4	63
2	Effects of heavy metals on reproduction owing to infertility. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22823.	1.4	54
3	Pesticides induced oxidative stress and female infertility: a review. Toxin Reviews, 2020, 39, 1-13.	1.5	41
4	N-Acetyl cysteine mediated effective attenuation of methoxychlor induced granulosa cell apoptosis by counteracting reactive oxygen species generation in caprine ovary. Environmental Toxicology, 2017, 32, 156-166.	2.1	39
5	Granulosa cell apoptosis by impairing antioxidant defense system and cellular integrity in caprine antral follicles post malathion exposure. Environmental Toxicology, 2016, 31, 1944-1954.	2.1	38
6	Inhibitors of apoptosis in testicular germ cells: Synthesis and biological evaluation of some novel IBTs bearing sulfonamide moiety. European Journal of Medicinal Chemistry, 2013, 59, 203-208.	2.6	35
7	Synthesis and biological evaluation of some functionalized 1H-1,2,3-triazole tethered pyrazolo[3,4-b]pyridin-6(7H)-ones as antimicrobial and apoptosis inducing agents. Medicinal Chemistry Research, 2016, 25, 1813-1830.	1.1	33
8	Malathion-Induced Granulosa Cell Apoptosis in Caprine Antral Follicles: An Ultrastructural and Flow Cytometric Analysis. Microscopy and Microanalysis, 2014, 20, 1861-1868.	0.2	31
9	N-Acetyl cysteine mediated inhibition of spermatogonial cells apoptosis against malathion exposure in testicular tissue. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22046.	1.4	31
10	Ameliorating Effects of Natural Antioxidant Compounds on Female Infertility: a Review. Reproductive Sciences, 2021, 28, 1227-1256.	1.1	29
11	Antiapoptotic effects of vitamins C and E against cypermethrin induced oxidative stress and spermatogonial germ cell apoptosis. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22174.	1.4	26
12	Recent advances in microbial toxin-related strategies to combat cancer. Seminars in Cancer Biology, 2022, 86, 753-768.	4.3	26
13	Effective attenuation of glyphosate induced oxidative stress and granulosa cell apoptosis by vitamins C and E in caprines. Molecular Reproduction and Development, 2019, 86, 42-52.	1.0	24
14	N-acetyl-l-cysteine mediated regulation of DNA fragmentation, an apoptotic event, against methoxychlor toxicity in the granulosa cells of ovarian antral follicles. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 858-860, 503222.	0.9	21
15	Ultrastructural characterization of apoptotic granulosa cells in caprine ovary. Journal of Microscopy, 2009, 236, 236-242.	0.8	20
16	Scanning electron microscopic changes in granulosa cells during follicular atresia in Caprine ovary. Scanning, 2011, 33, 21-24.	0.7	19
17	Multicomponent Synthesis of Some Molecular Hybrid Containing Thiazole Pyrazole as Apoptosis Inducer. Drug Research, 2018, 68, 72-79.	0.7	19
18	Quercetin mediated attenuation of cadmium induced oxidative toxicity and apoptosis of spermatogenic cells in caprine testes in vitro. Environmental and Molecular Mutagenesis, 2021, 62, 374-384.	0.9	18

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19	Synthesis of thiazole clubbed pyrazole derivatives as apoptosis inducers and anti-infective agents. <i>Materials Today Chemistry</i> , 2020, 17, 100335.	1.7	15
20	Aggregation, adhesion and efficacy studies of probiotic candidate <i>Pediococcus acidilactici</i> NCDC 252: a strain of dairy origin. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 10.	1.7	13
21	Transmission electron microscopic analysis of malathion-induced cytotoxicity in granulosa cells of caprine antral follicles. <i>Ultrastructural Pathology</i> , 2016, 40, 43-50.	0.4	12
22	Influence of Toxic Chemicals on Female Reproduction: A Review. <i>Cell Biology: Research & Therapy</i> , 2014, 03, .	0.2	12
23	Changes in Trace Elements during Follicular Atresia in Goat (<i>Capra hircus</i>) Ovary. <i>Biological Trace Element Research</i> , 2011, 140, 291-298.	1.9	11
24	Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant <i>N</i> -phenyl-4-aryl-polyhydroquinolines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 722-729.	2.5	11
25	Design, Synthesis, and Screening of Triazolopyrimidine-Pyrazole Hybrids as Potent Apoptotic Inducers. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700137.	2.1	11
26	Topographic and ultrastructural variations in isthmus segment of oviduct during oestrous cycle in <i>Caprines</i> . <i>Scanning</i> , 2013, 35, 344-348.	0.7	9
27	Diacetoxy iodobenzene mediated regioselective synthesis and characterization of novel [1,2,4]triazolo[4,3-a]pyrimidines: apoptosis inducer, antiproliferative activities and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4398-4414.	2.0	9
28	Selective inhibition of carbonic anhydrase IX by sulphonylated 1,2,3-triazole incorporated benzenesulphonamides capable of inducing apoptosis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1454-1463.	2.5	8
29	Ameliorative potential of vitamin C and E against Roundup-glyphosate induced genotoxicity triggering apoptosis in caprine granulosa cells. <i>Environmental and Molecular Mutagenesis</i> , 2022, 63, 246-254.	0.9	7
30	Morphological Attributes of Granulosa Cells Perpetuating Functional Integrity of an Ovarian Follicle. <i>Journal of Advanced Microscopy Research</i> , 2017, 12, 92-96.	0.3	6
31	Design, synthesis and biological evaluation of Arylpiperazine-based novel Phthalimides: Active inducers of testicular germ cell apoptosis. <i>Journal of Chemical Sciences</i> , 2016, 128, 1245-1263.	0.7	5
32	Ultrastructural Characterization of Germ Cell Apoptosis in Goat (<i>Capra hircus</i>) Testes. <i>Journal of Advanced Microscopy Research</i> , 2011, 6, 223-226.	0.3	5
33	Scanning and transmission electron microscopic analysis of ampullary segment of oviduct during estrous cycle in caprines. <i>Scanning</i> , 2015, 37, 36-41.	0.7	4
34	Ultrastructural analysis of cadmium-induced toxicity and its alleviation by antioxidant quercetin in caprine testicular germ cells <i>in vitro</i> . <i>Ultrastructural Pathology</i> , 2022, 46, 259-267.	0.4	3
35	Transmission electron microscopic analysis of glyphosate induced cytotoxicity and its attenuation by <i>N</i> -acetyl-L-cysteine in caprine testicular germ cells <i>in vitro</i> . <i>Ultrastructural Pathology</i> , 2021, 45, 407-413.	0.4	2