

Niharika Sinha

List of Publications by Year in descending order

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33
papers

1,849
citations

361413

20
h-index

395702

33
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34
all docs

34
docs citations

34
times ranked

3486
citing authors

#	ARTICLE	IF	CITATIONS
1	Jumonji Domain-containing Protein-3 (JMJD3/Kdm6b) Is Critical for Normal Ovarian Function and Female Fertility. <i>Endocrinology</i> , 2022, 163, .	2.8	4
2	Androgens regulate ovarian gene expression by balancing Ezh2-Jmjd3 mediated H3K27me3 dynamics. <i>PLoS Genetics</i> , 2021, 17, e1009483.	3.5	13
3	Androgen-induced epigenetic modulations in the ovary. <i>Journal of Endocrinology</i> , 2021, 249, R53-R64.	2.6	11
4	Looking at the Future Through the Mother's Womb: Gestational Diabetes and Offspring Fertility. <i>Endocrinology</i> , 2021, 162, .	2.8	5
5	Developmental programming: prenatal testosterone-induced epigenetic modulation and its effect on gene expression in sheep ovary. <i>Biology of Reproduction</i> , 2020, 102, 1045-1054.	2.7	19
6	p73 induction by Abrus agglutinin facilitates Snail ubiquitination to inhibit epithelial to mesenchymal transition in oral cancer. <i>Phytomedicine</i> , 2019, 55, 179-190.	5.3	12
7	Gestational Diabetes Epigenetically Reprograms the Cart Promoter in Fetal Ovary, Causing Subfertility in Adult Life. <i>Endocrinology</i> , 2019, 160, 1684-1700.	2.8	14
8	Plant lectins in cancer therapeutics: Targeting apoptosis and autophagy-dependent cell death. <i>Pharmacological Research</i> , 2019, 144, 8-18.	7.1	83
9	Autophagy regulates cisplatin-induced stemness and chemoresistance via the upregulation of <i>CD44</i> , <i>ABCB1</i> and <i>ADAM17</i> in oral squamous cell carcinoma. <i>Cell Proliferation</i> , 2018, 51, .	5.3	80
10	Monitoring and Measuring Mammalian Autophagy. <i>Methods in Molecular Biology</i> , 2018, 1854, 209-222.	0.9	19
11	<i>Abrus</i> Agglutinin, a type II ribosome inactivating protein inhibits Akt/PH domain to induce endoplasmic reticulum stress mediated autophagy-dependent cell death. <i>Molecular Carcinogenesis</i> , 2017, 56, 389-401.	2.7	28
12	<i>Abrus</i> agglutinin targets cancer stem-like cells by eliminating self-renewal capacity accompanied with apoptosis in oral squamous cell carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831770163.	1.8	14
13	<i>Abrus</i> agglutinin promotes irreparable DNA damage by triggering ROS generation followed by ATM-p73 mediated apoptosis in oral squamous cell carcinoma. <i>Molecular Carcinogenesis</i> , 2017, 56, 2400-2413.	2.7	28
14	Phytotherapeutic approach: a new hope for polycyclic aromatic hydrocarbons induced cellular disorders, autophagic and apoptotic cell death. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 1-17.	2.7	30
15	Elimination of dysfunctional mitochondria through mitophagy suppresses benzo[a]pyrene-induced apoptosis. <i>Free Radical Biology and Medicine</i> , 2017, 112, 452-463.	2.9	57
16	DNA damage by 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced p53-mediated apoptosis through activation of cytochrome P450/aryl hydrocarbon receptor. <i>Environmental Toxicology and Pharmacology</i> , 2017, 55, 175-185.	4.0	15
17	<i>Abrus</i> agglutinin is a potent anti-proliferative and anti-angiogenic agent in human breast cancer. <i>International Journal of Cancer</i> , 2016, 139, 457-466.	5.1	24
18	Serum starvation induces anti-apoptotic cIAP1 to promote mitophagy through ubiquitination. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 940-946.	2.1	25

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19	Mutagenic and genotoxic potential of native air borne particulate matter from industrial area of Rourkela city, Odisha, India. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 131-139.	4.0	10
20	<i>Bacopa monnieri</i> -Induced Protective Autophagy Inhibits Benzo[a]pyrene-Mediated Apoptosis. <i>Phytotherapy Research</i> , 2016, 30, 1794-1801.	5.8	29
21	Implications of cancer stem cells in developing therapeutic resistance in oral cancer. <i>Oral Oncology</i> , 2016, 62, 122-135.	1.5	57
22	Clinical relevance of autophagic therapy in cancer: Investigating the current trends, challenges, and future prospects. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 228-252.	6.1	17
23	Mechanism of autophagic regulation in carcinogenesis and cancer therapeutics. <i>Seminars in Cell and Developmental Biology</i> , 2015, 39, 43-55.	5.0	125
24	Autophagy protein Ulk1 promotes mitochondrial apoptosis through reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2015, 89, 311-321.	2.9	35
25	Synthesis of a carbon-dot-based photoluminescent probe for selective and ultrasensitive detection of Hg ²⁺ in water and living cells. <i>Analyst</i> , 2015, 140, 1221-1228.	3.5	151
26	Abrus agglutinin suppresses human hepatocellular carcinoma in vitro and in vivo by inducing caspase-mediated cell death. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 814-824.	6.1	44
27	In vitro and in vivo antitumor effects of Peanut agglutinin through induction of apoptotic and autophagic cell death. <i>Food and Chemical Toxicology</i> , 2014, 64, 369-377.	3.6	45
28	Prediction and validation of apoptosis through cytochrome P450 activation by benzo[a]pyrene. <i>Chemico-Biological Interactions</i> , 2014, 208, 8-17.	4.0	16
29	Autophagy and apoptosis: where do they meet?. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 555-566.	4.9	470
30	Antitumor effect of soybean lectin mediated through reactive oxygen species-dependent pathway. <i>Life Sciences</i> , 2014, 111, 27-35.	4.3	64
31	Luminescent magnetic hollow mesoporous silica nanotheranostics for camptothecin delivery and multimodal imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3799-3808.	5.8	63
32	Relevance of cancer initiating/stem cells in carcinogenesis and therapy resistance in oral cancer. <i>Oral Oncology</i> , 2013, 49, 854-862.	1.5	81
33	Autophagy. <i>Advances in Cancer Research</i> , 2013, 118, 61-95.	5.0	161