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 g-index
34 all docs	34 docs citations	34 times ranked	3486 citing authors

#	Article	IF	Citations
1	Autophagy and apoptosis: where do they meet?. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 555-566.	4.9	470
2	Autophagy. Advances in Cancer Research, 2013, 118, 61-95.	5.0	161
3	Synthesis of a carbon-dot-based photoluminescent probe for selective and ultrasensitive detection of Hg²⁺ in water and living cells. Analyst, The, 2015, 140, 1221-1228.	3.5	151
4	Mechanism of autophagic regulation in carcinogenesis and cancer therapeutics. Seminars in Cell and Developmental Biology, 2015, 39, 43-55.	5.0	125
5	Plant lectins in cancer therapeutics: Targeting apoptosis and autophagy-dependent cell death. Pharmacological Research, 2019, 144, 8-18.	7.1	83
6	Relevance of cancer initiating/stem cells in carcinogenesis and therapy resistance in oral cancer. Oral Oncology, 2013, 49, 854-862.	1.5	81
7	Autophagy regulates cisplatinâ€induced stemness and chemoresistance via the upregulation of <scp>CD</scp>44, <scp>ABCB</scp>1 and <scp>ADAM</scp>17 in oral squamous cell carcinoma. Cell Proliferation, 2018, 51, .	5.3	80
8	Antitumor effect of soybean lectin mediated through reactive oxygen species-dependent pathway. Life Sciences, 2014, 111, 27-35.	4.3	64
9	Luminescent magnetic hollow mesoporous silica nanotheranostics for camptothecin delivery and multimodal imaging. Journal of Materials Chemistry B, 2014, 2, 3799-3808.	5.8	63
10	Implications of cancer stem cells in developing therapeutic resistance in oral cancer. Oral Oncology, 2016, 62, 122-135.	1.5	57
11	Elimination of dysfunctional mitochondria through mitophagy suppresses benzo[a]pyrene-induced apoptosis. Free Radical Biology and Medicine, 2017, 112, 452-463.	2.9	57
12	In vitro and in vivo antitumor effects of Peanut agglutinin through induction of apoptotic and autophagic cell death. Food and Chemical Toxicology, 2014, 64, 369-377.	3.6	45
13	Abrus agglutinin suppresses human hepatocellular carcinoma in vitro and in vivo by inducing caspase-mediated cell death. Acta Pharmacologica Sinica, 2014, 35, 814-824.	6.1	44
14	Autophagy protein Ulk1 promotes mitochondrial apoptosis through reactive oxygen species. Free Radical Biology and Medicine, 2015, 89, 311-321.	2.9	35
15	Phytotherapeutic approach: a new hope for polycyclic aromatic hydrocarbons induced cellular disorders, autophagic and apoptotic cell death. Toxicology Mechanisms and Methods, 2017, 27, 1-17.	2.7	30
16	Bacopa monnieriâ€Induced Protective Autophagy Inhibits Benzo[a]pyreneâ€Mediated Apoptosis. Phytotherapy Research, 2016, 30, 1794-1801.	5.8	29
17	Abrus Agglutinin, a type II ribosome inactivating protein inhibits Akt/PH domain to induce endoplasmic reticulum stress mediated autophagyâ€dependent cell death. Molecular Carcinogenesis, 2017, 56, 389-401.	2.7	28
18	Abrus agglutinin promotes irreparable DNA damage by triggering ROS generation followed by ATMâ€p73 mediated apoptosis in oral squamous cell carcinoma. Molecular Carcinogenesis, 2017, 56, 2400-2413.	2.7	28

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19	Serum starvation induces anti-apoptotic cIAP1 to promote mitophagy through ubiquitination. Biochemical and Biophysical Research Communications, 2016, 479, 940-946.	2.1	25
20	Abrus agglutinin is a potent antiâ€proliferative and antiâ€angiogenic agent in human breast cancer. International Journal of Cancer, 2016, 139, 457-466.	5.1	24
21	Monitoring and Measuring Mammalian Autophagy. Methods in Molecular Biology, 2018, 1854, 209-222.	0.9	19
22	Developmental programming: prenatal testosterone-induced epigenetic modulation and its effect on gene expression in sheep ovaryâ€. Biology of Reproduction, 2020, 102, 1045-1054.	2.7	19
23	Clinical relevance of autophagic therapy in cancer: Investigating the current trends, challenges, and future prospects. Critical Reviews in Clinical Laboratory Sciences, 2016, 53, 228-252.	6.1	17
24	Prediction and validation of apoptosis through cytochrome P450 activation by benzo[a]pyrene. Chemico-Biological Interactions, 2014, 208, 8-17.	4.0	16
25	DNA damage by 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced p53-mediated apoptosis through activation of cytochrome P450/aryl hydrocarbon receptor. Environmental Toxicology and Pharmacology, 2017, 55, 175-185.	4.0	15
26	Abrus agglutinin targets cancer stem-like cells by eliminating self-renewal capacity accompanied with apoptosis in oral squamous cell carcinoma. Tumor Biology, 2017, 39, 101042831770163.	1.8	14
27	Gestational Diabetes Epigenetically Reprograms the Cart Promoter in Fetal Ovary, Causing Subfertility in Adult Life. Endocrinology, 2019, 160, 1684-1700.	2.8	14
28	Androgens regulate ovarian gene expression by balancing Ezh2-Jmjd3 mediated H3K27me3 dynamics. PLoS Genetics, 2021, 17, e1009483.	3.5	13
29	p73 induction by Abrus agglutinin facilitates Snail ubiquitination to inhibit epithelial to mesenchymal transition in oral cancer. Phytomedicine, 2019, 55, 179-190.	5.3	12
30	Androgen-induced epigenetic modulations in the ovary. Journal of Endocrinology, 2021, 249, R53-R64.	2.6	11
31	Mutagenic and genotoxic potential of native air borne particulate matter from industrial area of Rourkela city, Odisha, India. Environmental Toxicology and Pharmacology, 2016, 46, 131-139.	4.0	10
32	Looking at the Future Through the Motherâ€™s Womb: Gestational Diabetes and Offspring Fertility. Endocrinology, 2021, 162, .	2.8	5
33	Jumonji Domainâ€“containing Protein-3 (JMJD3/Kdm6b) Is Critical for Normal Ovarian Function and Female Fertility. Endocrinology, 2022, 163, .	2.8	4