Zahra Zakeri

List of Publications by Year
in descending order

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71	15,922	218677	182427
papers	citations	26	51
		h-index	g-index

82	82	82	29527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
4	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811
5	Apoptosis, autophagy, and more. International Journal of Biochemistry and Cell Biology, 2004, 36, 2405-2419.	2.8	608
6	Programmed cell death and apoptosis: origins of the theory. Nature Reviews Molecular Cell Biology, 2001, 2, 545-550.	37.0	297
7	Flavivirus NS4A-induced Autophagy Protects Cells against Death and Enhances Virus Replication. Journal of Biological Chemistry, 2011, 286, 22147-22159.	3.4	228
8	Caspase-independent cell deaths. Current Opinion in Cell Biology, 2002, 14, 727-733.	5.4	206
9	Caspase-independent cell death?. Oncogene, 2004, 23, 2766-2773.	5.9	183
10	Cell death: programmed, apoptosis, necrosis, or other?. Cell Death and Differentiation, 1995, 2, 87-96.	11.2	142
11	The variability of autophagy and cell death susceptibility. Autophagy, 2013, 9, 1270-1285.	9.1	126
12	Cell death in development: shaping the embryo. Histochemistry and Cell Biology, 2006, 126, 149-158.	1.7	110
13	Dengue-induced autophagy, virus replication and protection from cell death require ER stress (PERK) pathway activation. Cell Death and Disease, 2016, 7, e2127-e2127.	6.3	103
14	Sex of the cell dictates its response: differential gene expression and sensitivity to cell death inducing stress in male and female cells. FASEB Journal, 2009, 23, 1869-1879.	0.5	100
15	Apoptotic Cell Death in the Mouse Limb and Its Suppression in the Hammertoe Mutant. Developmental Biology, 1994, 165, 294-297.	2.0	98
16	Cell death during development. Journal of Immunological Methods, 2002, 265, 3-20.	1.4	86
17	Stereospecific Induction of Apoptosis in U937 Cells by N-Octanoyl-Sphingosine Stereoisomers and N-Octyl-Sphingosine. The Ceramide Amide Group is not Required for Apoptosis. FEBS Journal, 1996, 236, 729-737.	0.2	69
18	Expression of Cdk5, p35, and Cdk5-associated kinase activity in the developing rat lens. Genesis, 1997, 20, 267-275.	2.1	66

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19	Association of cyclin-dependent kinase 5 and its activator p35 with apoptotic cell death. , 1997, 21, 258-267.		55
20	Cell Death: History and Future. Advances in Experimental Medicine and Biology, 2008, 615, 1-11.	1.6	55
21	mTOR/p70S6K signaling distinguishes routine, maintenance-level autophagy from autophagic cell death during influenza A infection. Virology, 2014, 452-453, 175-190.	2.4	52
22	Rearrangement of the tubulin and actin cytoskeleton during programmed cell death in Drosophila salivary glands. Cell Death and Differentiation, 1997, 4, 140-149.	11.2	48
23	Sexâ€dependent regulation of cytochrome P450 family members Cyp1a1, Cyp2e1, and Cyp7b1 by methylation of DNA. FASEB Journal, 2014, 28, 966-977.	0.5	47
24	Atorvastatin restricts the ability of influenza virus to generate lipid droplets and severely suppresses the replication of the virus. FASEB Journal, 2019, 33, 9516-9525.	0.5	44
25	Rescue of the limb deformity in Hammertoe mutant mice by retinoic acid-induced cell death. , 1997, 208, 466-481.		38
26	Regulation of cell survival and death during Flavivirus infections. World Journal of Biological Chemistry, 2014, 5, 93-105.	4.3	38
27	Coenzyme Q₁₀ Can in Some Circumstances Block Apoptosis, and This Effect Is Mediated through Mitochondria. Annals of the New York Academy of Sciences, 1999, 887, 31-47.	3.8	35
28	Reduced sperm telomere length in individuals with varicocele is associated with reduced genomic integrity. Scientific Reports, 2019, 9, 4336.	3.3	33
29	Protein synthesis, DNA degradation, and morphological changes during programmed cell death in labial glands ofManduca sexta. , 1997, 21, 249-257.		31
30	CEPO-Fc (An EPO Derivative) Protects Hippocampus Against Aî²-induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of Aî² Toxicity. Neuroscience, 2018, 388, 405-417.	2.3	27
31	Relationships of apoptotic signaling mediated by ceramide and TNF-Î± in U937 cells. Cell Death and Differentiation, 1999, 6, 115-123.	11.2	24
32	A small RNA in testis and brain: implications for male germ cell development. Journal of Cell Science, 2002, 115, 1243-1250.	2.0	24
33	A generalized caspase inhibitor disrupts early mammalian development. International Journal of Developmental Biology, 2005, 49, 43-51.	0.6	24
34	Developmental expression of the S35-S45/SGP-2/TRPM-2 gene in rat testis and epididymis. Molecular Reproduction and Development, 1992, 33, 373-384.	2.0	22
35	Programmed cell death in the tobacco hornworm,Manduca sexta: Alteration in protein synthesis. Microscopy Research and Technique, 1996, 34, 192-201.	2.2	22
36	p53, Apaf-1, caspase-3, and -9 are dispensable for Cdk5 activation during cell death. Cell Death and Differentiation, 2006, 13, 141-150.	11.2	22

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37	Chapter Fifteen Detection of Autophagy in Cell Death. Methods in Enzymology, 2008, 442, 289-306.	1.0	21
38	What cell death does in development. International Journal of Developmental Biology, 2015, 59, 11-22.	0.6	18
39	Comparison of main molecular markers involved in autophagy and apoptosis pathways between spermatozoa of infertile men with varicocele and fertile individuals. Andrologia, 2019, 51, e13177.	2.1	18
40	Targeting enteroviral 2A protease by a 16-mer synthetic peptide: Inhibition of 2Apro-induced apoptosis in a stable Tet-on HeLa cell line. Virology, 2010, 399, 39-45.	2.4	14
41	Microglial-induced apoptosis is potentially responsible for hyperalgesia variations during CFA-induced inflammation. Inflammopharmacology, 2020, 28, 475-485.	3.9	14
42	The Induction of Apoptosis in A375 Malignant Melanoma Cells bySutherlandia frutescens. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-14.	1.2	12
43	Gender differences in cellular response. Lupus, 1999, 8, 375-379.	1.6	11
44	Higher sensitivity of female cells to ethanol: methylation of DNA lowers Cyp2e1, generating more ROS. Cell Communication and Signaling, 2020, 18, 111.	6.5	11
45	Rat sertoli and spermatogenic cells express a similar gene, and its product is antigenically related to an outer dense fiber-associated protein. Molecular Reproduction and Development, 1992, 33, 363-372.	2.0	10
46	Trypanosoma bruceiinfection induces apoptosis and up-regulates neuroleukin expression in the cerebellum. Annals of Tropical Medicine and Parasitology, 2001, 95, 797-810.	1.6	10
47	Effect of glucosamine on intraocular pressure: a randomized clinical trial. Eye, 2017, 31, 389-394.	2.1	8
48	Ceramide from sphingomyelin hydrolysis induces neuronal differentiation, whereas de novo ceramide synthesis and sphingomyelin hydrolysis initiate apoptosis after NGF withdrawal in PC12 Cells. Cell Communication and Signaling, 2022, 20, 15.	6.5	7
49	Association of P2X7 receptor genetic polymorphisms and expression with rheumatoid arthritis susceptibility in a sample of the Iranian population: a case-control study. Clinical Rheumatology, 2021, 40, 3115-3126.	2.2	5
50	Reduction of truncated Kit Expression in Men with Abnormal Semen Parameters, Globozoospermia and History of Low or Fertilization Failure. Cell Journal, 2019, 21, 314-321.	0.2	5
51	Caspase-Independent and Autophagic Programmed Cell Death. , 2005, , 275-309.		3
52	Cell Death in Plant Development and Defense. , 2005, , 99-121.		2
53	About canonical, non-canonical and immunogenic cell death: Basic mechanisms and translational applications: A meeting report of the International Cell Death Society. Biochemical Pharmacology, 2019, 162, 1-2.	4.4	2
54	Cell Death in Neuronal Development and Maintenance. , 2005, , 175-200.		1

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55	The Recognition and Engulfment of Apoptotic Cells by Phagocytes. , 2005, , 311-337.		1
56	Cell Death inDictyostelium: Assessing A Genetic Approach. , 2005, , 59-77.		1
57	Programmed Cell Death inDrosophila Melanogaster. , 2005, , 79-97.		1
58	Cell Turnover: Intestine and Other Tissues. , 2005, , 201-240.		1
59	The Role of Apoptosis in Myocardial Infarction and Heart Failure. , 2005, , 483-519.		1
60	Cell Death: Shaping an Embryo. , 2005, , 25-58.		1
61	Cell Death, Aging Phenotypes, and Models of Premature Aging. , 2005, , 241-253.		1
62	Cell Death in Viral Infections. , 2005, , 435-460.		1
63	Assessment of Atg7 and LC3II/LC3, as The Markers of Autophagy, in Sperm of Infertile Men with Globozoospermia: A Case-Control Study. Cell Journal, 2021, 23, 70-74.	0.2	1
64	DATELINE: New York - The Cell Death Society's â€˜Mechanisms of Cell Death'. Cell Death and Differentiation, 1997, 4, 341-342.	11.2	0
65	Apoptosis in the Immune System. , 2005, , 143-174.		0
66	Regulation of Apoptosis by Extracellular Matrix during Postembryonic Development inXenopus Laevis. , 2005, , 123-141.		0
67	The Use of Proteomics to Identify and Characterize Cell Death Proteins. , 2005, , 403-434.		0
68	Cell Death in Cancer and Cancer Therapy. , 2005, , 461-481.		0
69	Survival Factors. , 2005, , 255-273.		0
70	Cell Cycle Genes: pRb and p53. , 2005, , 339-379.		0
71	Mitochondria and Oxidation in the Regulation of Cell Death. , 2005, , 381-401.		0