

# Zahra Zakeri

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

15,922  
citations

218677

26  
h-index

182427

51  
g-index

82  
all docs

82  
docs citations

82  
times ranked

29527  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Ceramide from sphingomyelin hydrolysis induces neuronal differentiation, whereas de novo ceramide synthesis and sphingomyelin hydrolysis initiate apoptosis after NGF withdrawal in PC12 Cells. <i>Cell Communication and Signaling</i> , 2022, 20, 15. | 6.5  | 7         |
| 2  | Association of P2X7 receptor genetic polymorphisms and expression with rheumatoid arthritis susceptibility in a sample of the Iranian population: a case-control study. <i>Clinical Rheumatology</i> , 2021, 40, 3115-3126.                             | 2.2  | 5         |
| 3  | Assessment of Atg7 and LC3II/LC3, as The Markers of Autophagy, in Sperm of Infertile Men with Globozoospermia: A Case-Control Study. <i>Cell Journal</i> , 2021, 23, 70-74.   | 0.2  | 1         |
| 4  | Microglial-induced apoptosis is potentially responsible for hyperalgesia variations during CFA-induced inflammation. <i>Inflammopharmacology</i> , 2020, 28, 475-485.   | 3.9  | 14        |
| 5  | Higher sensitivity of female cells to ethanol: methylation of DNA lowers Cyp2e1, generating more ROS. <i>Cell Communication and Signaling</i> , 2020, 18, 111.  | 6.5  | 11        |
| 6  | Atorvastatin restricts the ability of influenza virus to generate lipid droplets and severely suppresses the replication of the virus. <i>FASEB Journal</i> , 2019, 33, 9516-9525.  | 0.5  | 44        |
| 7  | Reduced sperm telomere length in individuals with varicocele is associated with reduced genomic integrity. <i>Scientific Reports</i> , 2019, 9, 4336.   | 3.3  | 33        |
| 8  | About canonical, non-canonical and immunogenic cell death: Basic mechanisms and translational applications: A meeting report of the International Cell Death Society. <i>Biochemical Pharmacology</i> , 2019, 162, 1-2.                                 | 4.4  | 2         |
| 9  | Comparison of main molecular markers involved in autophagy and apoptosis pathways between spermatozoa of infertile men with varicocele and fertile individuals. <i>Andrologia</i> , 2019, 51, e13177.   | 2.1  | 18        |
| 10 | Reduction of truncated Kit Expression in Men with Abnormal Semen Parameters, Globozoospermia and History of Low or Fertilization Failure. <i>Cell Journal</i> , 2019, 21, 314-321.  | 0.2  | 5         |
| 11 | Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.  | 11.2 | 4,036     |
| 12 | CEPO-Fc (An EPO Derivative) Protects Hippocampus Against A $\beta$ <sup>2</sup> -induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of A $\beta$ <sup>2</sup> Toxicity. <i>Neuroscience</i> , 2018, 388, 405-417.            | 2.3  | 27        |
| 13 | Effect of glucosamine on intraocular pressure: a randomized clinical trial. <i>Eye</i> , 2017, 31, 389-394.   | 2.1  | 8         |
| 14 | The Induction of Apoptosis in A375 Malignant Melanoma Cells by <i>Sutherlandia frutescens</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-14.  | 1.2  | 12        |
| 15 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.   | 9.1  | 4,701     |
| 16 | Dengue-induced autophagy, virus replication and protection from cell death require ER stress (PERK) pathway activation. <i>Cell Death and Disease</i> , 2016, 7, e2127-e2127.   | 6.3  | 103       |
| 17 | What cell death does in development. <i>International Journal of Developmental Biology</i> , 2015, 59, 11-22.   | 0.6  | 18        |
| 18 | Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.  | 11.2 | 811       |

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|----|---|------|-----------|
| 19 | Sex-dependent regulation of cytochrome P450 family members Cyp1a1, Cyp2e1, and Cyp7b1 by methylation of DNA. <i>FASEB Journal</i> , 2014, 28, 966-977.                                  | 0.5  | 47        |
| 20 | mTOR/p70S6K signaling distinguishes routine, maintenance-level autophagy from autophagic cell death during influenza A infection. <i>Virology</i> , 2014, 452-453, 175-190.             | 2.4  | 52        |
| 21 | Regulation of cell survival and death during Flavivirus infections. <i>World Journal of Biological Chemistry</i> , 2014, 5, 93-105.   | 4.3  | 38        |
| 22 | The variability of autophagy and cell death susceptibility. <i>Autophagy</i> , 2013, 9, 1270-1285.  | 9.1  | 126       |
| 23 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.  | 9.1  | 3,122     |
| 24 | Flavivirus NS4A-induced Autophagy Protects Cells against Death and Enhances Virus Replication. <i>Journal of Biological Chemistry</i> , 2011, 286, 22147-22159.                         | 3.4  | 228       |
| 25 | Targeting enteroviral 2A protease by a 16-mer synthetic peptide: Inhibition of 2Apro-induced apoptosis in a stable Tet-on HeLa cell line. <i>Virology</i> , 2010, 399, 39-45.           | 2.4  | 14        |
| 26 | Sex of the cell dictates its response: differential gene expression and sensitivity to cell death inducing stress in male and female cells. <i>FASEB Journal</i> , 2009, 23, 1869-1879. | 0.5  | 100       |
| 27 | Cell Death: History and Future. <i>Advances in Experimental Medicine and Biology</i> , 2008, 615, 1-11.   | 1.6  | 55        |
| 28 | Chapter Fifteen Detection of Autophagy in Cell Death. <i>Methods in Enzymology</i> , 2008, 442, 289-306.  | 1.0  | 21        |
| 29 | p53, Apaf-1, caspase-3, and -9 are dispensable for Cdk5 activation during cell death. <i>Cell Death and Differentiation</i> , 2006, 13, 141-150.  | 11.2 | 22        |
| 30 | Cell death in development: shaping the embryo. <i>Histochemistry and Cell Biology</i> , 2006, 126, 149-158.   | 1.7  | 110       |
| 31 | Cell Death in Neuronal Development and Maintenance. , 2005, , 175-200.  |      | 1         |
| 32 | The Recognition and Engulfment of Apoptotic Cells by Phagocytes. , 2005, , 311-337.   |      | 1         |
| 33 | Cell Death in Dictyostelium: Assessing A Genetic Approach. , 2005, , 59-77.   |      | 1         |
| 34 | Cell Death in Plant Development and Defense. , 2005, , 99-121.  |      | 2         |
| 35 | Programmed Cell Death in Drosophila Melanogaster. , 2005, , 79-97.  |      | 1         |
| 36 | Cell Turnover: Intestine and Other Tissues. , 2005, , 201-240.  |      | 1         |

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|----|--|-----|-----------|
| 37 | Apoptosis in the Immune System. , 2005, , 143-174.   |     | 0         |
| 38 | Regulation of Apoptosis by Extracellular Matrix during Postembryonic Development inXenopus Laevis. , 2005, , 123-141.                  |     | 0         |
| 39 | The Role of Apoptosis in Myocardial Infarction and Heart Failure. , 2005, , 483-519.   |     | 1         |
| 40 | The Use of Proteomics to Identify and Characterize Cell Death Proteins. , 2005, , 403-434.   |     | 0         |
| 41 | Cell Death in Cancer and Cancer Therapy. , 2005, , 461-481.  |     | 0         |
| 42 | Cell Death: Shaping an Embryo. , 2005, , 25-58.  |     | 1         |
| 43 | Caspase-Independent and Autophagic Programmed Cell Death. , 2005, , 275-309.   |     | 3         |
| 44 | Survival Factors. , 2005, , 255-273.   |     | 0         |
| 45 | Cell Death, Aging Phenotypes, and Models of Premature Aging. , 2005, , 241-253.  |     | 1         |
| 46 | Cell Cycle Genes: pRb and p53. , 2005, , 339-379.  |     | 0         |
| 47 | Mitochondria and Oxidation in the Regulation of Cell Death. , 2005, , 381-401.   |     | 0         |
| 48 | Cell Death in Viral Infections. , 2005, , 435-460.   |     | 1         |
| 49 | A generalized caspase inhibitor disrupts early mammalian development. International Journal of Developmental Biology, 2005, 49, 43-51. | 0.6 | 24        |
| 50 | Caspase-independent cell death?. Oncogene, 2004, 23, 2766-2773.  | 5.9 | 183       |
| 51 | Apoptosis, autophagy, and more. International Journal of Biochemistry and Cell Biology, 2004, 36, 2405-2419.                           | 2.8 | 608       |
| 52 | Cell death during development. Journal of Immunological Methods, 2002, 265, 3-20.  | 1.4 | 86        |
| 53 | Caspase-independent cell deaths. Current Opinion in Cell Biology, 2002, 14, 727-733.   | 5.4 | 206       |
| 54 | A small RNA in testis and brain: implications for male germ cell development. Journal of Cell Science, 2002, 115, 1243-1250.           | 2.0 | 24        |

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|----|--|------|-----------|
| 55 | Trypanosoma brucei infection induces apoptosis and up-regulates neuroleukin expression in the cerebellum. <i>Annals of Tropical Medicine and Parasitology</i> , 2001, 95, 797-810.                                     | 1.6  | 10        |
| 56 | Programmed cell death and apoptosis: origins of the theory. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 545-550.   | 37.0 | 297       |
| 57 | Gender differences in cellular response. <i>Lupus</i> , 1999, 8, 375-379.  | 1.6  | 11        |
| 58 | Coenzyme Q <sub>10</sub> Can in Some Circumstances Block Apoptosis, and This Effect Is Mediated through Mitochondria. <i>Annals of the New York Academy of Sciences</i> , 1999, 887, 31-47.                            | 3.8  | 35        |
| 59 | Relationships of apoptotic signaling mediated by ceramide and TNF- $\alpha$ in U937 cells. <i>Cell Death and Differentiation</i> , 1999, 6, 115-123.   | 11.2 | 24        |
| 60 | Rearrangement of the tubulin and actin cytoskeleton during programmed cell death in <i>Drosophila</i> salivary glands. <i>Cell Death and Differentiation</i> , 1997, 4, 140-149.                                       | 11.2 | 48        |
| 61 | DATELINE: New York - The Cell Death Society's "Mechanisms of Cell Death". <i>Cell Death and Differentiation</i> , 1997, 4, 341-342.  | 11.2 | 0         |
| 62 | Expression of Cdk5, p35, and Cdk5-associated kinase activity in the developing rat lens. <i>Genesis</i> , 1997, 20, 267-275.   | 2.1  | 66        |
| 63 | Protein synthesis, DNA degradation, and morphological changes during programmed cell death in labial glands of <i>Manduca sexta</i> . , 1997, 21, 249-257.   |      | 31        |
| 64 | Association of cyclin-dependent kinase 5 and its activator p35 with apoptotic cell death. , 1997, 21, 258-267.   |      | 55        |
| 65 | Rescue of the limb deformity in Hammertoe mutant mice by retinoic acid-induced cell death. , 1997, 208, 466-481.   |      | 38        |
| 66 | 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. <i>FEBS Journal</i> , 1996, 236, 729-737. | 0.2  | 69        |
| 67 | Programmed cell death in the tobacco hornworm, <i>Manduca sexta</i> : Alteration in protein synthesis. <i>Microscopy Research and Technique</i> , 1996, 34, 192-201.   | 2.2  | 22        |
| 68 | Cell death: programmed, apoptosis, necrosis, or other?. <i>Cell Death and Differentiation</i> , 1995, 2, 87-96.  | 11.2 | 142       |
| 69 | Apoptotic Cell Death in the Mouse Limb and Its Suppression in the Hammertoe Mutant. <i>Developmental Biology</i> , 1994, 165, 294-297.   | 2.0  | 98        |
| 70 | Rat sertoli and spermatogenic cells express a similar gene, and its product is antigenically related to an outer dense fiber-associated protein. <i>Molecular Reproduction and Development</i> , 1992, 33, 363-372.    | 2.0  | 10        |
| 71 | Developmental expression of the S35-S45/SGP-2/TRPM-2 gene in rat testis and epididymis. <i>Molecular Reproduction and Development</i> , 1992, 33, 373-384.   | 2.0  | 22        |