

# Walter Malorni

## List of Publications by Year in descending order

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160  
papers

22,554  
citations

26610

56  
h-index

8618

146  
g-index

161  
all docs

161  
docs citations

161  
times ranked

37667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
4	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
5	Protective Effect of N-Acetylcysteine in Tumor Necrosis Factor- $\alpha$ -Induced Apoptosis in U937 Cells: The Role of Mitochondria. <i>Experimental Cell Research</i> , 1995, 220, 232-240.	1.2	273
6	Unravelling the Complexity of T Cell Abnormalities in Common Variable Immunodeficiency. <i>Journal of Immunology</i> , 2007, 178, 3932-3943.	0.4	249
7	Cannibalism of Live Lymphocytes by Human Metastatic but Not Primary Melanoma Cells. <i>Cancer Research</i> , 2006, 66, 3629-3638.	0.4	242
8	Mitochondrial fission and cristae disruption increase the response of cell models of Huntington's disease to apoptotic stimuli. <i>EMBO Molecular Medicine</i> , 2010, 2, 490-503.	3.3	240
9	Expression of CCR-7, MIP-3 $\beta$ , and Th-1 chemokines in type I IFN-induced monocyte-derived dendritic cells: importance for the rapid acquisition of potent migratory and functional activities. <i>Blood</i> , 2001, 98, 3022-3029.	0.6	231
10	CD95 (APO-1/Fas) linkage to the actin cytoskeleton through ezrin in human T lymphocytes: a novel regulatory mechanism of the CD95 apoptotic pathway. <i>EMBO Journal</i> , 2000, 19, 5123-5134.	3.5	203
11	Galectin-3 overexpression protects from apoptosis by improving cell adhesion properties. <i>International Journal of Cancer</i> , 2000, 85, 545-554.	2.3	194
12	Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. <i>Cell Death and Disease</i> , 2018, 9, 841.	2.7	182
13	Galectin-1 Sensitizes Resting Human T Lymphocytes to Fas (CD95)-mediated Cell Death via Mitochondrial Hyperpolarization, Budding, and Fission. <i>Journal of Biological Chemistry</i> , 2005, 280, 6969-6985.	1.6	157
14	Estrogen receptor profiles in human peripheral blood lymphocytes. <i>Immunology Letters</i> , 2010, 132, 79-85.	1.1	157
15	N-Acetylcysteine inhibits apoptosis and decreases viral particles in HIV-chronically infected U937 cells. <i>FEBS Letters</i> , 1993, 327, 75-78.	1.3	151
16	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat diet-fed mice. <i>FASEB Journal</i> , 2014, 28, 3745-3757.	0.2	139
17	T lymphocytes from patients with systemic lupus erythematosus are resistant to induction of autophagy. <i>FASEB Journal</i> , 2012, 26, 4722-4732.	0.2	138
18	Role of autophagy in immunity and autoimmunity, with a special focus on systemic lupus erythematosus. <i>FASEB Journal</i> , 2012, 26, 1400-1412.	0.2	137

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19	Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. <i>Autophagy</i> , 2016, 12, 917-935.	4.3	132
20	Galectin-3 overexpression protects from cell damage and death by influencing mitochondrial homeostasis. <i>FEBS Letters</i> , 2000, 473, 311-315.	1.3	131
21	HRES-1/Rab4-mediated depletion of Drp1 impairs mitochondrial homeostasis and represents a target for treatment in SLE. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1888-1897.	0.5	131
22	Nutrition and human health from a sexâ€“gender perspective. <i>Molecular Aspects of Medicine</i> , 2011, 32, 1-70.	2.7	118
23	Transglutaminase overexpression sensitizes neuronal cell lines to apoptosis by increasing mitochondrial membrane potential and cellular oxidative stress. <i>Journal of Neurochemistry</i> , 2002, 81, 1061-1072.	2.1	117
24	Sex in basic research: concepts in the cardiovascular field. <i>Cardiovascular Research</i> , 2017, 113, 711-724.	1.8	113
25	Flow cytometric analysis of the early phases of apoptosis by cellular and nuclear techniques. , 1996, 24, 106-115.		111
26	Clostridium difficile Toxin B Causes Apoptosis in Epithelial Cells by Thrilling Mitochondria. <i>Journal of Biological Chemistry</i> , 2007, 282, 9029-9041.	1.6	105
27	Mitochondria hyperpolarization is an early event in oxidized low-density lipoprotein-induced apoptosis in Caco-2 intestinal cells. <i>FEBS Letters</i> , 2002, 523, 200-206.	1.3	99
28	Peroxynitrite induces senescence and apoptosis of red blood cells through the activation of aspartyl and cysteinyl proteases. <i>FASEB Journal</i> , 2005, 19, 1-27.	0.2	94
29	Cell death-based treatments of melanoma:conventional treatments and new therapeutic strategies. <i>Cell Death and Disease</i> , 2018, 9, 112.	2.7	94
30	Cardiolipinâ€“enriched raftâ€“like microdomains are essential activating platforms for apoptotic signals on mitochondria. <i>FEBS Letters</i> , 2009, 583, 2447-2450.	1.3	93
31	Cathepsin B inhibition interferes with metastatic potential of human melanoma: an in vitro and in vivo study. <i>Molecular Cancer</i> , 2010, 9, 207.	7.9	91
32	Potent Phagocytic Activity Discriminates Metastatic and Primary Human Malignant Melanomas: A Key Role of Ezrin. <i>Laboratory Investigation</i> , 2003, 83, 1555-1567.	1.7	89
33	Redox Features of the Cell: A Gender Perspective. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1779-1802.	2.5	86
34	Cellular and molecular mechanisms involved in hepatocellular carcinoma gender disparity. <i>International Journal of Cancer</i> , 2010, 127, 499-504.	2.3	86
35	Toxin-Induced Activation of Rho GTP-Binding Protein Increases Bcl-2 Expression and Influences Mitochondrial Homeostasis. <i>Experimental Cell Research</i> , 1998, 242, 341-350.	1.2	85
36	Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. <i>Autophagy</i> , 2014, 10, 750-765.	4.3	82

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37	Activation of Rho GTPases by Cytotoxic Necrotizing Factor 1 Induces Macropinocytosis and Scavenging Activity in Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2001, 12, 2061-2073.	0.9	78
38	On the role of autophagy in human diseases: a gender perspective. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1443-1457.	1.6	77
39	Redox state, cell death and autoimmune diseases: A gender perspective. <i>Autoimmunity Reviews</i> , 2008, 7, 579-584.	2.5	76
40	Are the available experimental models of type 2 diabetes appropriate for a gender perspective?. <i>Pharmacological Research</i> , 2008, 57, 6-18.	3.1	76
41	Kawasaki disease: guidelines of the Italian Society of Pediatrics, part I - definition, epidemiology, etiopathogenesis, clinical expression and management of the acute phase. <i>Italian Journal of Pediatrics</i> , 2018, 44, 102.	1.0	76
42	Decreased susceptibility to oxidative stress-induced apoptosis of peripheral blood mononuclear cells from healthy elderly and centenarians. <i>Mechanisms of Ageing and Development</i> , 2001, 121, 239-250.	2.2	74
43	Mitochondrial Membrane Hyperpolarization Hijacks Activated T Lymphocytes Toward the Apoptotic-Prone Phenotype: Homeostatic Mechanisms of HIV Protease Inhibitors. <i>Journal of Immunology</i> , 2003, 170, 6006-6015.	0.4	74
44	Sexual Dimorphism of Immune Responses: A New Perspective in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 552.	2.2	74
45	Autoantibodies to the C-terminal subunit of RLIP76 induce oxidative stress and endothelial cell apoptosis in immune-mediated vascular diseases and atherosclerosis. <i>Blood</i> , 2008, 111, 4559-4570.	0.6	71
46	Sex disparity in cancer: roles of microRNAs and related functional players. <i>Cell Death and Differentiation</i> , 2018, 25, 477-485.	5.0	71
47	Redox state and gender differences in vascular smooth muscle cells. <i>FEBS Letters</i> , 2008, 582, 635-642.	1.3	70
48	Mitochondria hyperfusion and elevated autophagic activity are key mechanisms for cellular bioenergetic preservation in centenarians. <i>Aging</i> , 2014, 6, 296-310.	1.4	70
49	HIV-1 Nef triggers Vav-mediated signaling pathway leading to functional and morphological differentiation of dendritic cells. <i>FASEB Journal</i> , 2003, 17, 2025-2036.	0.2	69
50	Autoantibodies to estrogen receptor $\alpha$ interfere with T lymphocyte homeostasis and are associated with disease activity in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2012, 64, 778-787.	6.7	68
51	Organ transplantation and gender differences: a paradigmatic example of intertwining between biological and sociocultural determinants. <i>Biology of Sex Differences</i> , 2016, 7, 35.	1.8	68
52	Leukocyte uropod formation and membrane/cytoskeleton linkage in immune interactions. <i>Journal of Leukocyte Biology</i> , 2003, 73, 556-563.	1.5	66
53	Dynamics of lipid raft components during lymphocyte apoptosis: The paradigmatic role of GD3. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 941-949.	2.2	66
54	Fibroblast autophagy in fibrotic disorders. <i>Journal of Pathology</i> , 2013, 229, 208-220.	2.1	66

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55	Association of the Death-inducing Signaling Complex with Microdomains after Triggering through CD95/Fas. <i>Journal of Biological Chemistry</i> , 2003, 278, 8309-8315.	1.6	64
56	Rho-dependent cell spreading activated by E.coli cytotoxic necrotizing factor 1 hinders apoptosis in epithelial cells. <i>Cell Death and Differentiation</i> , 1998, 5, 921-929.	5.0	61
57	Differential effects of the glycolysis inhibitor 2-deoxy-D-glucose on the activity of proapoptotic agents in metastatic melanoma cells, and induction of a cytoprotective autophagic response. <i>International Journal of Cancer</i> , 2012, 131, E337-47.	2.3	61
58	Leptin as an immunological adjuvant: enhanced migratory and CD8 <sup>+</sup> T cell stimulatory capacity of human dendritic cells exposed to leptin. <i>FASEB Journal</i> , 2008, 22, 2012-2022.	0.2	56
59	Gender Disparity in Susceptibility to Oxidative Stress and Apoptosis Induced by Autoantibodies Specific to RLP76 in Vascular Cells. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2825-2836.	2.5	56
60	Oxidative imbalance and cathepsin D changes as peripheral blood biomarkers of Alzheimer disease: A pilot study. <i>FEBS Letters</i> , 2005, 579, 2759-2766.	1.3	54
61	Identification and Relevance of the CD95-binding Domain in the N-terminal Region of Ezrin. <i>Journal of Biological Chemistry</i> , 2004, 279, 9199-9207.	1.6	53
62	Long COVID: to investigate immunological mechanisms and sex/gender related aspects as fundamental steps for tailored therapy. <i>European Respiratory Journal</i> , 2022, 59, 2102245.	3.1	52
63	Oxidative stress in the pathogenesis of systemic sclerosis: An overview. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3308-3314.	1.6	51
64	Cell sex determines anoikis resistance in vascular smooth muscle cells. <i>FEBS Letters</i> , 2009, 583, 3448-3454.	1.3	50
65	GD3 glycosphingolipid contributes to Fas-mediated apoptosis via association with ezrin cytoskeletal protein. <i>FEBS Letters</i> , 2001, 506, 45-50.	1.3	49
66	Estrogen receptor $\beta$ ligation inhibits Hodgkin lymphoma growth by inducing autophagy. <i>Oncotarget</i> , 2017, 8, 8522-8535.	0.8	47
67	Chapter One Analyzing Morphological and Ultrastructural Features in Cell Death. <i>Methods in Enzymology</i> , 2008, 442, 1-26.	0.4	46
68	Long COVID: an estrogen-associated autoimmune disease?. <i>Cell Death Discovery</i> , 2021, 7, 77.	2.0	44
69	Junctional sites of erythrocyte skeletal proteins are specific targets of tert-butylhydroperoxide oxidative damage. <i>Chemico-Biological Interactions</i> , 1995, 94, 243-258.	1.7	43
70	Sex Differences in Drug Effects: Interaction with Sex Hormones in Adult Life. <i>Handbook of Experimental Pharmacology</i> , 2013, , 91-105.	0.9	43
71	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021, 17, 2528-2548.	4.3	42
72	Sex Differences at Cellular Level: "Cells Have a Sex". <i>Handbook of Experimental Pharmacology</i> , 2013, , 49-65.	0.9	42

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73	Cell sex: a new look at cell fate studies. <i>FASEB Journal</i> , 2009, 23, 978-984.	0.2	41
74	CD4 T lymphocyte autophagy is upregulated in the salivary glands of primary Sjögren's syndrome patients and correlates with focus score and disease activity. <i>Arthritis Research and Therapy</i> , 2017, 19, 178.	1.6	41
75	Do mitochondria act as "cargo boats" in the journey of GD3 to the nucleus during apoptosis?. <i>FEBS Letters</i> , 2007, 581, 3899-3903.	1.3	40
76	Raft component GD3 associates with tubulin following CD95/Fas ligation. <i>FASEB Journal</i> , 2009, 23, 3298-3308.	0.2	38
77	Oxidative stress and defective platelet apoptosis in naïve patients with Kawasaki disease. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 426-430.	1.0	38
78	Structural Changes of the Erythrocyte as a Marker of Non-Insulin-Dependent Diabetes: Protective Effects of N-Acetylcysteine. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 1393-1398.	1.0	37
79	Two different pathways are involved in peroxynitrite-induced senescence and apoptosis of human erythrocytes. <i>Free Radical Biology and Medicine</i> , 2007, 42, 202-214.	1.3	37
80	Pyrimethamine Induces Apoptosis of Melanoma Cells via a Caspase and Cathepsin Double-Edged Mechanism. <i>Cancer Research</i> , 2008, 68, 5291-5300.	0.4	37
81	Does Oxidative Stress Play a Critical Role in Cardiovascular Complications of Kawasaki Disease?. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1441-1446.	2.5	36
82	Phase II study of sorafenib in patients with relapsed or refractory lymphoma. <i>British Journal of Haematology</i> , 2012, 158, 108-119.	1.2	36
83	On the role of sphingolipids in cell survival and death. <i>International Review of Cell and Molecular Biology</i> , 2020, 351, 149-195.	1.6	36
84	Imatinib interferes with survival of multi drug resistant Kaposi's sarcoma cells. <i>FEBS Letters</i> , 2007, 581, 5897-5903.	1.3	35
85	Mitochondria regulate platelet metamorphosis induced by opsonized zymosan activation and long-term commitment to cell death. <i>FEBS Journal</i> , 2009, 276, 845-856.	2.2	35
86	Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. <i>Molecular Biology of the Cell</i> , 2011, 22, 4842-4853.	0.9	35
87	Ganglioside GD3 as a Raft Component in Cell Death Regulation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 376-382.	0.9	35
88	Mitoptosis: Different Pathways for Mitochondrial Execution. <i>Autophagy</i> , 2007, 3, 282-284.	4.3	33
89	Gender-related disparities in non-small cell lung cancer. <i>Cancer Letters</i> , 2010, 298, 1-8.	3.2	33
90	The Effect of SEX/Gender on Cardiovascular Pharmacology. <i>Current Pharmaceutical Design</i> , 2011, 17, 1095-1107.	0.9	33

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91	Pepstatin A alters host cell autophagic machinery and leads to a decrease in influenza A virus production. <i>Journal of Cellular Physiology</i> , 2011, 226, 3368-3377.	2.0	33
92	Autophagic flux and autophagosome morphogenesis require the participation of sphingolipids. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 645-657.	2.2	33
93	Non-genomic Effects of Estrogen on Cell Homeostasis and Remodeling With Special Focus on Cardiac Ischemia/Reperfusion Injury. <i>Frontiers in Endocrinology</i> , 2019, 10, 733.	1.5	33
94	Pathogenetic determinants in Kawasaki disease: the haematological point of view. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 632-639.	1.6	32
95	Preclinical models in the study of sex differences. <i>Clinical Science</i> , 2017, 131, 449-469.	1.8	32
96	Genotype-dependent priming to self- and xeno-cannibalism in heterozygous and homozygous lymphoblasts from patients with Huntington's disease. <i>Journal of Neurochemistry</i> , 2006, 98, 1090-1099.	2.1	31
97	Is the Rac GTPase-activating toxin CNF1 a smart hijacker of host cell fate?. <i>FASEB Journal</i> , 2006, 20, 606-609.	0.2	31
98	Cellular and Molecular Mechanisms of Phenotypic Switch in Gastrointestinal Smooth Muscle. <i>Journal of Cellular Physiology</i> , 2016, 231, 295-302.	2.0	31
99	Differential Redox State Contributes to Sex Disparities in the Response to Influenza Virus Infection in Male and Female Mice. <i>Frontiers in Immunology</i> , 2018, 9, 1747.	2.2	30
100	Inflammatory cytokines associated with cancer growth induce mitochondria and cytoskeleton alterations in cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2019, 234, 20453-20468.	2.0	29
101	Modulating the metabolism by trimetazidine enhances myoblast differentiation and promotes myogenesis in cachectic tumor-bearing c26 mice. <i>Oncotarget</i> , 2017, 8, 113938-113956.	0.8	29
102	Single exposure of human fibroblasts (WI-38) to a sub-cytotoxic dose of UVB induces premature senescence. <i>FEBS Letters</i> , 2007, 581, 4342-4348.	1.3	28
103	N-Acetylcysteine Counteracts Erythrocyte Alterations Occurring in Chronic Obstructive Pulmonary Disease. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 552-556.	1.0	27
104	Endosomal compartment contributes to the propagation of CD95/Fas-mediated signals in type A11 cells. <i>Biochemical Journal</i> , 2008, 413, 467-478.	1.7	27
105	Role of GD3-CLIPR-59 Association in Lymphoblastoid T Cell Apoptosis Triggered by CD95/Fas. <i>PLoS ONE</i> , 2010, 5, e8567.	1.1	27
106	Expression of P-170 glycoprotein sensitizes lymphoblastoid CEM cells to mitochondria-mediated apoptosis. <i>Biochemical Journal</i> , 2001, 355, 587-595.	1.7	26
107	Redox Control of Red Blood Cell Biology: The Red Blood Cell as a Target and Source of Prooxidant Species. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1165-1169.	2.5	26
108	Cell Surface Estrogen Receptor Alpha Is Upregulated during Subchronic Metabolic Stress and Inhibits Neuronal Cell Degeneration. <i>PLoS ONE</i> , 2012, 7, e42339.	1.1	26

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109	Maternally-inherited Leigh syndrome-related mutations bolster mitochondrial-mediated apoptosis. <i>Journal of Neurochemistry</i> , 2004, 90, 490-501.	2.1	25
110	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012, 5, 217-219.	0.6	25
111	Cytoskeleton alterations of erythrocytes from patients with Fanconi's anemia. <i>FEBS Letters</i> , 2000, 468, 125-128.	1.3	22
112	Type I Interferon Gene Transfer Sensitizes Melanoma Cells to Apoptosis via a Target Activity on Mitochondrial Function. <i>American Journal of Pathology</i> , 2002, 160, 1507-1520.	1.9	22
113	The Red Blood Cell as a Gender-Associated Biomarker in Metabolic Syndrome: A Pilot Study. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-7.	1.0	22
114	Autophagy as a pathogenic mechanism and drug target in lymphoproliferative disorders. <i>FASEB Journal</i> , 2014, 28, 524-535.	0.2	22
115	The relevance of estrogen/estrogen receptor system on the gender difference in cardiovascular risk. <i>International Journal of Cardiology</i> , 2015, 187, 291-298.	0.8	22
116	Xeno-Cannibalism: A Survival "Escamotage". <i>Autophagy</i> , 2007, 3, 75-77.	4.3	21
117	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. <i>Journal of Autoimmunity</i> , 2015, 58, 78-89.	3.0	21
118	New derivatives of the antimalarial drug Pyrimethamine in the control of melanoma tumor growth: an in vitro and in vivo study. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 137.	3.5	21
119	Redox imbalance of red blood cells impacts T lymphocyte homeostasis: implication in carotid atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2011, 106, 1117-1126..	1.8	20
120	Raft-like microdomains play a key role in mitochondrial impairment in lymphoid cells from patients with Huntington's disease. <i>Journal of Lipid Research</i> , 2012, 53, 2057-2068.	2.0	20
121	The influence of patient sex on clinical approaches to malignant glioma. <i>Cancer Letters</i> , 2020, 468, 41-47.	3.2	20
122	Autoantibodies to Estrogen Receptor $\alpha$ 1 in Systemic Sclerosis (SSc) as Pathogenetic Determinants and Markers of Progression. <i>PLoS ONE</i> , 2013, 8, e74332.	1.1	19
123	X-chromosome-linked miR548am-5p is a key regulator of sex disparity in the susceptibility to mitochondria-mediated apoptosis. <i>Cell Death and Disease</i> , 2019, 10, 673.	2.7	19
124	Pyrimethamine (2,4-Diamino-5-p-chlorophenyl-6-ethylpyrimidine) Induces Apoptosis of Freshly Isolated Human T Lymphocytes, Bypassing CD95/Fas Molecule but Involving Its Intrinsic Pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 1046-1057.	1.3	18
125	Gender Specific Aspects of Cell Death in the Cardiovascular System. <i>Current Pharmaceutical Design</i> , 2011, 17, 1046-1055.	0.9	18
126	Sex and gender differences in migraines: a narrative review. <i>Neurological Sciences</i> , 2022, 43, 5729-5734.	0.9	18



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127	Role of Lymphocyte Multidrug Resistance Protein 1 in HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2005, 40, 257-266.	0.9	16
128	Radical Generation and Alterations of Erythrocyte Integrity as Bioindicators of Diagnostic or Prognostic Value in COPD?. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 829-836.	2.5	16
129	Autoantibodies specific to estrogen receptor alpha act as estrogen agonists and their levels correlate with breast cancer cell proliferation. <i>OncoImmunology</i> , 2016, 5, e1074375.	2.1	16
130	Mitochondria and Sex-Specific Cardiac Function. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 241-256.	0.8	16
131	Cultured cells as a model system for the study of UV-induced cytotoxicity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 63, 52-60.	1.7	15
132	Antioxidants counteract lipopolysaccharide-triggered alterations of human colonic smooth muscle cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2102-2111.	1.3	15
133	The Sex-Related Interplay between TME and Cancer: On the Critical Role of Estrogen, MicroRNAs and Autophagy. <i>Cancers</i> , 2021, 13, 3287.	1.7	15
134	Red Blood Cells as a Model to Differentiate between Direct and Indirect Oxidation Pathways of Peroxynitrite. <i>Methods in Enzymology</i> , 2008, 440, 253-272.	0.4	14
135	Chapter Six Analyzing Lipid Raft Dynamics during Cell Apoptosis. <i>Methods in Enzymology</i> , 2008, 442, 125-140.	0.4	13
136	Recruitment of mitofusin 2 into lipid rafts drives mitochondria fusion induced by Mdivi-1. <i>Oncotarget</i> , 2018, 9, 18869-18884.	0.8	13
137	Functional Estrogen Receptors of Red Blood Cells. Do They Influence Intracellular Signaling?. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 186-199.	1.1	13
138	Hormones and Sex-Specific Medicine in Human Physiopathology. <i>Biomolecules</i> , 2022, 12, 413.	1.8	13
139	Hyperphagia by self- and xeno-cannibalism: Cell death by indigestion? A reminiscence of the Phedrus Fabula "Rana Rupta et Bos". <i>Autophagy</i> , 2008, 4, 128-130.	4.3	12
140	Platelets in Kawasaki patients: Two different populations with different mitochondrial functions. <i>International Journal of Cardiology</i> , 2014, 172, 526-528.	0.8	11
141	Exploiting Cell Death Pathways by an E. coli Cytotoxin: Autophagy as a Double-Edged Sword for the Host. <i>Autophagy</i> , 2006, 2, 310-311.	4.3	10
142	Sex Differences in Redox Biology: A Mandatory New Point of View Approaching Human Inflammatory Diseases. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 44-45.	2.5	10
143	Galectin-3 overexpression protects from apoptosis by improving cell adhesion properties. <i>International Journal of Cancer</i> , 2000, 85, 545.	2.3	10
144	Antioxidant N-acetyl-cysteine increasing cell adhesion capability could facilitate the biocompatibility processes. <i>Biomaterials</i> , 1996, 17, 921-928.	5.7	9

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145	Overexpression of Lymphocytic GD3 Ganglioside and Presence of Anti-GD3 Antibodies in Patients with HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1539-1549.	0.5	9
146	Reducing the risk of overdiagnosis in lung cancer: A support from molecular biology. <i>Journal of Cellular Physiology</i> , 2011, 226, 2213-2214.	2.0	9
147	Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. <i>Oncotarget</i> , 2016, 7, 50972-50985.	0.8	9
148	Subcellular Alterations Induced by UV-Oxidized Low-Density Lipoproteins in Epithelial Cells Can Be Counteracted by $\alpha$ -Tocopherol. <i>Photochemistry and Photobiology</i> , 2000, 71, 97.	1.3	8
149	Statin-Induced Impairment of Monocyte Migration Is Gender-Related. <i>Journal of Cellular Physiology</i> , 2014, 229, 1990-1998.	2.0	7
150	Survival features of EBV-stabilized cells from centenarians: morpho-functional and transcriptomic analyses. <i>Age</i> , 2012, 34, 1341-1359.	3.0	6
151	Flow cytometric analysis of the early phases of apoptosis by cellular and nuclear techniques. <i>Cytometry</i> , 1996, 24, 106-115.	1.8	6
152	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF- $\alpha$ Treatment. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	5
153	Differentiation of monocyte-derived dendritic cells is associated with upregulation and activation of Rac-1 small GTPase. <i>FEBS Letters</i> , 2006, 580, 3335-3339.	1.3	4
154	Interferon- $\gamma$ bolsters CD95/Fas-mediated apoptosis of astrogloma cells. <i>FEBS Journal</i> , 2009, 276, 5920-5935.	2.2	3
155	Possible Implication of Red Blood Cells in the Prothrombotic Risk in Early Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2015, 42, 1352-1354.	1.0	3
156	Potential role of platelets for atherosclerotic events in rheumatoid arthritis. <i>FEBS Open Bio</i> , 2018, 8, 1888-1896.	1.0	3
157	Red blood cells as bioindicators of cardiovascular risk in Kawasaki disease: A case report. <i>International Journal of Cardiology</i> , 2015, 181, 311-313.	0.8	2
158	The role of sphingolipids and lipid rafts in determining cell fate. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 581-583.	2.2	2
159	Corrigendum to: GD3 glycosphingolipid contributes to Fas mediated apoptosis via association with ezrin cytoskeletal protein (FEBS 25182). <i>FEBS Letters</i> , 2001, 508, 494-494.	1.3	1
160	Corrigendum to "Erlotinib interferes with survival of multi drug resistant Kaposi's sarcoma cells" [FEBS Lett. 581 (2007) 5897-5903]. <i>FEBS Letters</i> , 2008, 582, 398-398.	1.3	0