

Walter Malorni

List of Publications by Citations

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157
papers

17,645
citations

52
h-index

132
g-index

161
ext. papers

20,201
ext. citations

5.9
avg. IF

5.47
L-index

#	Paper	IF	Citations
157	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
156	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
155	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
154	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
153	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, 232-40	4.2	259
152	Expression of CCR-7, MIP-3beta, 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, 3022-9	2.2	208
151	Cannibalism of live lymphocytes by human metastatic but not primary melanoma cells. <i>Cancer Research</i> , 2006 , 66, 3629-38	10.1	202
150	Unravelling the complexity of T cell abnormalities in common variable immunodeficiency. <i>Journal of Immunology</i> , 2007 , 178, 3932-43	5.3	202
149	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	12	201
148	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, 5123-34	13	191
147	Galectin-3 overexpression protects from apoptosis by improving cell adhesion properties 2000 , 85, 545-554		150
146	Estrogen receptor profiles in human peripheral blood lymphocytes. <i>Immunology Letters</i> , 2010 , 132, 79-85	4.1	129
145	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, 6969-85	5.4	129
144	N-acetylcysteine inhibits apoptosis and decreases viral particles in HIV-chronically infected U937 cells. <i>FEBS Letters</i> , 1993 , 327, 75-8	3.8	128
143	Role of autophagy in immunity and autoimmunity, with a special focus on systemic lupus erythematosus. <i>FASEB Journal</i> , 2012 , 26, 1400-12	0.9	115
142	Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. <i>Cell Death and Disease</i> , 2018 , 9, 841	9.8	111
141	T lymphocytes from patients with systemic lupus erythematosus are resistant to induction of autophagy. <i>FASEB Journal</i> , 2012 , 26, 4722-32	0.9	110

140	Galectin-3 overexpression protects from cell damage and death by influencing mitochondrial homeostasis. <i>FEBS Letters</i> , 2000 , 473, 311-5	3.8	106
139	Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. <i>Autophagy</i> , 2016 , 12, 917-35	10.2	103
138	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, 3745-57	0.9	100
137	Transglutaminase overexpression sensitizes neuronal cell lines to apoptosis by increasing mitochondrial membrane potential and cellular oxidative stress. <i>Journal of Neurochemistry</i> , 2002 , 81, 1061-72	6	100
136	Flow cytometric analysis of the early phases of apoptosis by cellular and nuclear techniques. <i>Cytometry</i> , 1996 , 24, 106-15		96
135	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, 1888-97	2.4	88
134	Nutrition and human health from a sex-gender perspective. <i>Molecular Aspects of Medicine</i> , 2011 , 32, 1-70	16.7	88
133	Mitochondria hyperpolarization is an early event in oxidized low-density lipoprotein-induced apoptosis in Caco-2 intestinal cells. <i>FEBS Letters</i> , 2002 , 523, 200-6	3.8	88
132	Clostridium difficile toxin B causes apoptosis in epithelial cells by thrilling mitochondria. Involvement of ATP-sensitive mitochondrial potassium channels. <i>Journal of Biological Chemistry</i> , 2007 , 282, 9029-41	5.4	81
131	Toxin-induced activation of Rho GTP-binding protein increases Bcl-2 expression and influences mitochondrial homeostasis. <i>Experimental Cell Research</i> , 1998 , 242, 341-50	4.2	81
130	Cardiolipin-enriched raft-like microdomains are essential activating platforms for apoptotic signals on mitochondria. <i>FEBS Letters</i> , 2009 , 583, 2447-50	3.8	80
129	Peroxynitrite induces senescence and apoptosis of red blood cells through the activation of aspartyl and cysteinyl proteases. <i>FASEB Journal</i> , 2005 , 19, 416-8	0.9	78
128	Sex in basic research: concepts in the cardiovascular field. <i>Cardiovascular Research</i> , 2017 , 113, 711-724	9.9	77
127	Redox features of the cell: a gender perspective. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1779-801	8.4	77
126	Potent phagocytic activity discriminates metastatic and primary human malignant melanomas: a key role of ezrin. <i>Laboratory Investigation</i> , 2003 , 83, 1555-67	5.9	73
125	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, 2061-73	3.5	73
124	Cellular and molecular mechanisms involved in hepatocellular carcinoma gender disparity. <i>International Journal of Cancer</i> , 2010 , 127, 499-504	7.5	71
123	Cathepsin B inhibition interferes with metastatic potential of human melanoma: an in vitro and in vivo study. <i>Molecular Cancer</i> , 2010 , 9, 207	42.1	70

122	Redox state, cell death and autoimmune diseases: a gender perspective. <i>Autoimmunity Reviews</i> , 2008 , 7, 579-84	13.6	69
121	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, 6006-15	5.3	68
120	Cell death-based treatments of melanoma: conventional treatments and new therapeutic strategies. <i>Cell Death and Disease</i> , 2018 , 9, 112	9.8	65
119	Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. <i>Autophagy</i> , 2014 , 10, 750-65	10.2	65
118	Are the available experimental models of type 2 diabetes appropriate for a gender perspective?. <i>Pharmacological Research</i> , 2008 , 57, 6-18	10.2	65
117	HIV-1 Nef triggers Vav-mediated signaling pathway leading to functional and morphological differentiation of dendritic cells. <i>FASEB Journal</i> , 2003 , 17, 2025-36	0.9	65
116	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, 4559-70	2.2	63
115	Decreased susceptibility to oxidative stress-induced apoptosis of peripheral blood mononuclear cells from healthy elderly and centenarians. <i>Mechanisms of Ageing and Development</i> , 2000 , 121, 239-50	5.6	63
114	On the role of autophagy in human diseases: a gender perspective. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1443-57	5.6	60
113	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, 941-9	5.4	60
112	Association of the death-inducing signaling complex with microdomains after triggering through CD95/Fas. Evidence for caspase-8-ganglioside interaction in T cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 8309-15	5.4	59
111	Autoantibodies to estrogen receptor interfere with T lymphocyte homeostasis and are associated with disease activity in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2012 , 64, 778-87		58
110	Mitochondria hyperfusion and elevated autophagic activity are key mechanisms for cellular bioenergetic preservation in centenarians. <i>Aging</i> , 2014 , 6, 296-310	5.6	58
109	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, 921-9	12.7	58
108	Leukocyte uropod formation and membrane/cytoskeleton linkage in immune interactions. <i>Journal of Leukocyte Biology</i> , 2003 , 73, 556-63	6.5	58
107	Fibroblast autophagy in fibrotic disorders. <i>Journal of Pathology</i> , 2013 , 229, 208-20	9.4	53
106	Redox state and gender differences in vascular smooth muscle cells. <i>FEBS Letters</i> , 2008 , 582, 635-42	3.8	52
105	Sexual Dimorphism of Immune Responses: A New Perspective in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2018 , 9, 552	8.4	51

104	Differential effects of the glycolysis inhibitor 2-deoxy-D-glucose on the activity of pro-apoptotic agents in metastatic melanoma cells, and induction of a cytoprotective autophagic response. <i>International Journal of Cancer</i> , 2012 , 131, E337-47	7.5	51
103	Leptin as an immunological adjuvant: enhanced migratory and CD8+ T cell stimulatory capacity of human dendritic cells exposed to leptin. <i>FASEB Journal</i> , 2008 , 22, 2012-22	0.9	49
102	Sex disparity in cancer: roles of microRNAs and related functional players. <i>Cell Death and Differentiation</i> , 2018 , 25, 477-485	12.7	48
101	Oxidative imbalance and cathepsin D changes as peripheral blood biomarkers of Alzheimer disease: a pilot study. <i>FEBS Letters</i> , 2005 , 579, 2759-66	3.8	47
100	Identification and relevance of the CD95-binding domain in the N-terminal region of ezrin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 9199-207	5.4	47
99	Organ transplantation and gender differences: a paradigmatic example of intertwining between biological and sociocultural determinants. <i>Biology of Sex Differences</i> , 2016 , 7, 35	9.3	46
98	Cell sex determines anoikis resistance in vascular smooth muscle cells. <i>FEBS Letters</i> , 2009 , 583, 3448-54	3.8	46
97	GD3 glycosphingolipid contributes to Fas-mediated apoptosis via association with ezrin cytoskeletal protein. <i>FEBS Letters</i> , 2001 , 506, 45-50	3.8	45
96	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	3.2	45
95	Gender disparity in susceptibility to oxidative stress and apoptosis induced by autoantibodies specific to RLIP76 in vascular cells. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 2825-36	8.4	44
94	Junctional sites of erythrocyte skeletal proteins are specific targets of tert-butylhydroperoxide oxidative damage. <i>Chemico-Biological Interactions</i> , 1995 , 94, 243-58	5	43
93	Do mitochondria act as "cargo boats" in the journey of GD3 to the nucleus during apoptosis?. <i>FEBS Letters</i> , 2007 , 581, 3899-903	3.8	37
92	Cell sex: a new look at cell fate studies. <i>FASEB Journal</i> , 2009 , 23, 978-84	0.9	36
91	Raft component GD3 associates with tubulin following CD95/Fas ligation. <i>FASEB Journal</i> , 2009 , 23, 3298-308	3.9	35
90	Two different pathways are involved in peroxynitrite-induced senescence and apoptosis of human erythrocytes. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 202-14	7.8	35
89	Sex differences in drug effects: interaction with sex hormones in adult life. <i>Handbook of Experimental Pharmacology</i> , 2012 , 91-105	3.2	34
88	Sex differences at cellular level: "cells have a sex". <i>Handbook of Experimental Pharmacology</i> , 2012 , 49-65	3.2	34
87	Phase II study of sorafenib in patients with relapsed or refractory lymphoma. <i>British Journal of Haematology</i> , 2012 , 158, 108-19	4.5	33

86	Oxidative stress in the pathogenesis of systemic scleroderma: An overview. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 3308-3314	5.6	32
85	Imatinib interferes with survival of multi drug resistant Kaposi's sarcoma cells. <i>FEBS Letters</i> , 2007 , 581, 5897-903	3.8	32
84	Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. <i>Molecular Biology of the Cell</i> , 2011 , 22, 4842-53	3.5	31
83	Mitochondria regulate platelet metamorphosis induced by opsonized zymosan A-activation and long-term commitment to cell death. <i>FEBS Journal</i> , 2009 , 276, 845-56	5.7	30
82	Analyzing morphological and ultrastructural features in cell death. <i>Methods in Enzymology</i> , 2008 , 442, 1-26	1.7	30
81	Pyrimethamine induces apoptosis of melanoma cells via a caspase and cathepsin double-edged mechanism. <i>Cancer Research</i> , 2008 , 68, 5291-300	10.1	30
80	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, 1393-8	3.4	30
79	Is the Rac GTPase-activating toxin CNF1 a smart hijacker of host cell fate?. <i>FASEB Journal</i> , 2006 , 20, 606-9	9.9	29
78	Mitoptosis: different pathways for mitochondrial execution. <i>Autophagy</i> , 2007 , 3, 282-4	10.2	29
77	Gender-related disparities in non-small cell lung cancer. <i>Cancer Letters</i> , 2010 , 298, 1-8	9.9	28
76	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, 1090-9	6	28
75	Ganglioside GD3 as a raft component in cell death regulation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 376-82	2.2	28
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	5.7	27
73	Oxidative stress and defective platelet apoptosis in naïve patients with Kawasaki disease. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 392, 426-30	3.4	27
72	Estrogen receptor β ligand inhibits Hodgkin lymphoma growth by inducing autophagy. <i>Oncotarget</i> , 2017 , 8, 8522-8535	3.3	26
71	The effect of sex/gender on cardiovascular pharmacology. <i>Current Pharmaceutical Design</i> , 2011 , 17, 1095-107	5.3	26
70	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, 3368-77	7	26
69	Does oxidative stress play a critical role in cardiovascular complications of Kawasaki disease?. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 1441-6	8.4	26

68	Single exposure of human fibroblasts (WI-38) to a sub-cytotoxic dose of UVB induces premature senescence. <i>FEBS Letters</i> , 2007 , 581, 4342-8	3.8	26
67	Expression of P-170 glycoprotein sensitizes lymphoblastoid CEM cells to mitochondria-mediated apoptosis. <i>Biochemical Journal</i> , 2001 , 355, 587-95	3.8	26
66	Autophagic flux and autophagosome morphogenesis require the participation of sphingolipids. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 645-57	5.4	25
65	N-Acetylcysteine counteracts erythrocyte alterations occurring in chronic obstructive pulmonary disease. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 552-6	3.4	25
64	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	8.4	23
63	Endosomal compartment contributes to the propagation of CD95/Fas-mediated signals in type II cells. <i>Biochemical Journal</i> , 2008 , 413, 467-78	3.8	23
62	Cell surface estrogen receptor alpha is upregulated during subchronic metabolic stress and inhibits neuronal cell degeneration. <i>PLoS ONE</i> , 2012 , 7, e42339	3.7	23
61	Cellular and Molecular Mechanisms of Phenotypic Switch in Gastrointestinal Smooth Muscle. <i>Journal of Cellular Physiology</i> , 2016 , 231, 295-302	7	22
60	Pathogenetic determinants in Kawasaki disease: the haematological point of view. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 632-639	5.6	22
59	Maternally-inherited Leigh syndrome-related mutations bolster mitochondrial-mediated apoptosis. <i>Journal of Neurochemistry</i> , 2004 , 90, 490-501	6	22
58	Role of GD3-CLIPR-59 association in lymphoblastoid T cell apoptosis triggered by CD95/Fas. <i>PLoS ONE</i> , 2010 , 5, e8567	3.7	22
57	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012 , 5, 217-9	1.7	21
56	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, 1507-20	5.8	21
55	Cytoskeleton alterations of erythrocytes from patients with Fanconi's anemia. <i>FEBS Letters</i> , 2000 , 468, 125-8	3.8	21
54	Autophagy as a pathogenic mechanism and drug target in lymphoproliferative disorders. <i>FASEB Journal</i> , 2014 , 28, 524-35	0.9	20
53	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	5.7	19
52	Xeno-cannibalism: a survival "escamotage". <i>Autophagy</i> , 2007 , 3, 75-7	10.2	19
51	Inflammatory cytokines associated with cancer growth induce mitochondria and cytoskeleton alterations in cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20453-20468	7	18

50	On the role of sphingolipids in cell survival and death. <i>International Review of Cell and Molecular Biology</i> , 2020 , 351, 149-195	6	18
49	Preclinical models in the study of sex differences. <i>Clinical Science</i> , 2017 , 131, 449-469	6.5	17
48	The relevance of estrogen/estrogen receptor system on the gender difference in cardiovascular risk. <i>International Journal of Cardiology</i> , 2015 , 187, 291-8	3.2	17
47	Autoantibodies to estrogen receptor β in systemic sclerosis (SSc) as pathogenetic determinants and markers of progression. <i>PLoS ONE</i> , 2013 , 8, e74332	3.7	16
46	Redox imbalance of red blood cells impacts T lymphocyte homeostasis: implication in carotid atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 1117-26	7	16
45	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	6.3	16
44	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	9.8	15
43	Radical generation and alterations of erythrocyte integrity as bioindicators of diagnostic or prognostic value in COPD?. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 829-36	8.4	15
42	Role of lymphocyte multidrug resistance protein 1 in HIV infection: expression, function, and consequences of inhibition. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005 , 40, 257-66	3.1	15
41	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, 1046-57	4.7	15
40	Modulating the metabolism by trimetazidine enhances myoblast differentiation and promotes myogenesis in cachectic tumor-bearing c26 mice. <i>Oncotarget</i> , 2017 , 8, 113938-113956	3.3	15
39	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021 , 17, 2528-2548	10.2	15
38	Long COVID: an estrogen-associated autoimmune disease?. <i>Cell Death Discovery</i> , 2021 , 7, 77	6.9	15
37	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	12.8	14
36	Mitochondria and Sex-Specific Cardiac Function. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1065, 241-256	3.6	14
35	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	15.5	14
34	Gender specific aspects of cell death in the cardiovascular system. <i>Current Pharmaceutical Design</i> , 2011 , 17, 1046-55	3.3	14
33	The red blood cell as a gender-associated biomarker in metabolic syndrome: a pilot study. <i>International Journal of Cell Biology</i> , 2011 , 2011, 204157	2.6	14

32	Autoantibodies specific to estrogen receptor alpha act as estrogen agonists and their levels correlate with breast cancer cell proliferation. <i>Oncolmmunology</i> , 2016 , 5, e1074375	7.2	13
31	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	6.7	12
30	The influence of patient sex on clinical approaches to malignant glioma. <i>Cancer Letters</i> , 2020 , 468, 41-47	9.9	12
29	Antioxidants counteract lipopolysaccharide-triggered alterations of human colonic smooth muscle cells. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 2102-11	7.8	11
28	Analyzing lipid raft dynamics during cell apoptosis. <i>Methods in Enzymology</i> , 2008 , 442, 125-40	1.7	11
27	Recruitment of mitofusin 2 into "lipid rafts" drives mitochondria fusion induced by Mdivi-1. <i>Oncotarget</i> , 2018 , 9, 18869-18884	3.3	11
26	Red blood cells as a model to differentiate between direct and indirect oxidation pathways of peroxynitrite. <i>Methods in Enzymology</i> , 2008 , 440, 253-72	1.7	10
25	Galectin-3 overexpression protects from apoptosis by improving cell adhesion properties 2000 , 85, 545		10
24	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, 128-30	10.2	9
23	Exploiting cell death pathways by an E. coli cytotoxin: autophagy as a double-edged sword for the host. <i>Autophagy</i> , 2006 , 2, 310-1	10.2	9
22	Antioxidant N-acetyl-cysteine increasing cell adhesion capability could facilitate the biocompatibility processes. <i>Biomaterials</i> , 1996 , 17, 921-8	15.6	9
21	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, 97-102	3.6	8
20	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, 1539-49	1.6	8
19	Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. <i>Oncotarget</i> , 2016 , 7, 50972-50985	3.3	8
18	Platelets in Kawasaki patients: two different populations with different mitochondrial functions. <i>International Journal of Cardiology</i> , 2014 , 172, 526-8	3.2	7
17	Reducing the risk of overdiagnosis in lung cancer: a support from molecular biology. <i>Journal of Cellular Physiology</i> , 2011 , 226, 2213-4	7	7
16	The Sex-Related Interplay between TME and Cancer: On the Critical Role of Estrogen, MicroRNAs and Autophagy. <i>Cancers</i> , 2021 , 13,	6.6	7
15	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	8.4	6

14	Statin-induced impairment of monocyte migration is gender-related. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1990-8	7	6
13	Survival features of EBV-stabilized cells from centenarians: morpho-functional and transcriptomic analyses. <i>Age</i> , 2012 , 34, 1341-59		6
12	Flow cytometric analysis of the early phases of apoptosis by cellular and nuclear techniques 1996 , 24, 106		6
11	Functional Estrogen Receptors of Red Blood Cells. Do They Influence Intracellular Signaling?. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 186-199	3.9	5
10	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF- Treatment. <i>Stem Cells International</i> , 2017 , 2017, 4790563	5	4
9	Differentiation of monocyte-derived dendritic cells is associated with upregulation and activation of Rac-1 small GTPase. <i>FEBS Letters</i> , 2006 , 580, 3335-9	3.8	4
8	Interferon-gamma bolsters CD95/Fas-mediated apoptosis of astrogloma cells. <i>FEBS Journal</i> , 2009 , 276, 5920-35	5.7	3
7	The role of sphingolipids and lipid rafts in determining cell fate. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 581-3	5.4	2
6	Possible Implication of Red Blood Cells in the Prothrombotic Risk in Early Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2015 , 42, 1352-4	4.1	2
5	Red blood cells as bioindicators of cardiovascular risk in Kawasaki disease: A case report. <i>International Journal of Cardiology</i> , 2015 , 181, 311-3	3.2	2
4	Potential role of platelets for atherosclerotic events in rheumatoid arthritis. <i>FEBS Open Bio</i> , 2018 , 8, 1888-1896	2.7	2
3	Hormones and Sex-Specific Medicine in Human Physiopathology.. <i>Biomolecules</i> , 2022 , 12,	5.9	2
2	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	3.8	1
1	Corrigendum to [Imatinib interferes with survival of multi drug resistant Kaposi's sarcoma cells] [FEBS Lett. 581 (2007) 5897-903]. <i>FEBS Letters</i> , 2008 , 582, 398-398	3.8	