

Issidora S Papassideri

List of Publications by Year in descending order

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112
papers

11,736
citations

136950

32
h-index

27406

106
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112
all docs

112
docs citations

112
times ranked

23699
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	An update on red blood cell storage lesions, as gleaned through biochemistry and omics technologies. <i>Transfusion</i> , 2015, 55, 205-219.	1.6	297
4	RBC-derived vesicles during storage: ultrastructure, protein composition, oxidation, and signaling components. <i>Transfusion</i> , 2008, 48, 1943-1953.	1.6	182
5	Progressive oxidation of cytoskeletal proteins and accumulation of denatured hemoglobin in stored red cells. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 148-155.	3.6	175
6	Anti-ageing and rejuvenating effects of quercetin. <i>Experimental Gerontology</i> , 2010, 45, 763-771.	2.8	170
7	Intracellular Clusterin Inhibits Mitochondrial Apoptosis by Suppressing p53-Activating Stress Signals and Stabilizing the Cytosolic Ku70-Bax Protein Complex. <i>Clinical Cancer Research</i> , 2009, 15, 48-59.	7.0	142
8	Hypoxia modulates the purine salvage pathway and decreases red blood cell and supernatant levels of hypoxanthine during refrigerated storage. <i>Haematologica</i> , 2018, 103, 361-372.	3.5	131
9	Cell death during <i>Drosophila melanogaster</i> early oogenesis is mediated through autophagy. <i>Autophagy</i> , 2009, 5, 298-302.	9.1	124
10	Stage-specific apoptotic patterns during <i>Drosophila</i> oogenesis. <i>European Journal of Cell Biology</i> , 2000, 79, 610-620.	3.6	110
11	Storage-dependent remodeling of the red blood cell membrane is associated with increased immunoglobulin G binding, lipid raft rearrangement, and caspase activation. <i>Transfusion</i> , 2007, 47, 1212-1220.	1.6	107
12	Glucose 6-phosphate dehydrogenase deficient subjects may be better "restorers" than donors of red blood cells. <i>Free Radical Biology and Medicine</i> , 2016, 96, 152-165.	2.9	105
13	Red blood cell aging markers during storage in citrate-phosphate-dextrose-saline-adenine-glucose-mannitol. <i>Transfusion</i> , 2010, 50, 376-389.	1.6	100
14	Proteasome dysfunction in <i>Drosophila</i> signals to an Nrf2-dependent regulatory circuit aiming to restore proteostasis and prevent premature aging. <i>Aging Cell</i> , 2013, 12, 802-813.	6.7	98
15	Donor variation effect on red blood cell storage lesion: a multivariable, yet consistent, story. <i>Transfusion</i> , 2016, 56, 1274-1286.	1.6	94
16	Differential regulation of proteasome functionality in reproductive vs. somatic tissues of <i>Drosophila</i> during aging or oxidative stress. <i>FASEB Journal</i> , 2013, 27, 2407-2420.	0.5	85
17	Effects of pre-storage leukoreduction on stored red blood cells signaling: A time-course evaluation from shape to proteome. <i>Journal of Proteomics</i> , 2012, 76, 220-238.	2.4	84
18	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. <i>Autophagy</i> , 2010, 6, 575-588.	9.1	77

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19	Uric acid variation among regular blood donors is indicative of red blood cell susceptibility to storage lesion markers: A new hypothesis tested. <i>Transfusion</i> , 2015, 55, 2659-2671.	1.6	69
20	Donorâ€variation effect on red blood cell storage lesion: A close relationship emerges. <i>Proteomics - Clinical Applications</i> , 2016, 10, 791-804.	1.6	69
21	Dynamics of apoptosis in the ovarian follicle cells during the late stages of <i>Drosophila</i> oogenesis. <i>Cell and Tissue Research</i> , 2002, 307, 401-409.	2.9	58
22	Aging and death signalling in mature red cells: from basic science to transfusion practice. <i>Blood Transfusion</i> , 2010, 8 Suppl 3, s39-47.	0.4	58
23	Phenolic profiles and antioxidant and anticarcinogenic activities of Greek herbal infusions; balancing delight and chemoprevention?. <i>Food Chemistry</i> , 2014, 142, 233-241.	8.2	56
24	Membrane protein carbonylation in non-leukodepleted CPDA-preserved red blood cells. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 36, 279-282.	1.4	51
25	Diet-derived advanced glycation end products or lipofuscin disrupts proteostasis and reduces life span in <i>Drosophila melanogaster</i> . <i>Free Radical Biology and Medicine</i> , 2013, 65, 1155-1163.	2.9	49
26	Revisiting Histone Deacetylases in Human Tumorigenesis: The Paradigm of Urothelial Bladder Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1291.	4.1	47
27	Oxidative stress-associated shape transformation and membrane proteome remodeling in erythrocytes of end stage renal disease patients on hemodialysis. <i>Journal of Proteomics</i> , 2011, 74, 2441-2452.	2.4	45
28	Apoptosis and Autophagy Function Cooperatively for the Efficacious Execution of Programmed Nurse Cell Death During <i>Drosophila virilis</i> Oogenesis. <i>Autophagy</i> , 2007, 3, 130-132.	9.1	42
29	Mechanisms of programmed cell death during oogenesis in <i>Drosophila virilis</i> . <i>Cell and Tissue Research</i> , 2006, 327, 399-414.	2.9	38
30	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. <i>Redox Biology</i> , 2018, 16, 169-178.	9.0	37
31	Metabolic Linkage and Correlations to Storage Capacity in Erythrocytes from Glucose 6-Phosphate Dehydrogenase-Deficient Donors. <i>Frontiers in Medicine</i> , 2017, 4, 248.	2.6	37
32	Cell-derived microparticles in stored blood products: innocent-bystanders or effective mediators of post-transfusion reactions?. <i>Blood Transfusion</i> , 2012, 10 Suppl 2, s25-38.	0.4	35
33	Programmed cell death of the ovarian nurse cells during oogenesis of the silkworm <i>Bombyx mori</i> . <i>Development Growth and Differentiation</i> , 2006, 48, 419-428.	1.5	34
34	Apolipoprotein J/Clusterin Is a Novel Structural Component of Human Erythrocytes and a Biomarker of Cellular Stress and Senescence. <i>PLoS ONE</i> , 2011, 6, e26032.	2.5	34
35	6-bromo-indirubin-3-oxime (6BIO), a Glycogen synthase kinase-3 β inhibitor, activates cytoprotective cellular modules and suppresses cellular senescence-mediated biomolecular damage in human fibroblasts. <i>Scientific Reports</i> , 2017, 7, 11713.	3.3	33
36	Data on how several physiological parameters of stored red blood cells are similar in glucose 6-phosphate dehydrogenase deficient and sufficient donors. <i>Data in Brief</i> , 2016, 8, 618-627.	1.0	31

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37	The enzymatic component of <i>Drosophila melanogaster</i> chorion is the Pxd peroxidase. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 1043-1057.	2.7	29
38	Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. <i>Autophagy</i> , 2019, 15, 1757-1773.	9.1	29
39	Actin cytoskeleton reorganization of the apoptotic nurse cells during the late developmental stages of oogenesis in <i>Dacus oleae</i> . <i>Cytoskeleton</i> , 2001, 48, 224-233.	4.4	28
40	Programmed cell death of follicular epithelium during the late developmental stages of oogenesis in the fruit flies <i>Bactrocera oleae</i> and <i>Ceratitis capitata</i> (Diptera, Tephritidae) is mediated by autophagy. <i>Development Growth and Differentiation</i> , 2006, 48, 189-198.	1.5	27
41	Donor-specific individuality of red blood cell performance during storage is partly a function of serum uric acid levels. <i>Transfusion</i> , 2018, 58, 34-40.	1.6	27
42	Physiologically important secondary modifications of red cell membrane in hereditary spherocytosis-evidence for in vivo oxidation and lipid rafts protein variations. <i>Blood Cells, Molecules, and Diseases</i> , 2007, 38, 210-220.	1.4	26
43	Stage-specific regulation of programmed cell death during oogenesis of the medfly <i>Ceratitis capitata</i> (Diptera, Tephritidae). <i>International Journal of Developmental Biology</i> , 2007, 51, 57-66.	0.6	25
44	Red blood cell abnormalities and the pathogenesis of anemia in end-stage renal disease. <i>Proteomics - Clinical Applications</i> , 2016, 10, 778-790.	1.6	25
45	Unraveling the Gordian knot: red blood cell storage lesion and transfusion outcomes. <i>Blood Transfusion</i> , 2017, 15, 126-130.	0.4	25
46	Detrimental effects of proteasome inhibition activity in <i>Drosophila melanogaster</i> : implication of ER stress, autophagy, and apoptosis. <i>Cell Biology and Toxicology</i> , 2013, 29, 13-37.	5.3	24
47	Microparticles variability in fresh frozen plasma: preparation protocol and storage time effects. <i>Blood Transfusion</i> , 2016, 14, 228-37.	0.4	24
48	Increased protein carbonylation of red blood cell membrane in diabetic retinopathy. <i>Experimental and Molecular Pathology</i> , 2009, 87, 76-82.	2.1	23
49	Apolipoprotein J/Clusterin in Human Erythrocytes Is Involved in the Molecular Process of Defected Material Disposal during Vesiculation. <i>PLoS ONE</i> , 2011, 6, e26033.	2.5	23
50	Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. <i>Redox Biology</i> , 2015, 5, 205-215.	9.0	23
51	Isolation of natural products with anti-ageing activity from the fruits of <i>Platanus orientalis</i> . <i>Phytomedicine</i> , 2017, 33, 53-61.	5.3	23
52	Beta thalassemia minor is a beneficial determinant of red blood cell storage lesion. <i>Haematologica</i> , 2022, 107, 112-125.	3.5	23
53	Temperature-dependent haemolytic propensity of CPDA-1 stored red blood cells vs whole blood - Red cell fragility as donor signature on blood units. <i>Blood Transfusion</i> , 2017, 15, 447-455.	0.4	23
54	Increased expression levels of apolipoprotein J/clusterin during primary osteoarthritis. <i>In Vivo</i> , 2011, 25, 745-9.	1.3	23

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55	Differential sorting of constitutively co-secreted proteins in the ovarian follicle cells of <i>Drosophila</i> . <i>European Journal of Cell Biology</i> , 2001, 80, 271-284.	3.6	22
56	Different modes of programmed cell death during oogenesis of the silkworm <i>Bombyx mori</i> . <i>Autophagy</i> , 2008, 4, 97-100.	9.1	21
57	Erythrocyte-based drug delivery in Transfusion Medicine: Wandering questions seeking answers. <i>Transfusion and Apheresis Science</i> , 2017, 56, 626-634.	1.0	21
58	Modes of programmed cell death during <i>Ceratitis capitata</i> oogenesis. <i>Tissue and Cell</i> , 2003, 35, 113-119.	2.2	20
59	Autophagy is Required for the Degeneration of the Ovarian Follicular Epithelium in Higher Diptera. <i>Autophagy</i> , 2006, 2, 297-298.	9.1	20
60	The eggshell of <i>Drosophila melanogaster</i> . VIII. Morphogenesis of the wax layer during oogenesis. <i>Tissue and Cell</i> , 1993, 25, 929-936.	2.2	19
61	Chromatin condensation of ovarian nurse and follicle cells is regulated independently from DNA fragmentation during <i>Drosophila</i> late oogenesis. <i>Differentiation</i> , 2006, 74, 293-304.	1.9	19
62	Programmed cell death of the ovarian nurse cells during oogenesis of the ladybird beetle <i>Adalia bipunctata</i> (Coleoptera: Coccinellidae). <i>Development Growth and Differentiation</i> , 2011, 53, 804-815.	1.5	18
63	Human Melanoma-Cell Metabolic Profiling: Identification of Novel Biomarkers Indicating Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2436.	4.1	18
64	Follicular atresia during <i>Dacus oleae</i> oogenesis. <i>Journal of Insect Physiology</i> , 2006, 52, 282-290.	2.0	17
65	Blood modifications associated with end stage renal disease duration, progression and cardiovascular mortality: a 3-year follow-up pilot study. <i>Journal of Proteomics</i> , 2014, 101, 88-101.	2.4	16
66	A High-Resolution Proteomic Landscaping of Primary Human Dental Stem Cells: Identification of SHED- and PDLSC-Specific Biomarkers. <i>International Journal of Molecular Sciences</i> , 2018, 19, 158.	4.1	16
67	Red cell transfusion in paediatric patients with thalassaemia and sickle cell disease: Current status, challenges and perspectives. <i>Transfusion and Apheresis Science</i> , 2018, 57, 347-357.	1.0	16
68	Morphological irregularities and features of resistance to apoptosis in the <i>dcp-1/pita</i> double mutated egg chambers during <i>Drosophila</i> oogenesis. <i>Cytoskeleton</i> , 2005, 60, 14-23.	4.4	13
69	Structural alterations of the erythrocyte membrane proteins in diabetic retinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 1179-1188.	1.9	13
70	Pathophysiological aspects of red blood cells in end stage renal disease patients resistant to recombinant human erythropoietin therapy. <i>European Journal of Haematology</i> , 2017, 98, 590-600.	2.2	13
71	Proteome of Stored RBC Membrane and Vesicles from Heterozygous Beta Thalassemia Donors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3369.	4.1	13
72	Sex-related aspects of the red blood cell storage lesion. <i>Blood Transfusion</i> , 2021, 19, 224-236.	0.4	13

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73	Defective organization of the erythroid cell membrane in a novel case of congenital anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2003, 30, 43-54.	1.4	12
74	Short-term effects of hemodiafiltration versus conventional hemodialysis on erythrocyte performance. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 249-257.	1.4	12
75	Global Proteomic Profiling of <i>Drosophila</i> Ovary: A High-resolution, Unbiased, Accurate and Multifaceted Analysis. <i>Cancer Genomics and Proteomics</i> , 2015, 12, 369-84.	2.0	12
76	Red Blood Cell Proteasome in Beta-Thalassemia Trait: Topology of Activity and Networking in Blood Bank Conditions. <i>Membranes</i> , 2021, 11, 716.	3.0	11
77	The indispensable contribution of s38 protein to ovarian-eggshell morphogenesis in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2018, 8, 16103.	3.3	10
78	Molecular responses to therapeutic proteasome inhibitors in multiple myeloma patients are donor-, cell type- and drug-dependent. <i>Oncotarget</i> , 2018, 9, 17797-17809.	1.8	10
79	Ultrastructural characterization of the erythroid cells in a novel case of congenital anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2003, 30, 30-42.	1.4	9
80	Proteasome inhibition induces developmentally deregulated programs of apoptotic and autophagic cell death during <i>Drosophila melanogaster</i> oogenesis. <i>Cell Biology International</i> , 2011, 35, 15-27.	3.0	9
81	Epigenetic alterations in sporadic basal cell carcinomas. <i>Archives of Dermatological Research</i> , 2014, 306, 561-569.	1.9	9
82	Targeted Downregulation of s36 Protein Unearths its Cardinal Role in Chorion Biogenesis and Architecture during <i>Drosophila melanogaster</i> Oogenesis. <i>Scientific Reports</i> , 2016, 6, 35511.	3.3	9
83	The Multi-Faced Extracellular Vesicles in the Plasma of Chronic Kidney Disease Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 227.	3.7	9
84	Leukoreduction makes a difference: A pair proteomics study of extracellular vesicles in red blood cell units. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103166.	1.0	9
85	Proteasome, but Not Autophagy, Disruption Results in Severe Eye and Wing Dysmorphia: A Subunit- and Regulator-Dependent Process in <i>Drosophila</i> . <i>PLoS ONE</i> , 2013, 8, e80530.	2.5	9
86	Structural and biochemical analysis of the <i>Leptinotarsa decemlineata</i> (Coleoptera; Chrysomeloidea) crystalline chorionic layer. <i>Journal of Insect Physiology</i> , 2003, 49, 377-384.	2.0	8
87	Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 937.	4.1	8
88	The Post-Storage Performance of RBCs from Beta-Thalassemia Trait Donors Is Related to Their Storability Profile. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12281.	4.1	8
89	Deciphering the Relationship Between Free and Vesicular Hemoglobin in Stored Red Blood Cell Units. <i>Frontiers in Physiology</i> , 2022, 13, 840995.	2.8	8
90	Redox Status, Procoagulant Activity, and Metabolome of Fresh Frozen Plasma in Glucose 6-Phosphate Dehydrogenase Deficiency. <i>Frontiers in Medicine</i> , 2018, 5, 16.	2.6	7

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91	Malignancy Grade-Dependent Mapping of Metabolic Landscapes in Human Urothelial Bladder Cancer: Identification of Novel, Diagnostic, and Druggable Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1892.	4.1	7
92	Red cell proteasome modulation by storage, redox metabolism and transfusion. <i>Blood Transfusion</i> , 2020, , .	0.4	7
93	Molecular cloning and tissue-specific transcriptional regulation of the first peroxidase family member, Udp1, in stinging nettle (<i>Urtica dioica</i>). <i>Gene</i> , 2005, 362, 57-69.	2.2	6
94	Crystalline yolk spheroids in <i>Drosophila melanogaster</i> oocyte: Freeze fracture and two-dimensional reconstruction analysis. <i>Journal of Insect Physiology</i> , 2007, 53, 370-376.	2.0	6
95	Targeting of copper-trafficking chaperones causes gene-specific systemic pathology in <i>Drosophila melanogaster</i> : prospective expansion of mutational landscapes that regulate tumor resistance to cisplatin. <i>Biology Open</i> , 2019, 8, .	1.2	6
96	Osmotic hemolysis is a donor-specific feature of red blood cells under various storage conditions and genetic backgrounds. <i>Transfusion</i> , 2021, 61, 2538-2544.	1.6	6
97	Exploitation of <i>Drosophila</i> Choriogenesis Process as a Model Cellular System for Assessment of Compound Toxicity: the Phloroglucinol Paradigm. <i>Scientific Reports</i> , 2020, 10, 242.	3.3	5
98	From Proteomic Mapping to Invasion-Metastasis-Cascade Systemic Biomarkering and Targeted Drugging of Mutant BRAF-Dependent Human Cutaneous Melanomagenesis. <i>Cancers</i> , 2021, 13, 2024.	3.7	5
99	Isomorph expression of BAG-1 gene, ER and PR in endometrial cancer. <i>Anticancer Research</i> , 2010, 30, 4103-8.	1.1	5
100	Early and Late-Phase 24h Responses of Stored Red Blood Cells to Recipient-Mimicking Conditions. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	5
101	Mass Determination of the Unit Cell of the Innermost Chorionic Layer in <i>Drosophilidae</i> by Scanning Transmission Electron Microscopy. <i>Journal of Structural Biology</i> , 1999, 127, 258-262.	2.8	4
102	Unraveling the human protein atlas of metastatic melanoma in the course of ultraviolet radiation-derived photo-therapy. <i>Journal of Proteomics</i> , 2018, 188, 119-138.	2.4	4
103	Chapter Thirty-Seven Monitoring Autophagy in Insect Eggs. <i>Methods in Enzymology</i> , 2008, 451, 669-683.	1.0	3
104	Proteomic mapping of <i>Drosophila</i> transgenic elav.L-GAL4/+ brain as a tool to illuminate neuropathology mechanisms. <i>Scientific Reports</i> , 2020, 10, 5430.	3.3	3
105	Clusterin overexpression in mice exacerbates diabetic phenotypes but suppresses tumor progression in a mouse melanoma model. <i>Aging</i> , 2021, 13, 6485-6505.	3.1	3
106	Corpuscular Fragility and Metabolic Aspects of Freshly Drawn Beta-Thalassemia Minor RBCs Impact Their Physiology and Performance Post Transfusion: A Triangular Correlation Analysis In Vitro and In Vivo. <i>Biomedicines</i> , 2022, 10, 530.	3.2	3
107	A PCR-based integrated protocol for the structural analysis of the 13th exon of the human β^2 -myosin heavy chain gene (MYH7): Development of a diagnostic tool for HCM disease. <i>Experimental and Molecular Pathology</i> , 2008, 84, 245-250.	2.1	1
108	Data of sperm-entry inability in <i>Drosophila melanogaster</i> ovarian follicles that are depleted of s36 chorionic protein. <i>Data in Brief</i> , 2017, 12, 180-183.	1.0	1

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109	Recipient's effects on stored red blood cell performance: the case of uremic plasma. <i>Transfusion</i> , 2019, 59, 1900-1906.	1.6	1
110	Molecular Analyses Of The Effects Induced By Orally Administered Bortezomib In <i>Drosophila</i> Flies: A Novel In Vivo Experimental Platform To Screen For The Tissue- and Age-Dependent Effects Of Proteasome Inhibitors. <i>Blood</i> , 2013, 122, 2910-2910.	1.4	1
111	Translating Findings of Proteasome Inhibitors Effects from the in Vivo <i>Drosophila</i> Experimental Model to Humans: The Paradigm of the Molecular-Cellular Responses to Bortezomib and Carfilzomib. <i>Blood</i> , 2014, 124, 4814-4814.	1.4	0
112	Analysis of Molecular-Cellular Responses to Proteasome Inhibitors in Multiple Myeloma Patients; A Translational Approach of Proteasome Inhibitors In Vivo Effects from the <i>Drosophila</i> Experimental Model to Humans. <i>Blood</i> , 2015, 126, 3250-3250.	1.4	0