## Issidora S Papassideri

List of Publications by Year in descending order

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136740 27345 112 11,736 32 106 citations h-index g-index papers 112 112 112 23699 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Beta thalassemia minor is a beneficial determinant of red blood cell storage lesion. Haematologica, 2022, 107, 112-125.	1.7	23
2	Deciphering the Relationship Between Free and Vesicular Hemoglobin in Stored Red Blood Cell Units. Frontiers in Physiology, 2022, 13, 840995.	1.3	8
3	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. Biomedicines, 2022, 10, 530.	1.4	3
4	Early and Late-Phase 24Âh Responses of Stored Red Blood Cells to Recipient-Mimicking Conditions. Frontiers in Physiology, 2022, 13, .	1.3	5
5	Proteome of Stored RBC Membrane and Vesicles from Heterozygous Beta Thalassemia Donors. International Journal of Molecular Sciences, 2021, 22, 3369.	1.8	13
6	Clusterin overexpression in mice exacerbates diabetic phenotypes but suppresses tumor progression in a mouse melanoma model. Aging, 2021, 13, 6485-6505.	1.4	3
7	From Proteomic Mapping to Invasion-Metastasis-Cascade Systemic Biomarkering and Targeted Drugging of Mutant BRAF-Dependent Human Cutaneous Melanomagenesis. Cancers, 2021, 13, 2024.	1.7	5
8	Osmotic hemolysis is a donorâ€specific feature of red blood cells under various storage conditions and genetic backgrounds. Transfusion, 2021, 61, 2538-2544.	0.8	6
9	Leukoreduction makes a difference: A pair proteomics study of extracellular vesicles in red blood cell units. Transfusion and Apheresis Science, 2021, 60, 103166.	0.5	9
10	Red Blood Cell Proteasome in Beta-Thalassemia Trait: Topology of Activity and Networking in Blood Bank Conditions. Membranes, 2021, 11, 716.	1.4	11
11	Sex-related aspects of the red blood cell storage lesion. Blood Transfusion, 2021, 19, 224-236.	0.3	13
12	The Post-Storage Performance of RBCs from Beta-Thalassemia Trait Donors Is Related to Their Storability Profile. International Journal of Molecular Sciences, 2021, 22, 12281.	1.8	8
13	Proteomic mapping of Drosophila transgenic elav.L-GAL4/+ brain as a tool to illuminate neuropathology mechanisms. Scientific Reports, 2020, 10, 5430.	1.6	3
14	Malignancy Grade-Dependent Mapping of Metabolic Landscapes in Human Urothelial Bladder Cancer: Identification of Novel, Diagnostic, and Druggable Biomarkers. International Journal of Molecular Sciences, 2020, 21, 1892.	1.8	7
15	Exploitation of Drosophila Choriogenesis Process as a Model Cellular System for Assessment of Compound Toxicity: the Phloroglucinol Paradigm. Scientific Reports, 2020, 10, 242.	1.6	5
16	The Multi-Faced Extracellular Vesicles in the Plasma of Chronic Kidney Disease Patients. Frontiers in Cell and Developmental Biology, 2020, 8, 227.	1.8	9
17	Human Melanoma-Cell Metabolic Profiling: Identification of Novel Biomarkers Indicating Metastasis. International Journal of Molecular Sciences, 2020, 21, 2436.	1.8	18
18	Red cell proteasome modulation by storage, redox metabolism and transfusion. Blood Transfusion, 2020, , .	0.3	7

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19	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. Biology Open, 2019, 8, .	0.6	6
20	Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. Autophagy, 2019, 15, 1757-1773.	4.3	29
21	Recipient's effects on stored red blood cell performance: the case of uremic plasma. Transfusion, 2019, 59, 1900-1906.	0.8	1
22	Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. International Journal of Molecular Sciences, 2019, 20, 937.	1.8	8
23	Revisiting Histone Deacetylases in Human Tumorigenesis: The Paradigm of Urothelial Bladder Cancer. International Journal of Molecular Sciences, 2019, 20, 1291.	1.8	47
24	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. Redox Biology, 2018, 16, 169-178.	3.9	37
25	Unraveling the human protein atlas of metastatic melanoma in the course of ultraviolet radiation-derived photo-therapy. Journal of Proteomics, 2018, 188, 119-138.	1.2	4
26	Donorâ€specific individuality of red blood cell performance during storage is partly a function of serum uric acid levels. Transfusion, 2018, 58, 34-40.	0.8	27
27	Short-term effects of hemodiafiltration versus conventional hemodialysis on erythrocyte performance. Canadian Journal of Physiology and Pharmacology, 2018, 96, 249-257.	0.7	12
28	Hypoxia modulates the purine salvage pathway and decreases red blood cell and supernatant levels of hypoxanthine during refrigerated storage. Haematologica, 2018, 103, 361-372.	1.7	131
29	The indispensable contribution of s38 protein to ovarian-eggshell morphogenesis in Drosophila melanogaster. Scientific Reports, 2018, 8, 16103.	1.6	10
30	A High-Resolution Proteomic Landscaping of Primary Human Dental Stem Cells: Identification of SHED-and PDLSC-Specific Biomarkers. International Journal of Molecular Sciences, 2018, 19, 158.	1.8	16
31	Redox Status, Procoagulant Activity, and Metabolome of Fresh Frozen Plasma in Glucose 6-Phosphate Dehydrogenase Deficiency. Frontiers in Medicine, 2018, 5, 16.	1.2	7
32	Red cell transfusion in paediatric patients with thalassaemia and sickle cell disease: Current status, challenges and perspectives. Transfusion and Apheresis Science, 2018, 57, 347-357.	0.5	16
33	Molecular responses to therapeutic proteasome inhibitors in multiple myeloma patients are donor, cell type- and drug-dependent. Oncotarget, 2018, 9, 17797-17809.	0.8	10
34	Pathophysiological aspects of red blood cells in endâ€stage renal disease patients resistant to recombinant human erythropoietin therapy. European Journal of Haematology, 2017, 98, 590-600.	1.1	13
35	6-bromo-indirubin-3′-oxime (6BIO), a Glycogen synthase kinase-3β inhibitor, activates cytoprotective cellular modules and suppresses cellular senescence-mediated biomolecular damage in human fibroblasts. Scientific Reports, 2017, 7, 11713.	1.6	33
36	Erythrocyte-based drug delivery in Transfusion Medicine: Wandering questions seeking answers. Transfusion and Apheresis Science, 2017, 56, 626-634.	0.5	21

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37	Isolation of natural products with anti-ageing activity from the fruits of Platanus orientalis. Phytomedicine, 2017, 33, 53-61.	2.3	23
38	Data of sperm-entry inability in Drosophila melanogaster ovarian follicles that are depleted of s36 chorionic protein. Data in Brief, 2017, 12, 180-183.	0.5	1
39	Metabolic Linkage and Correlations to Storage Capacity in Erythrocytes from Glucose 6-Phosphate Dehydrogenase-Deficient Donors. Frontiers in Medicine, 2017, 4, 248.	1.2	37
40	Unraveling the Gordian knot: red blood cell storage lesion and transfusion outcomes. Blood Transfusion, 2017, 15, 126-130.	0.3	25
41	Temperature-dependent haemolytic propensity of CPDA-1 stored red blood cells vs whole blood - Red cell fragility as donor signature on blood units. Blood Transfusion, 2017, 15, 447-455.	0.3	23
42	Red blood cell abnormalities and the pathogenesis of anemia in endâ€stage renal disease. Proteomics - Clinical Applications, 2016, 10, 778-790.	0.8	25
43	Targeted Downregulation of s36 Protein Unearths its Cardinal Role in Chorion Biogenesis and Architecture during Drosophila melanogaster Oogenesis. Scientific Reports, 2016, 6, 35511.	1.6	9
44	Glucose 6-phosphate dehydrogenase deficient subjects may be better "storers―than donors of red blood cells. Free Radical Biology and Medicine, 2016, 96, 152-165.	1.3	105
45	Data on how several physiological parameters of stored red blood cells are similar in glucose 6-phosphate dehydrogenase deficient and sufficient donors. Data in Brief, 2016, 8, 618-627.	0.5	31
46	Donorâ€variation effect on red blood cell storage lesion: A close relationship emerges. Proteomics - Clinical Applications, 2016, 10, 791-804.	0.8	69
47	Donor variation effect on red blood cell storage lesion: a multivariable, yet consistent, story. Transfusion, 2016, 56, 1274-1286.	0.8	94
48	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
49	Microparticles variability in fresh frozen plasma: preparation protocol and storage time effects. Blood Transfusion, 2016, 14, 228-37.	0.3	24
50	Uric acid variation among regular blood donors is indicative of red blood cell susceptibility to storage lesion markers: A new hypothesis tested. Transfusion, 2015, 55, 2659-2671.	0.8	69
51	Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. Redox Biology, 2015, 5, 205-215.	3.9	23
52	An update on red blood cell storage lesions, as gleaned through biochemistry and omics technologies. Transfusion, 2015, 55, 205-219.	0.8	297
53	Analysis of Molecular-Cellular Responses to Proteasome Inhibitors in Multiple Myeloma Patients; A Translational Approach of Proteasome Inhibitors In Vivo Effects from the Drosophila Experimental Model to Humans. Blood, 2015, 126, 3250-3250.	0.6	0
54	Global Proteomic Profiling of Drosophila Ovary: A High-resolution, Unbiased, Accurate and Multifaceted Analysis. Cancer Genomics and Proteomics, 2015, 12, 369-84.	1.0	12

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55	Phenolic profiles and antioxidant and anticarcinogenic activities of Greek herbal infusions; balancing delight and chemoprevention?. Food Chemistry, 2014, 142, 233-241.	4.2	56
56	Epigenetic alterations in sporadic basal cell carcinomas. Archives of Dermatological Research, 2014, 306, 561-569.	1.1	9
57	Blood modifications associated with end stage renal disease duration, progression and cardiovascular mortality: a 3-year follow-up pilot study. Journal of Proteomics, 2014, 101, 88-101.	1.2	16
58	Translating Findings of Proteasome Inhibitors Effects from the in VivoDrosophila Experimental Model to Humans: The Paradigm of the Molecular-Cellular Responses to Bortezomib and Carfilzomib. Blood, 2014, 124, 4814-4814.	0.6	0
59	Diet-derived advanced glycation end products or lipofuscin disrupts proteostasis and reduces life span in Drosophila melanogaster. Free Radical Biology and Medicine, 2013, 65, 1155-1163.	1.3	49
60	Proteasome dysfunction in <i>Drosophila &lt; /i&gt; signals to an Nrf2-dependent regulatory circuit aiming to restore proteostasis and prevent premature aging. Aging Cell, 2013, 12, 802-813.</i>	3.0	98
61	Detrimental effects of proteasome inhibition activity in Drosophila melanogaster: implication of ER stress, autophagy, and apoptosis. Cell Biology and Toxicology, 2013, 29, 13-37.	2.4	24
62	Differential regulation of proteasome functionality in reproductive <i>vs.</i> somatic tissues of <i>Drosophila</i> during aging or oxidative stress. FASEB Journal, 2013, 27, 2407-2420.	0.2	85
63	Molecular Analyses Of The Effects Induced By Orally Administered Bortezomib In Drosophila Flies: A Novel In Vivo Experimental Platform To Screen For The Tissue- and Age-Dependent Effects Of Proteasome Inhibitors. Blood, 2013, 122, 2910-2910.	0.6	1
64	Proteasome, but Not Autophagy, Disruption Results in Severe Eye and Wing Dysmorphia: A Subunit- and Regulator-Dependent Process in Drosophila. PLoS ONE, 2013, 8, e80530.	1.1	9
65	Effects of pre-storage leukoreduction on stored red blood cells signaling: A time-course evaluation from shape to proteome. Journal of Proteomics, 2012, 76, 220-238.	1.2	84
66	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
67	Cell-derived microparticles in stored blood products: innocent-bystanders or effective mediators of post-transfusion reactions?. Blood Transfusion, 2012, 10 Suppl 2, s25-38.	0.3	35
68	Proteasome inhibition induces developmentally deregulated programs of apoptotic and autophagic cell death during <i>Drosophila melanogaster </i> ) cogenesis. Cell Biology International, 2011, 35, 15-27.	1.4	9
69	Oxidative stress-associated shape transformation and membrane proteome remodeling in erythrocytes of end stage renal disease patients on hemodialysis. Journal of Proteomics, 2011, 74, 2441-2452.	1.2	45
70	Apolipoprotein J/Clusterin Is a Novel Structural Component of Human Erythrocytes and a Biomarker of Cellular Stress and Senescence. PLoS ONE, 2011, 6, e26032.	1.1	34
71	Apolipoprotein J/Clusterin in Human Erythrocytes Is Involved in the Molecular Process of Defected Material Disposal during Vesiculation. PLoS ONE, 2011, 6, e26033.	1.1	23
72	Programmed cell death of the ovarian nurse cells during oogenesis of the ladybird beetle Adalia bipunctata (Coleoptera: Coccinellidae). Development Growth and Differentiation, 2011, 53, 804-815.	0.6	18

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73	Increased expression levels of apolipoprotein J/clusterin during primary osteoarthritis. In Vivo, 2011, 25, 745-9.	0.6	23
74	Anti-ageing and rejuvenating effects of quercetin. Experimental Gerontology, 2010, 45, 763-771.	1.2	170
75	Red blood cell aging markers during storage in citrateâ€phosphateâ€dextrose–salineâ€adenineâ€glucoseâ€mannitol. Transfusion, 2010, 50, 376-389.	0.8	100
76	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. Autophagy, 2010, 6, 575-588.	4.3	77
77	Aging and death signalling in mature red cells: from basic science to transfusion practice. Blood Transfusion, 2010, 8 Suppl 3, s39-47.	0.3	58
78	Isomorph expression of BAG-1 gene, ER and PR in endometrial cancer. Anticancer Research, 2010, 30, 4103-8.	0.5	5
79	Cell death during <i>Drosophila melanogaster</i> early oogenesis is mediated through autophagy. Autophagy, 2009, 5, 298-302.	4.3	124
80	Intracellular Clusterin Inhibits Mitochondrial Apoptosis by Suppressing p53-Activating Stress Signals and Stabilizing the Cytosolic Ku70-Bax Protein Complex. Clinical Cancer Research, 2009, 15, 48-59.	3.2	142
81	Increased protein carbonylation of red blood cell membrane in diabetic retinopathy. Experimental and Molecular Pathology, 2009, 87, 76-82.	0.9	23
82	RBCâ€derived vesicles during storage: ultrastructure, protein composition, oxidation, and signaling components. Transfusion, 2008, 48, 1943-1953.	0.8	182
83	A PCR-based integrated protocol for the structural analysis of the 13th exon of the human $\hat{l}^2$ -myosin heavy chain gene (MYH7): Development of a diagnostic tool for HCM disease. Experimental and Molecular Pathology, 2008, 84, 245-250.	0.9	1
84	Chapter Thirtyâ€Seven Monitoring Autophagy in Insect Eggs. Methods in Enzymology, 2008, 451, 669-683.	0.4	3
85	Different modes of programmed cell death during oogenesis of the silkmoth <i>Bombyx mori</i> Autophagy, 2008, 4, 97-100.	4.3	21
86	Apoptosis and Autophagy Function Cooperatively for the Efficacious Execution of Programmed Nurse Cell Death During (i) Drosophila virilis (i) Oogenesis. Autophagy, 2007, 3, 130-132.	4.3	42
87	Physiologically important secondary modifications of red cell membrane in hereditary spherocytosis-evidence for in vivo oxidation and lipid rafts protein variations. Blood Cells, Molecules, and Diseases, 2007, 38, 210-220.	0.6	26
88	Stage-specific regulation of programmed cell death during oogenesis of the medfly Ceratitis capitata (Diptera, Tephritidae). International Journal of Developmental Biology, 2007, 51, 57-66.	0.3	25
89	Storage-dependent remodeling of the red blood cell membrane is associated with increased immunoglobulin $\hat{a} \in fG$ binding, lipid raft rearrangement, and caspase activation. Transfusion, 2007, 47, 1212-1220.	0.8	107
90	Progressive oxidation of cytoskeletal proteins and accumulation of denatured hemoglobin in stored red cells. Journal of Cellular and Molecular Medicine, 2007, 11, 148-155.	1.6	175

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91	Crystalline yolk spheroids in Drosophila melanogaster oocyte: Freeze fracture and two-dimensional reconstruction analysis. Journal of Insect Physiology, 2007, 53, 370-376.	0.9	6
92	Structural alterations of the erythrocyte membrane proteins in diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1179-1188.	1.0	13
93	Membrane protein carbonylation in non-leukodepleted CPDA-preserved red blood cells. Blood Cells, Molecules, and Diseases, 2006, 36, 279-282.	0.6	51
94	Programmed cell death of follicular epithelium during the late developmental stages of oogenesis in the fruit flies Bactrocera oleae and Ceratitis capitata (Diptera, Tephritidae) is mediated by autophagy. Development Growth and Differentiation, 2006, 48, 189-198.	0.6	27
95	Programmed cell death of the ovarian nurse cells during oogenesis of the silkmoth Bombyx mori. Development Growth and Differentiation, 2006, 48, 419-428.	0.6	34
96	Chromatin condensation of ovarian nurse and follicle cells is regulated independently from DNA fragmentation during Drosophila late oogenesis. Differentiation, 2006, 74, 293-304.	1.0	19
97	Mechanisms of programmed cell death during oogenesis in Drosophila virilis. Cell and Tissue Research, 2006, 327, 399-414.	1.5	38
98	Follicular atresia during Dacus oleae oogenesis. Journal of Insect Physiology, 2006, 52, 282-290.	0.9	17
99	Autophagy is Required for the Degeneration of the Ovarian Follicular Epithelium in Higher Diptera. Autophagy, 2006, 2, 297-298.	4.3	20
100	Morphological irregularities and features of resistance to apoptosis in thedcp-1/pita double mutated egg chambers duringDrosophila oogenesis. Cytoskeleton, 2005, 60, 14-23.	4.4	13
101	The enzymatic component of Drosophila melanogaster chorion is the Pxd peroxidase. Insect Biochemistry and Molecular Biology, 2005, 35, 1043-1057.	1.2	29
102	Molecular cloning and tissue-specific transcriptional regulation of the first peroxidase family member, Udp1, in stinging nettle (Urtica dioica). Gene, 2005, 362, 57-69.	1.0	6
103	Structural and biochemical analysis of the Leptinotarsa decemlineata (Coleoptera; Chrysomeloidea) crystalline chorionic layer. Journal of Insect Physiology, 2003, 49, 377-384.	0.9	8
104	Modes of programmed cell death during Ceratitis capitata oogenesis. Tissue and Cell, 2003, 35, 113-119.	1.0	20
105	Ultrastructural characterization of the erythroid cells in a novel case of congenital anemia. Blood Cells, Molecules, and Diseases, 2003, 30, 30-42.	0.6	9
106	Defective organization of the erythroid cell membrane in a novel case of congenital anemia. Blood Cells, Molecules, and Diseases, 2003, 30, 43-54.	0.6	12
107	Dynamics of apoptosis in the ovarian follicle cells during the late stages of Drosophila oogenesis. Cell and Tissue Research, 2002, 307, 401-409.	1.5	58
108	Differential sorting of constitutively co-secreted proteins in the ovarian follicle cells of Drosophila. European Journal of Cell Biology, 2001, 80, 271-284.	1.6	22

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109	Actin cytoskeleton reorganization of the apoptotic nurse cells during the late developmental stages of oogenesis inDacus oleae. Cytoskeleton, 2001, 48, 224-233.	4.4	28
110	Stage-specific apoptotic patterns during Drosophila oogenesis. European Journal of Cell Biology, 2000, 79, 610-620.	1.6	110
111	Mass Determination of the Unit Cell of the Innermost Chorionic Layer in Drosophilidae by Scanning Transmission Electron Microscopy. Journal of Structural Biology, 1999, 127, 258-262.	1.3	4
112	The eggshell of Drosophila melanogaster. VIII. Morphogenesis of the wax layer during oogenesis. Tissue and Cell, 1993, 25, 929-936.	1.0	19