

# Florence Toti

## List of Publications by Year in descending order

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54  
papers

4,410  
citations

172457  
29  
h-index

168389  
53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

5125  
citing authors

#	ARTICLE	IF	CITATIONS
1	ABC1 promotes engulfment of apoptotic cells and transbilayer redistribution of phosphatidylserine.. Nature Cell Biology, 2000, 2, 399-406.	10.3	498
2	Cellular Mechanisms Underlying the Formation of Circulating Microparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 15-26.	2.4	454
3	Procoagulant Microparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2594-2604.	2.4	429
4	Cellular microparticles: a disseminated storage pool of bioactive vascular effectors. Current Opinion in Hematology, 2004, 11, 156-164.	2.5	282
5	Elevated Levels of Circulating Procoagulant Microparticles in Patients With Paroxysmal Nocturnal Hemoglobinuria and Aplastic Anemia. Blood, 1999, 93, 3451-3456.	1.4	279
6	Microvesicles in vascular homeostasis and diseases. Thrombosis and Haemostasis, 2017, 117, 1296-1316.	3.4	193
7	Procoagulant Membrane Microparticles Correlate with the Severity of Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 536-543.	5.6	161
8	Microparticles: a critical component in the nexus between inflammation, immunity, and thrombosis. Seminars in Immunopathology, 2011, 33, 469-486.	6.1	133
9	Platelet microparticles and vascular cells interactions: A checkpoint between the haemostatic and thrombotic responses. Platelets, 2008, 19, 9-23.	2.3	128
10	Formation of procoagulant microparticles and properties. Thrombosis Research, 2010, 125, S46-S48.	1.7	125
11	Microparticles are new biomarkers of septic shock-induced disseminated intravascular coagulopathy. Intensive Care Medicine, 2013, 39, 1695-1703.	8.2	114
12	Increased levels of procoagulant tissue factor-bearing microparticles within the occluded coronary artery of patients with ST-segment elevation myocardial infarction: Role of endothelial damage and leukocyte activation. Atherosclerosis, 2009, 204, 636-641.	0.8	112
13	Endothelial Microparticles From Acute Coronary Syndrome Patients Induce Premature Coronary Artery Endothelial Cell Aging and Thrombogenicity. Circulation, 2017, 135, 280-296.	1.6	105
14	Bench-to-bedside review: Circulating microparticles - a new player in sepsis?. Critical Care, 2010, 14, 236.	5.8	95
15	Cellular damage, platelet activation, and inflammatory response after pulmonary vein isolation: A randomized study comparing radiofrequency ablation with cryoablation. Heart Rhythm, 2012, 9, 189-196.	0.7	92
16	Cell-derived microparticles: a new challenge in neuroscience. Journal of Neurochemistry, 2009, 110, 457-468.	3.9	89
17	Evidence of Netosis in Septic Shock-Induced Disseminated Intravascular Coagulation. Shock, 2017, 47, 313-317.	2.1	81
18	Sustained elevated amounts of circulating procoagulant membrane microparticles and soluble GPV after acute myocardial infarction in diabetes mellitus. Thrombosis and Haemostasis, 2004, 91, 345-353.	3.4	75

#	ARTICLE	IF	CITATIONS
19	Angiotensin II-induced redox-sensitive SGLT1 and 2 expression promotes high glucose-induced endothelial cell senescence. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2109-2122.	3.6	75
20	The significance of human monocyte thrombomodulin during membrane vesiculation and after stimulation by lipopolysaccharide. <i>British Journal of Haematology</i> , 1997, 96, 534-542.	2.5	73
21	Aminophospholipid exposure, microvesiculation and abnormal protein tyrosine phosphorylation in the platelets of a patient with Scott syndrome: a study using physiologic agonists and local anaesthetics. <i>British Journal of Haematology</i> , 1997, 99, 959-967.	2.5	65
22	Membrane microvesicles: Macromessengers in cancer disease and progression. <i>Thrombosis Research</i> , 2010, 125, S84-S88.	1.7	61
23	Microparticles in endothelial cell and vascular homeostasis: are they really noxious?. <i>Haematologica</i> , 2009, 94, 313-317.	3.5	60
24	Angiotensin II-induced upregulation of SGLT1 and 2 contributes to human microparticle-stimulated endothelial senescence and dysfunction: protective effect of gliflozins. <i>Cardiovascular Diabetology</i> , 2021, 20, 65.	6.8	59
25	Endothelial Cell Activation Contributes to the Release of Procoagulant Microparticles During Acute Cardiac Allograft Rejection. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 38-45.	0.6	52
26	Early Detection of Disseminated Intravascular Coagulation During Septic Shock: A Multicenter Prospective Study. <i>Critical Care Medicine</i> , 2016, 44, e930-e939.	0.9	51
27	Apoptosis in Vascular Disease. <i>Thrombosis and Haemostasis</i> , 1999, 82, 727-735.	3.4	44
28	Significance of Capacitative Ca <sup>2+</sup> Entry in the Regulation of Phosphatidylserine Expression at the Surface of Stimulated Cells. <i>Biochemistry</i> , 1999, 38, 10092-10098.	2.5	43
29	Factors influencing the level of circulating procoagulant microparticles in acute pulmonary embolism. <i>Archives of Cardiovascular Diseases</i> , 2010, 103, 394-403.	1.6	35
30	Once versus twice daily injection of enoxaparin for thromboprophylaxis in bariatric surgery: effects on antifactor Xa activity and procoagulant microparticles. A randomized controlled study. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 613-621.	1.2	30
31	Procoagulant Microparticles: "Criminal Partners" in Atherothrombosis and Deleterious Cellular Exchanges. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2006, 35, 15-22.	0.3	27
32	Mechanisms of Microparticle Generation: On the Trail of the Mitochondrion!. <i>Seminars in Thrombosis and Hemostasis</i> , 2010, 36, 833-844.	2.7	27
33	The Redox-sensitive Induction of the Local Angiotensin System Promotes Both Premature and Replicative Endothelial Senescence: Preventive Effect of a Standardized <i>Crataegus</i> Extract. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1581-1590.	3.6	26
34	Pharmacological modulation of procoagulant microparticles improves haemodynamic dysfunction during septic shock in rats. <i>Thrombosis and Haemostasis</i> , 2014, 111, 154-164.	3.4	22
35	Atrial Fibrillation Progression Is Associated with Cell Senescence Burden as Determined by p53 and p16 Expression. <i>Journal of Clinical Medicine</i> , 2020, 9, 36.	2.4	21
36	Another Link between Phospholipid Transmembrane Migration and ABC Transporter Gene Family, Inferred from a Rare Inherited Disorder of Phosphatidylserine Externalization. <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 548-552.	2.1	19

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37	Lipid emulsions for parenteral nutrition in critical illness. <i>Progress in Lipid Research</i> , 2015, 60, 1-16.	11.6	19
38	Intake of omega-3 formulation EPA:DHA 6:1 by old rats for 2 weeks improved endothelium-dependent relaxations and normalized the expression level of ACE/AT1R/NADPH oxidase and the formation of ROS in the mesenteric artery. <i>Biochemical Pharmacology</i> , 2020, 173, 113749.	4.4	19
39	<i>Porphyromonas gingivalis</i> triggers the shedding of inflammatory endothelial microvesicles that act as autocrine effectors of endothelial dysfunction. <i>Scientific Reports</i> , 2020, 10, 1778.	3.3	19
40	Exocrine cell-derived microparticles in response to lipopolysaccharide promote endocrine dysfunction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 219-226.	0.7	15
41	Do Atrial Differences in Endothelial Damage, Leukocyte and Platelet Activation, or Tissue Factor Activity Contribute to Chamber-specific Thrombogenic Status in Patients with Atrial Fibrillation?. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 266-270.	1.7	14
42	Lipid Emulsions Differentially Affect LPS-Induced Acute Monocytes Inflammation: In Vitro Effects on Membrane Remodeling and Cell Viability. <i>Lipids</i> , 2014, 49, 1091-1099.	1.7	12
43	Medium-chain Triglyceride Supplementation Exacerbates Peritonitis-Induced Septic Shock in Rats. <i>Shock</i> , 2014, 42, 548-553.	2.1	11
44	An Intravenous Bolus of Epa. <i>Shock</i> , 2016, 46, 549-556.	2.1	11
45	Radiofrequency Catheter Ablation of Atrial Flutter Induces the Release of Platelet and Leukocyte-Derived Procoagulant Microparticles and a Prothrombotic State. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009, 32, 193-200.	1.2	10
46	Significance of membrane microparticles in solid graft and cellular transplantation. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2499.	3.0	10
47	Endothelial microparticles released by activated protein C protect beta cells through EPCR/PAR1 and annexin A1/FPR2 pathways in islets. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2759-2772.	3.6	9
48	Septic shock as a trigger of arterial stress-induced premature senescence: A new pathway involved in the post sepsis long-term cardiovascular complications. <i>Vascular Pharmacology</i> , 2021, 141, 106922.	2.1	9
49	Significance of neutrophil microparticles in ischaemia-reperfusion: Pro-inflammatory effectors of endothelial senescence and vascular dysfunction. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7266-7281.	3.6	8
50	Epithelial-mesenchymal transition and membrane microparticles: Potential implications for bronchiolitis obliterans syndrome after lung transplantation. <i>Transplant Immunology</i> , 2020, 59, 101273.	1.2	3
51	An ABC for Scott syndrome?. <i>Blood</i> , 2005, 106, 396-397.	1.4	2
52	Microparticles: A new insight into lung primary graft dysfunction?. <i>Human Immunology</i> , 2016, 77, 1101-1107.	2.4	2
53	Assessment of plasma microvesicles to monitor pancreatic islet graft dysfunction: Beta cell- and leukocyte-derived microvesicles as specific features in a pilot longitudinal study. <i>American Journal of Transplantation</i> , 2020, 20, 40-51.	4.7	2
54	In Vitro Impact of Pro-Senescent Endothelial Microvesicles on Isolated Pancreatic Rat Islets Function. <i>Transplantation Proceedings</i> , 2021, 53, 1736-1743.	0.6	0