Jaroslav G Vostal

List of Publications by Year
in descending order

34 papers	531 citations	623734 14 h-index	642732 23 g-index
37 all docs	37 docs citations	37 times ranked	509 citing authors

#	Article	IF	Citations
1	P38 mitogen activated protein kinase inhibitor improves platelet in vitro parameters and in vivo survival in a SCID mouse model of transfusion for platelets stored at cold or temperature cycled conditions for 14 days. PLoS ONE, 2021, 16, e0250120.	2.5	5
2	Viral reduction of human blood by ultraviolet Aâ€photosensitized vitamin K5. Journal of Medical Virology, 2021, 93, 5134-5140.	5.0	0
3	Synergistic bactericidal effects of pairs of photosensitizer molecules activated by ultraviolet A light against bacteria in plasma. Transfusion, 2021, 61, 594-602.	1.6	4
4	Validation of a <scp>SCID</scp> mouse model for transfusion by concurrent comparison of circulation kinetics of human platelets, stored under various temperature conditions, between human volunteers and mice. Transfusion, 2020, 60, 2379-2388.	1.6	6
5	Inactivation of bacteria in plasma by photosensitizers benzophenone and vitamins K3, B1 and B6 with UV A light irradiation. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101713.	2.6	5
6	Macrophage Depletion Mitigates Platelet Aggregate Formation in Splenic Marginal Zone and Alleviates LPS-Associated Thrombocytopenia in Rats. Frontiers in Medicine, 2019, 6, 300.	2.6	11
7	Vitamin K5 is an efficient photosensitizer for ultraviolet A light inactivation of bacteria. FEMS Microbiology Letters, 2018, 365, .	1.8	8
8	Temperature cycling during platelet cold storage improves in vivo recovery and survival in healthy volunteers. Transfusion, 2018, 58, 25-33.	1.6	22
9	Automated cold temperature cycling improves in vitro platelet properties and in vivo recovery in a mouse model compared to continuous cold storage. Transfusion, 2016, 56, 24-32.	1.6	23
10	Evaluation of Stem Cell-Derived Red Blood Cells as a Transfusion Product Using a Novel Animal Model. PLoS ONE, 2016, 11, e0166657.	2.5	13
11	Expression of the cellular prion protein affects posttransfusion recovery and survival of red blood cells in mice. Transfusion, 2015, 55, 2590-2596.	1.6	2
12	Human platelets pathogen reduced with riboflavin and ultraviolet light do not cause acute lung injury in a twoâ€event <scp>SCID</scp> mouse model. Transfusion, 2014, 54, 74-85.	1.6	12
13	Inactivation of bacteria via photosensitization of vitamin K3 by UV-A light. FEMS Microbiology Letters, 2014, 358, 98-105.	1.8	19
14	Activation of platelet protein kinase C by ultraviolet light B mediates platelet transfusionâ€"related acute lung injury in a twoâ€event animal model. Transfusion, 2013, 53, 722-731.	1.6	15
15	Temperature cycling improves in vivo recovery of coldâ€stored human platelets in a mouse model of transfusion. Transfusion, 2013, 53, 1178-1186.	1.6	14
16	FDA contributions to reduction of bacterial contamination in platelet products within the United States. Transfusion, 2013, 53, 232-233.	1.6	1
17	In Vitro and In Vivo Characterization of Ultraviolet Light C-Irradiated Human Platelets in a 2 Event Mouse Model of Transfusion. PLoS ONE, 2013, 8, e79869.	2.5	6
18	Host Platelets and, in Part, Neutrophils Mediate Lung Accumulation of Transfused UVB-Irradiated Human Platelets in a Mouse Model of Acute Lung Injury. PLoS ONE, 2012, 7, e44829.	2.5	10

#	Article	IF	Citations
19	Ultraviolet B lightâ€“exposed human platelets mediate acute lung injury in a twoâ€event mouse model of transfusion. Transfusion, 2011, 51, 2343-2357.	1.6	32
20	Current and Future Cellular Transfusion Products. Clinics in Laboratory Medicine, 2010, 30, 443-452.	1.4	10
21	In vivo recovery of human platelets in severe combined immunodeficient mice as a measure of platelet damage. Transfusion, 2007, 47, 1540-1549.	1.6	22
22	Comparison of UVA and UVB Induced Lesions in Human Platelets Evaluated in an Animal Model.. Blood, 2007, 110, 2883-2883.	1.4	3
23	Efficacy Evaluation of Current and Future Platelet Transfusion Products. Journal of Trauma, 2006, 60, S78-S82.	2.3	21
24	Detection of UV Induced Damage to Human Platelets by an In Vivo Animal Model.. Blood, 2006, 108, 582-582.	1.4	0
25	A Novel Animal Model for Detecting Damage to Human Platelet Transfusion Products: In Vivo Recovery and Survival in Severe Combined Immunodeficient Mice.. Blood, 2005, 106, 1891-1891.	1.4	0
26	Platelet Cellular Prion Protein (PRPC) Is Associated with alpha Granules.. Blood, 2004, 104, 3882-3882.	1.4	0
27	Cold temperatures reduce the sensitivity of stored platelets to disaggregating agents. Platelets, 2002, 13, 11-20.	2.3	21
28	Biological action of nitric oxide donor compounds on platelets from patients with sickle cell disease. British Journal of Haematology, 2001, 112, 1048-1054.	2.5	25
29	Different levels of prion protein (PrPc) expression on hamster, mouse and human blood cells. British Journal of Haematology, 2000, 110, 472-480.	2.5	71
30	Increased expression of phosphatidylinositol-specific phospholipase C resistant prion proteins on the surface of activated platelets. British Journal of Haematology, 1998, 103, 276-282.	2.5	44
31	Hemoglobin Aoand Î±-Crosslinked Hemoglobin (Î±-DBBF) Potentiate Agonist-Induced Platelet Aggregation Through the Platelet Thromboxane Receptor. Artificial Cells, Blood Substitutes, and Biotechnology, 1998, 26, 1-16.	0.9	10
32	Liquid cold storage of platelets: A revitalized possible alternative for limiting bacterial contamination of platelet products. Transfusion Medicine Reviews, 1997, 11, 286-295.	2.0	33
33	Liquid cold storage of platelets: A revitalized possible alternative for limiting bacterial contamination of platelet products. Transfusion Medicine Reviews, 1997, 11, 286-295.	2.0	25
34	Prothrombin plasma clearance is not mediated by hepatic asialoglycoprotein receptors. Thrombosis Research, 1991, 63, 299-309.	1.7	12