

Alice Assinger

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

3,260
citations

201385

27
h-index

161609

54
g-index

90
all docs

90
docs citations

90
times ranked

5393
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Type-Specific Roles of NF- κ B Linking Inflammation and Thrombosis. <i>Frontiers in Immunology</i> , 2019, 10, 85.	2.2	376
2	Platelets and Infection – An Emerging Role of Platelets in Viral Infection. <i>Frontiers in Immunology</i> , 2014, 5, 649.	2.2	306
3	Platelet Interaction with Innate Immune Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2016, 43, 78-88.	0.7	190
4	Platelets in Sepsis: An Update on Experimental Models and Clinical Data. <i>Frontiers in Immunology</i> , 2019, 10, 1687.	2.2	159
5	Platelets Mediate Oxidized Low-Density Lipoprotein-Induced Monocyte Extravasation and Foam Cell Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 571-580.	1.1	133
6	Aspirin and P2Y12 Inhibitors in platelet-mediated activation of neutrophils and monocytes. <i>Thrombosis and Haemostasis</i> , 2015, 114, 478-789.	1.8	116
7	VWF excess and ADAMTS13 deficiency: a unifying pathomechanism linking inflammation to thrombosis in DIC, malaria, and TTP. <i>Thrombosis and Haemostasis</i> , 2015, 113, 708-718.	1.8	113
8	Measuring and interpreting platelet-leukocyte aggregates. <i>Platelets</i> , 2018, 29, 677-685.	1.1	112
9	Evidence for serotonin as a relevant inducer of liver regeneration after liver resection in humans. <i>Hepatology</i> , 2014, 60, 257-266.	3.6	91
10	Platelet-leukocyte interplay during vascular disease. <i>Atherosclerosis</i> , 2020, 307, 109-120.	0.4	91
11	Human Cytomegalovirus-Platelet Interaction Triggers Toll-Like Receptor 2-Dependent Proinflammatory and Proangiogenic Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 801-809.	1.1	85
12	Smoking alters circulating plasma microvesicle pattern and microRNA signatures. <i>Thrombosis and Haemostasis</i> , 2014, 112, 128-136.	1.8	82
13	Inhibition of indoleamine 2,3-dioxygenase promotes vascular inflammation and increases atherosclerosis in ApoE ^{-/-} mice. <i>Cardiovascular Research</i> , 2015, 106, 295-302.	1.8	77
14	The profile of platelet α -granule released molecules affects postoperative liver regeneration. <i>Hepatology</i> , 2016, 63, 1675-1688.	3.6	67
15	Sustained PI3K Activation exacerbates BLM-induced Lung Fibrosis via activation of pro-inflammatory and pro-fibrotic pathways. <i>Scientific Reports</i> , 2016, 6, 23034.	1.6	63
16	Platelet-Leukocyte Interplay in Cancer Development and Progression. <i>Cells</i> , 2020, 9, 855.	1.8	63
17	High Prevalence of Human Cytomegalovirus in Brain Metastases of Patients with Primary Breast and Colorectal Cancers. <i>Translational Oncology</i> , 2014, 7, 732-740.	1.7	62
18	Human Cytomegalovirus (HCMV) induces Human Endogenous Retrovirus (HERV) transcription. <i>Retrovirology</i> , 2013, 10, 132.	0.9	54

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19	Optimized plasma preparation is essential to monitor platelet-stored molecules in humans. <i>PLoS ONE</i> , 2017, 12, e0188921.	1.1	52
20	Serum levels of 25-hydroxyvitamin D are associated with periodontal disease. <i>Clinical Oral Investigations</i> , 2017, 21, 1553-1558.	1.4	50
21	Bivalent role of intra-platelet serotonin in liver regeneration and tumor recurrence in humans. <i>Journal of Hepatology</i> , 2017, 67, 1243-1252.	1.8	43
22	Specific binding of hypochlorite-oxidized HDL to platelet CD36 triggers proinflammatory and procoagulant effects. <i>Atherosclerosis</i> , 2010, 212, 153-160.	0.4	37
23	Periodontopathogens induce expression of CD40L on human platelets via TLR2 and TLR4. <i>Thrombosis Research</i> , 2012, 130, e73-e78.	0.8	35
24	Decreased platelet reactivity in patients with cancer is associated with high risk of venous thromboembolism and poor prognosis. <i>Thrombosis and Haemostasis</i> , 2017, 117, 90-98.	1.8	34
25	Predicting Postoperative Liver Dysfunction Based on Blood-Derived MicroRNA Signatures. <i>Hepatology</i> , 2019, 69, 2636-2651.	3.6	33
26	Oxidation by hypochlorite converts protective HDL into a potent platelet agonist. <i>FEBS Letters</i> , 2008, 582, 778-784.	1.3	32
27	Periodontopathogens induce soluble P-selectin release by endothelial cells and platelets. <i>Thrombosis Research</i> , 2011, 127, e20-e26.	0.8	30
28	Platelets directly enhance neutrophil transmigration in response to oxidised low-density lipoprotein. <i>Thrombosis and Haemostasis</i> , 2012, 108, 719-729.	1.8	26
29	Discordant humoral and cellular immune responses to <i>Cytomegalovirus</i> (CMV) in glioblastoma patients whose tumors are positive for CMV. <i>Oncolmmunology</i> , 2015, 4, e982391.	2.1	26
30	Platelet activation at the onset of human endotoxemia is undetectable <i>in vivo</i> . <i>Platelets</i> , 2016, 27, 479-483.	1.1	26
31	Hypochlorite-oxidized LDL induces intraplatelet ROS formation and surface exposure of CD40L – A prominent role of CD36. <i>Atherosclerosis</i> , 2010, 213, 129-134.	0.4	24
32	A Novel, Rapid Method to Quantify Intraplatelet Calcium Dynamics by Ratiometric Flow Cytometry. <i>PLoS ONE</i> , 2015, 10, e0122527.	1.1	23
33	Adverse Outcome in COVID-19 Is Associated With an Aggravating Hypo-Responsive Platelet Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795624.	1.1	23
34	Native High Density Lipoproteins (HDL) Interfere with Platelet Activation Induced by Oxidized Low Density Lipoproteins (OxLDL). <i>International Journal of Molecular Sciences</i> , 2013, 14, 10107-10121.	1.8	22
35	Low-molecular-weight heparin use in coronavirus disease 2019 is associated with curtailed viral persistence: a retrospective multicentre observational study. <i>Cardiovascular Research</i> , 2021, 117, 2807-2820.	1.8	21
36	Till Death Do Us Part – The Multifaceted Role of Platelets in Liver Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3113.	1.8	21

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37	Natural IgM antibodies inhibit microvesicle-driven coagulation and thrombosis. <i>Blood</i> , 2021, 137, 1406-1415.	0.6	21
38	Platelet Phenotype Analysis of COVID-19 Patients Reveals Progressive Changes in the Activation of Integrin α IIb β 3, F13A1, the SARS-CoV-2 Target EIF4A1 and Annexin A5. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 779073.	1.1	21
39	Comparison of patient intake of ticagrelor, prasugrel, or clopidogrel on restoring platelet function by donor platelets. <i>Transfusion</i> , 2015, 55, 1320-1326.	0.8	20
40	Neutrophil-Mediated Proteolysis of Thrombospondin-1 Promotes Platelet Adhesion and String Formation. <i>Thrombosis and Haemostasis</i> , 2018, 118, 2074-2085.	1.8	20
41	Impact of Anticoagulation and Sample Processing on the Quantification of Human Blood-Derived microRNA Signatures. <i>Cells</i> , 2020, 9, 1915.	1.8	20
42	Altered platelet proteome in lupus anticoagulant (LA)-positive patients' protein disulfide isomerase and NETosis as new players in LA-related thrombosis. <i>Experimental and Molecular Medicine</i> , 2020, 52, 66-78.	3.2	17
43	High prevalence of human cytomegalovirus in carotid atherosclerotic plaques obtained from Russian patients undergoing carotid endarterectomy. <i>Herpesviridae</i> , 2013, 4, 3.	2.7	16
44	Importance of platelet-derived growth factors in liver regeneration. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016, 10, 557-559.	1.4	16
45	Platelet PI3K Modulates Innate Leukocyte Extravasation during Acid-Induced Acute Lung Inflammation. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1642-1654.	1.8	16
46	Loss of bile salt export pump aggravates lipopolysaccharide-induced liver injury in mice due to impaired hepatic endotoxin clearance. <i>Hepatology</i> , 2022, 75, 1095-1109.	3.6	15
47	Periodontal treatment limits platelet activation in patients with periodontitis: a controlled-randomized intervention trial. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1090-1097.	2.3	14
48	Platelets in Viral Infections – "Brave Soldiers or Trojan Horses". <i>Frontiers in Immunology</i> , 2022, 13, 856713.	2.2	14
49	Human cytomegalovirus induces upregulation of arginase II: possible implications for vasculopathies. <i>Basic Research in Cardiology</i> , 2014, 109, 401.	2.5	13
50	Consequences of Perioperative Serotonin Reuptake Inhibitor Treatment During Hepatic Surgery. <i>Hepatology</i> , 2021, 73, 1956-1966.	3.6	13
51	Deficiency in Thrombopoietin Induction after Liver Surgery Is Associated with Postoperative Liver Dysfunction. <i>PLoS ONE</i> , 2015, 10, e0116985.	1.1	12
52	Comprehensive Characterization of Platelet-Enriched MicroRNAs as Biomarkers of Platelet Activation. <i>Cells</i> , 2022, 11, 1254.	1.8	12
53	Correlation between Cardiorespiratory Fitness and Platelet Function in Healthy Women. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1101-1110.	0.2	11
54	Effects of high-intensity interval training on platelet function in cardiac rehabilitation: a randomised controlled trial. <i>Heart</i> , 2020, 106, 69-79.	1.2	11

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55	Brief High Oxygen Concentration Induces Oxidative Stress in Leukocytes and Platelets: A Randomized Cross-over Pilot Study in Healthy Male Volunteers. <i>Shock</i> , 2021, 56, 384-395.	1.0	11
56	Horizontal MicroRNA Transfer by Platelets – Evidence and Implications. <i>Frontiers in Physiology</i> , 2021, 12, 678362.	1.3	11
57	Decreased VASP phosphorylation in platelets of male and female smokers of young age. <i>Platelets</i> , 2010, 21, 596-603.	1.1	10
58	Decreased phosphorylation of platelet vasodilator-stimulated phosphoprotein in periodontitis – a role of periodontal pathogens. <i>Thrombosis Research</i> , 2011, 128, 155-160.	0.8	10
59	An abundant, truncated human sulfonylurea receptor 1 splice variant has prodiabetic properties and impairs sulfonylurea action. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 129-148.	2.4	10
60	Apolipoprotein B100 danger-associated signal 1 (ApoBDS-1) triggers platelet activation and boosts platelet-leukocyte proinflammatory responses. <i>Thrombosis and Haemostasis</i> , 2014, 112, 332-341.	1.8	10
61	Age Related Differences in Monocyte Subsets and Cytokine Pattern during Acute COVID-19 – A Prospective Observational Longitudinal Study. <i>Cells</i> , 2021, 10, 3373.	1.8	10
62	Ilk2-mediated inflammatory activation of arterial endothelial cells promotes the development and progression of atherosclerosis. <i>Atherosclerosis</i> , 2020, 307, 21-31.	0.4	9
63	Genetic platelet depletion is superior in platelet transfusion compared to current models. <i>Haematologica</i> , 2020, 105, 1738-1749.	1.7	9
64	Routine haematological parameters in COVID-19 prognosis. <i>Lancet Haematology</i> , 2020, 7, e709.	2.2	8
65	Protein C Inhibitor (PCI) Binds to Phosphatidylserine Exposing Cells with Implications in the Phagocytosis of Apoptotic Cells and Activated Platelets. <i>PLoS ONE</i> , 2014, 9, e101794.	1.1	8
66	A Model Predicting Mortality of Hospitalized Covid-19 Patients Four Days After Admission: Development, Internal and Temporal-External Validation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 795026.	1.8	8
67	Human Cytomegalovirus Up-Regulates Endothelin Receptor Type B: Implication for Vasculopathies?. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv155.	0.4	7
68	Platelets mediate serological memory to neutralize viruses in vitro and in vivo. <i>Blood Advances</i> , 2020, 4, 3971-3976.	2.5	7
69	Platelets and Antiplatelet Medication in COVID-19-Related Thrombotic Complications. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 802566.	1.1	7
70	Periodontal treatment does not result in detectable platelet activation in vivo. <i>Clinical Oral Investigations</i> , 2020, 24, 1853-1859.	1.4	5
71	Immunological Aspects of AXL/GAS6 in the Context of Human Liver Regeneration. <i>Hepatology Communications</i> , 2022, 6, 576-592.	2.0	5
72	Human Cytomegalovirus Reduces Endothelin-1 Expression in Both Endothelial and Vascular Smooth Muscle Cells. <i>Microorganisms</i> , 2021, 9, 1137.	1.6	4

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73	Reply. Hepatology, 2016, 64, 992-993.	3.6	3
74	Reply. Hepatology, 2019, 70, 1082-1083.	3.6	3
75	Platelet Activation Is Not Always Associated With Platelet-Related Plasma microRNA Abundance â€“ Results From a Randomized Controlled Trial of Periodontal Patients. Frontiers in Physiology, 2021, 12, 613515.	1.3	3
76	Adipose Triglyceride Lipase Deficiency Attenuates In Vitro Thrombus Formation without Affecting Platelet Activation and Bleeding In Vivo. Cells, 2022, 11, 850.	1.8	3
77	Liver surgery for metastatic colorectal cancer: the surgical oncologist perspective. Colorectal Cancer, 2016, 5, 115-125.	0.8	2
78	COVIDâ€“19â€“related prothrombotic changes increase with lung injury and remain unaffected by anticoagulation therapy. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 11-13.	1.0	2
79	Genetic platelet depletion is superior in platelet transfusion compared to current models. Haematologica, 2020, 105, 2698-2698.	1.7	2
80	Plateletâ€“stimulating effects of oxidized LDL are not attributable to toxic properties of the lipoproteins. Thrombosis Research, 2008, 122, 630-639.	0.8	1
81	Mechanisms of Hemostasis: Contributions of Platelets, Coagulation Factors, and the Vessel Wall. Learning Materials in Biosciences, 2019, , 145-169.	0.2	1
82	Î² kinase 2 is not essential for platelet activation. Blood Advances, 2020, 4, 638-643.	2.5	1
83	Platelet FcÎ³RIIA signaling: new clues for HIT. Blood, 2015, 126, 2777-2778.	0.6	0
84	Reply:. Hepatology, 2019, 70, 1086-1088.	3.6	0
85	Plateletsâ€“Disarmed guardians in the fight against the plague. Journal of Thrombosis and Haemostasis, 2020, 18, 3169-3171.	1.9	0
86	A not so lonesome kinase secreted by platelets. Blood, 2022, 139, 8-9.	0.6	0