

Simone M Schoenwaelder

List of Publications by Year in descending order

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56
papers

5,871
citations

76326

40
h-index

149698

56
g-index

56
all docs

56
docs citations

56
times ranked

7104
citing authors

#	ARTICLE	IF	CITATIONS
1	Agitation-dependent biomechanical forces modulate GPIIb/IIIa receptor expression and platelet adhesion capacity during storage. <i>Thrombosis Journal</i> , 2022, 20, 3.	2.1	6
2	Microfluidic post method for 3-dimensional modeling of platelet-leukocyte interactions. <i>Analyst</i> , 2022, 147, 1222-1235.	3.5	7
3	Development of a carotid artery thrombolysis stroke model in mice. <i>Blood Advances</i> , 2022, 6, 5449-5462.	5.2	3
4	Thromboinflammation: challenges of therapeutically targeting coagulation and other host defense mechanisms. <i>Blood</i> , 2019, 133, 906-918.	1.4	408
5	Compression force sensing regulates integrin α IIb β 3 adhesive function on diabetic platelets. <i>Nature Communications</i> , 2018, 9, 1087.	12.8	39
6	Intrinsic apoptosis circumvents the functional decline of circulating platelets but does not cause the storage lesion. <i>Blood</i> , 2018, 132, 197-209.	1.4	19
7	Neutrophil macroaggregates promote widespread pulmonary thrombosis after gut ischemia. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	56
8	Endogenous fibrinolysis facilitates clot retraction in vivo. <i>Blood</i> , 2017, 130, 2453-2462.	1.4	56
9	14-3-3 η regulates the mitochondrial respiratory reserve linked to platelet phosphatidylserine exposure and procoagulant function. <i>Nature Communications</i> , 2016, 7, 12862.	12.8	49
10	Physicochemical properties that control protein aggregation also determine whether a protein is retained or released from necrotic cells. <i>Open Biology</i> , 2016, 6, 160098.	3.6	7
11	Discovery and antiplatelet activity of a selective PI3K β inhibitor (MIPS-9922). <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 339-351.	5.5	31
12	MouseMove: an open source program for semi-automated analysis of movement and cognitive testing in rodents. <i>Scientific Reports</i> , 2015, 5, 16171.	3.3	61
13	The class II PI 3-kinase, PI3KC2 β , links platelet internal membrane structure to shear-dependent adhesive function. <i>Nature Communications</i> , 2015, 6, 6535.	12.8	67
14	Thrombin-dependent intravascular leukocyte trafficking regulated by fibrin and the platelet receptors GPIIb/IIIa and PAR4. <i>Nature Communications</i> , 2015, 6, 7835.	12.8	64
15	Dok-2 Adaptor Protein Regulates the Shear-dependent Adhesive Function of Platelet Integrin α IIb β 3 in Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 5051-5060.	3.4	12
16	The CXCR1/2 ligand NAP-2 promotes directed intravascular leukocyte migration through platelet thrombi. <i>Blood</i> , 2013, 121, 4555-4566.	1.4	113
17	Low adhesion receptor levels on circulating platelets in patients with lymphoproliferative diseases before receiving Navitoclax (ABT-263). <i>Blood</i> , 2013, 121, 1479-1481.	1.4	20
18	Bcl-xL β -inhibitory BH3 mimetics (ABT-737 or ABT-263) and the modulation of cytosolic calcium flux and platelet function. <i>Blood</i> , 2012, 119, 1320-1321.	1.4	28

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19	Caspase-9 mediates the apoptotic death of megakaryocytes and platelets, but is dispensable for their generation and function. <i>Blood</i> , 2012, 119, 4283-4290.	1.4	70
20	A Live Cell Micro-imaging Technique to Examine Platelet Calcium Signaling Dynamics Under Blood Flow. <i>Methods in Molecular Biology</i> , 2012, 788, 73-89.	0.9	9
21	Phosphatidylinositol(4,5)bisphosphate coordinates actin-mediated mobilization and translocation of secretory vesicles to the plasma membrane of chromaffin cells. <i>Nature Communications</i> , 2011, 2, 491.	12.8	72
22	Bcl-xL inhibitory BH3 mimetics can induce a transient thrombocytopenia that undermines the hemostatic function of platelets. <i>Blood</i> , 2011, 118, 1663-1674.	1.4	262
23	The catalytic class IA PI3K isoforms play divergent roles in breast cancer cell migration. <i>Cellular Signalling</i> , 2011, 23, 529-541.	3.6	10
24	A Sensitized RNA Interference Screen Identifies a Novel Role for the PI3K p110 β Isoform in Medulloblastoma Cell Proliferation and Chemoresistance. <i>Molecular Cancer Research</i> , 2011, 9, 925-935.	3.4	56
25	Role of phosphoinositide 3-kinase β in platelet aggregation and thromboxane A2 generation mediated by Gi signalling pathways. <i>Biochemical Journal</i> , 2010, 429, 369-377.	3.7	87
26	Procoagulant platelets: are they necrotic?. <i>Blood</i> , 2010, 116, 2011-2018.	1.4	138
27	Phosphoinositide 3-Kinase p110 β Regulates Integrin α IIb β 3 Avidity and the Cellular Transmission of Contractile Forces. <i>Journal of Biological Chemistry</i> , 2010, 285, 2886-2896.	3.4	69
28	PI 3-Kinase p110 β Regulation of Platelet Integrin α IIb β 3. <i>Current Topics in Microbiology and Immunology</i> , 2010, 346, 203-224.	1.1	13
29	Non-redundant Roles of Phosphoinositide 3-Kinase Isoforms β and δ in Glycoprotein VI-induced Platelet Signaling and Thrombus Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 33750-33762.	3.4	110
30	Reconstituted High-Density Lipoprotein Attenuates Platelet Function in Individuals With Type 2 Diabetes Mellitus by Promoting Cholesterol Efflux. <i>Circulation</i> , 2009, 120, 2095-2104.	1.6	167
31	New insights into the haemostatic function of platelets. <i>British Journal of Haematology</i> , 2009, 147, 415-430.	2.5	81
32	Two distinct pathways regulate platelet phosphatidylserine exposure and procoagulant function. <i>Blood</i> , 2009, 114, 663-666.	1.4	274
33	Dual P2Y ₁₂ receptor signaling in thrombin-stimulated platelets involves involvement of phosphoinositide 3-kinase β but not δ isoform in Ca ²⁺ mobilization and procoagulant activity. <i>FEBS Journal</i> , 2008, 275, 371-385.		43
34	Overlapping and distinct roles for PI3K β and δ isoforms in S1P-induced migration of human and mouse endothelial cells. <i>Cardiovascular Research</i> , 2008, 80, 96-105.	3.8	45
35	Targeting the PI3K p110 β Isoform Inhibits Medulloblastoma Proliferation, Chemoresistance, and Migration. <i>Clinical Cancer Research</i> , 2008, 14, 6761-6769.	7.0	73
36	Identification of a fibrin-independent platelet contractile mechanism regulating primary hemostasis and thrombus growth. <i>Blood</i> , 2008, 112, 90-99.	1.4	123

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37	Selective inhibition of the platelet phosphoinositide 3-kinase p110 β as promising new strategy for platelet protection during extracorporeal circulation. <i>Thrombosis and Haemostasis</i> , 2008, 99, 609-615.	3.4	31
38	Identification of a Unique Co-operative Phosphoinositide 3-Kinase Signaling Mechanism Regulating Integrin α IIb β 3 Adhesive Function in Platelets. <i>Journal of Biological Chemistry</i> , 2007, 282, 28648-28658.	3.4	78
39	Novel role for insulin as an autocrine growth factor for malignant brain tumour cells. <i>Biochemical Journal</i> , 2007, 406, 57-66.	3.7	47
40	Thrombin overcomes the thrombosis defect associated with platelet GPVI/Fc γ R3 deficiency. <i>Blood</i> , 2006, 107, 4346-4353.	1.4	134
41	A critical role for the transcription factor Scl in platelet production during stress thrombopoiesis. <i>Blood</i> , 2006, 108, 2248-2256.	1.4	36
42	PI 3-kinase p110 β : a new target for antithrombotic therapy. <i>Nature Medicine</i> , 2005, 11, 507-514.	30.7	555
43	Rap1b is required for normal platelet function and hemostasis in mice. <i>Journal of Clinical Investigation</i> , 2005, 115, 680-687.	8.2	266
44	Antiplatelet therapy: in search of the 'magic bullet'. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 775-789.	46.4	178
45	Integrin α IIb β 3-dependent Calcium Signals Regulate Platelet-Fibrinogen Interactions under Flow. <i>Journal of Biological Chemistry</i> , 2003, 278, 34812-34822.	3.4	73
46	RhoA Sustains Integrin α IIb β 3 Adhesion Contacts under High Shear. <i>Journal of Biological Chemistry</i> , 2002, 277, 14738-14746.	3.4	59
47	Ephrin-A5 induces rounding, blebbing and de-adhesion of EphA3-expressing 293T and melanoma cells by CrkII and Rho-mediated signalling. <i>Journal of Cell Science</i> , 2002, 115, 1059-1072.	2.0	154
48	Ephrin-A5 induces rounding, blebbing and de-adhesion of EphA3-expressing 293T and melanoma cells by CrkII and Rho-mediated signalling. <i>Journal of Cell Science</i> , 2002, 115, 1059-72.	2.0	128
49	The protein tyrosine phosphatase Shp-2 regulates RhoA activity. <i>Current Biology</i> , 2000, 10, 1523-1526.	3.9	130
50	Evidence for a Calpeptin-sensitive Protein-tyrosine Phosphatase Upstream of the Small GTPase Rho. <i>Journal of Biological Chemistry</i> , 1999, 274, 14359-14367.	3.4	100
51	Bidirectional signaling between the cytoskeleton and integrins. <i>Current Opinion in Cell Biology</i> , 1999, 11, 274-286.	5.4	715
52	Calpain Cleavage of Focal Adhesion Proteins Regulates the Cytoskeletal Attachment of Integrin α IIb β 3 (Platelet Glycoprotein IIb/IIIa) and the Cellular Retraction of Fibrin Clots. <i>Journal of Biological Chemistry</i> , 1997, 272, 1694-1702.	3.4	120
53	Distinct Substrate Specificities and Functional Roles for the 78- and 76-kDa Forms of γ -Calpain in Human Platelets. <i>Journal of Biological Chemistry</i> , 1997, 272, 24876-24884.	3.4	57
54	The Bioactive Phospholipid, Lysophosphatidylcholine, Induces Cellular Effects via G-Protein-dependent Activation of Adenylyl Cyclase. <i>Journal of Biological Chemistry</i> , 1996, 271, 27090-27098.	3.4	83

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55	Focal adhesion kinase (pp125FAK) cleavage and regulation by calpain. <i>Biochemical Journal</i> , 1996, 318, 41-47.	3.7	170
56	Role of the platelet integrin glycoprotein IIb-IIIa in intracellular signalling. <i>Thrombosis Research</i> , 1993, 71, 159-168.	1.7	9