

Stephen P Watson

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425
papers

22,896
citations

84
h-index

131
g-index

469
ext. papers

25,336
ext. citations

5.3
avg, IF

6.86
L-index

#	Paper	IF	Citations
425	Platelet-collagen interaction: is GPVI the central receptor?. <i>Blood</i> , 2003 , 102, 449-61	2.2	860
424	RECAP--retrosynthetic combinatorial analysis procedure: a powerful new technique for identifying privileged molecular fragments with useful applications in combinatorial chemistry. <i>Journal of Chemical Information and Computer Sciences</i> , 1998 , 38, 511-22		520
423	A novel Syk-dependent mechanism of platelet activation by the C-type lectin receptor CLEC-2. <i>Blood</i> , 2006 , 107, 542-9	2.2	386
422	p38 mitogen-activated protein kinase phosphorylates cytosolic phospholipase A2 (cPLA2) in thrombin-stimulated platelets. Evidence that proline-directed phosphorylation is not required for mobilization of arachidonic acid by cPLA2. <i>Journal of Biological Chemistry</i> , 1996 , 271, 27723-9	5.4	363
421	The Fc receptor gamma-chain and the tyrosine kinase Syk are essential for activation of mouse platelets by collagen. <i>EMBO Journal</i> , 1997 , 16, 2333-41	13	362
420	Tachykinin receptor types: Classification and membrane signalling mechanisms. <i>Neurochemistry International</i> , 1991 , 18, 149-65	4.4	332
419	GPVI and integrin alphaIIb beta3 signaling in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2005 , 3, 1752-62	15.4	327
418	cGMP mobilizes intracellular Ca ²⁺ in sea urchin eggs by stimulating cyclic ADP-ribose synthesis. <i>Nature</i> , 1993 , 365, 456-9	50.4	320
417	Recommendations for the Standardization of Light Transmission Aggregometry: A Consensus of the Working Party from the Platelet Physiology Subcommittee of SSC/ISTH. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1183	15.4	305
416	A review of inherited platelet disorders with guidelines for their management on behalf of the UKHCDO. <i>British Journal of Haematology</i> , 2006 , 135, 603-33	4.5	285
415	Glycoprotein VI is the collagen receptor in platelets which underlies tyrosine phosphorylation of the Fc receptor gamma-chain. <i>FEBS Letters</i> , 1997 , 413, 255-9	3.8	229
414	Direct inhibition of cyclooxygenase-1 and -2 by the kinase inhibitors SB 203580 and PD 98059. SB 203580 also inhibits thromboxane synthase. <i>Journal of Biological Chemistry</i> , 1998 , 273, 28766-72	5.4	213
413	Integrin alpha2beta1 mediates outside-in regulation of platelet spreading on collagen through activation of Src kinases and PLCgamma2. <i>Journal of Cell Biology</i> , 2003 , 160, 769-80	7.3	207
412	A role for Bruton's tyrosine kinase (Btk) in platelet activation by collagen. <i>Current Biology</i> , 1998 , 8, 1137-40	4.9	202
411	1,2-Diacylglycerol and phorbol ester inhibit agonist-induced formation of inositol phosphates in human platelets: possible implications for negative feedback regulation of inositol phospholipid hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 2122-6	11.5	202
410	Platelets and the innate immune system: mechanisms of bacterial-induced platelet activation. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 1097-107	15.4	191
409	A Collagen-Like Peptide Stimulates Tyrosine Phosphorylation of syk and Phospholipase C α in Platelets Independent of the Integrin α IIb. <i>Blood</i> , 1997 , 89, 1235-1242	2.2	188

408	DC-SIGN and CLEC-2 mediate human immunodeficiency virus type 1 capture by platelets. <i>Journal of Virology</i> , 2006 , 80, 8951-60	6.6	186
407	Collagen receptor signalling in platelets: extending the role of the ITAM. <i>Trends in Immunology</i> , 1998 , 19, 260-4		181
406	Tyrosine phosphorylation of the Fc receptor gamma-chain in collagen-stimulated platelets. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18095-9	5.4	181
405	Serine 727 phosphorylation and activation of cytosolic phospholipase A2 by MNK1-related protein kinases. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37542-51	5.4	179
404	Towards complete analysis of the platelet proteome. <i>Proteomics</i> , 2002 , 2, 288-305	4.8	176
403	Rac1 is essential for platelet lamellipodia formation and aggregate stability under flow. <i>Journal of Biological Chemistry</i> , 2005 , 280, 39474-84	5.4	175
402	The C-type lectin receptors CLEC-2 and Dectin-1, but not DC-SIGN, signal via a novel YXXL-dependent signaling cascade. <i>Journal of Biological Chemistry</i> , 2007 , 282, 12397-409	5.4	169
401	LAT is required for tyrosine phosphorylation of phospholipase cgamma2 and platelet activation by the collagen receptor GPVI. <i>Molecular and Cellular Biology</i> , 1999 , 19, 8326-34	4.8	168
400	Laminin stimulates spreading of platelets through integrin alpha6beta1-dependent activation of GPVI. <i>Blood</i> , 2006 , 107, 1405-12	2.2	166
399	Substance P induced hydrolysis of inositol phospholipids in guinea-pig ileum and rat hypothalamus. <i>European Journal of Pharmacology</i> , 1983 , 93, 245-53	5.3	163
398	JAK2 V617F impairs hematopoietic stem cell function in a conditional knock-in mouse model of JAK2 V617F-positive essential thrombocythemia. <i>Blood</i> , 2010 , 116, 1528-38	2.2	162
397	Dual role of collagen in factor XII-dependent thrombus formation. <i>Blood</i> , 2009 , 114, 881-90	2.2	156
396	Differential proteome analysis of TRAP-activated platelets: involvement of DOK-2 and phosphorylation of RGS proteins. <i>Blood</i> , 2004 , 103, 2088-95	2.2	156
395	Extensive analysis of the human platelet proteome by two-dimensional gel electrophoresis and mass spectrometry. <i>Proteomics</i> , 2004 , 4, 656-68	4.8	154
394	GPVI and CLEC-2 in hemostasis and vascular integrity. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 1456-67	15.4	146
393	Cytosolic phospholipase A2 is phosphorylated in collagen- and thrombin-stimulated human platelets independent of protein kinase C and mitogen-activated protein kinase. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25885-92	5.4	146
392	Fibrin activates GPVI in human and mouse platelets. <i>Blood</i> , 2015 , 126, 1601-8	2.2	145
391	Dichotomous Regulation of Myosin Phosphorylation and Shape Change by Rho-Kinase and Calcium in Intact Human Platelets. <i>Blood</i> , 1999 , 94, 1665-1672	2.2	143

390	Lack of association of epidermal growth factor-, insulin-, and serum-induced mitogenesis with stimulation of phosphoinositide degradation in BALB/c 3T3 fibroblasts. <i>Journal of Biological Chemistry</i> , 1986 , 261, 723-7	5.4	136
389	Fetal hemorrhage and platelet dysfunction in SLP-76-deficient mice. <i>Journal of Clinical Investigation</i> , 1999 , 103, 19-25	15.9	136
388	Regulation of phospholipase C gamma isoforms in haematopoietic cells: why one, not the other?. <i>Cellular Signalling</i> , 2001 , 13, 691-701	4.9	132
387	Tissue selectivity of substance P alkyl esters: suggesting multiple receptors. <i>European Journal of Pharmacology</i> , 1983 , 87, 77-84	5.3	131
386	Fyn and Lyn phosphorylate the Fc receptor β chain downstream of glycoprotein VI in murine platelets, and Lyn regulates a novel feedback pathway. <i>Blood</i> , 2000 , 96, 4246-4253	2.2	130
385	Identification of the phosphorylation sites of cytosolic phospholipase A2 in agonist-stimulated human platelets and HeLa cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 4449-58	5.4	128
384	Oxytocin-stimulated phosphoinositide hydrolysis in human myometrial cells: involvement of pertussis toxin-sensitive and -insensitive G-proteins. <i>Journal of Endocrinology</i> , 1993 , 136, 497-509	4.7	127
383	Tec regulates platelet activation by GPVI in the absence of Btk. <i>Blood</i> , 2003 , 102, 3592-9	2.2	126
382	A comprehensive proteomics and genomics analysis reveals novel transmembrane proteins in human platelets and mouse megakaryocytes including G6b-B, a novel immunoreceptor tyrosine-based inhibitory motif protein. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 548-64	7.6	124
381	Association of Fyn and Lyn with the proline-rich domain of glycoprotein VI regulates intracellular signaling. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21561-6	5.4	124
380	PKCalpha regulates platelet granule secretion and thrombus formation in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 399-407	15.9	124
379	Phosphorylation and activation of cytosolic phospholipase A2 by 38-kDa mitogen-activated protein kinase in collagen-stimulated human platelets. <i>FEBS Journal</i> , 1997 , 245, 751-9		121
378	Segregation of platelet aggregatory and procoagulant microdomains in thrombus formation: regulation by transient integrin activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2484-90	9.4	120
377	A germline mutation in BLOC1S3/reduced pigmentation causes a novel variant of Hermansky-Pudlak syndrome (HPS8). <i>American Journal of Human Genetics</i> , 2006 , 78, 160-6	11	120
376	Collagen stimulates tyrosine phosphorylation of phospholipase C-gamma 2 but not phospholipase C-gamma 1 in human platelets. <i>FEBS Letters</i> , 1994 , 353, 212-6	3.8	120
375	The Role of ITAM- and ITIM-coupled Receptors in Platelet Activation by Collagen. <i>Thrombosis and Haemostasis</i> , 2001 , 86, 276-288	7	114
374	The role of platelets in the recruitment of leukocytes during vascular disease. <i>Platelets</i> , 2015 , 26, 507-20	3.6	113
373	CLEC-2 activates Syk through dimerization. <i>Blood</i> , 2010 , 115, 2947-55	2.2	113

372	Regulation of proplatelet formation and platelet release by integrin alpha IIb beta3. <i>Blood</i> , 2006 , 108, 1509-14	2.2	112
371	Functional significance of the platelet immune receptors GPVI and CLEC-2. <i>Journal of Clinical Investigation</i> , 2019 , 129, 12-23	15.9	112
370	The TspanC8 subgroup of tetraspanins interacts with A disintegrin and metalloprotease 10 (ADAM10) and regulates its maturation and cell surface expression. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39753-65	5.4	111
369	CLEC-2 and Syk in the megakaryocytic/platelet lineage are essential for development. <i>Blood</i> , 2012 , 119, 1747-56	2.2	109
368	A critical role for phospholipase Cgamma2 in alphallbbeta3-mediated platelet spreading. <i>Journal of Biological Chemistry</i> , 2003 , 278, 37520-9	5.4	106
367	A collagen-related peptide regulates phospholipase C α via phosphatidylinositol 3-kinase in human platelets. <i>Biochemical Journal</i> , 1999 , 342, 171-177	3.8	106
366	Mice with a deficiency in CLEC-2 are protected against deep vein thrombosis. <i>Blood</i> , 2017 , 129, 2013-2020	2.2	105
365	GPVI levels in platelets: relationship to platelet function at high shear. <i>Blood</i> , 2003 , 102, 2811-8	2.2	103
364	The p85 subunit of phosphatidylinositol 3-kinase associates with the Fc receptor gamma-chain and linker for activator of T cells (LAT) in platelets stimulated by collagen and convulxin. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34437-43	5.4	103
363	Amplification of bacteria-induced platelet activation is triggered by FcRIIA, integrin β b β , and platelet factor 4. <i>Blood</i> , 2014 , 123, 3166-74	2.2	101
362	Mutations in TTC37 cause trichohepatoenteric syndrome (phenotypic diarrhea of infancy). <i>Gastroenterology</i> , 2010 , 138, 2388-98, 2398.e1-2	13.3	101
361	The tyrosine phosphatase CD148 is an essential positive regulator of platelet activation and thrombosis. <i>Blood</i> , 2009 , 113, 4942-54	2.2	101
360	Cyclic ADP-ribose-induced Ca ²⁺ release from rat brain microsomes. <i>FEBS Letters</i> , 1993 , 318, 259-63	3.8	100
359	Combined in vivo depletion of glycoprotein VI and C-type lectin-like receptor 2 severely compromises hemostasis and abrogates arterial thrombosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 926-34	9.4	99
358	Collagen Receptor Signaling in Platelets and Megakaryocytes. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 365-376	7	99
357	Framing theory: towards a critical imagination in heritage studies. <i>International Journal of Heritage Studies</i> , 2013 , 19, 546-561	1.2	97
356	Platelet activation by extracellular matrix proteins in haemostasis and thrombosis. <i>Current Pharmaceutical Design</i> , 2009 , 15, 1358-72	3.3	96
355	Are the proposed substance P receptor sub-types, substance P receptors?. <i>Life Sciences</i> , 1984 , 35, 797-808	2.2	96

354	Adhesion of human and mouse platelets to collagen under shear: a unifying model. <i>FASEB Journal</i> , 2005 , 19, 825-7	0.9	95
353	Inflammation drives thrombosis after Salmonella infection via CLEC-2 on platelets. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4429-46	15.9	95
352	Differential role of glycolipid-enriched membrane domains in glycoprotein VI- and integrin-mediated phospholipase Cgamma2 regulation in platelets. <i>Biochemical Journal</i> , 2002 , 364, 755-65	2.8	93
351	Enrichment of FLI1 and RUNX1 mutations in families with excessive bleeding and platelet dense granule secretion defects. <i>Blood</i> , 2013 , 122, 4090-3	2.2	90
350	A novel interaction between FlnA and Syk regulates platelet ITAM-mediated receptor signaling and function. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1967-79	16.6	90
349	Receptor subtypes or species homologues: relevance to drug discovery. <i>Trends in Pharmacological Sciences</i> , 1993 , 14, 376-83	13.2	89
348	Whole exome sequencing identifies genetic variants in inherited thrombocytopenia with secondary qualitative function defects. <i>Haematologica</i> , 2016 , 101, 1170-1179	6.6	89
347	Renal cells activate the platelet receptor CLEC-2 through podoplanin. <i>Biochemical Journal</i> , 2008 , 411, 133-40	3.8	86
346	Platelet lipidomics: modern day perspective on lipid discovery and characterization in platelets. <i>Circulation Research</i> , 2014 , 114, 1185-203	15.7	85
345	Utility of the ISTH bleeding assessment tool in predicting platelet defects in participants with suspected inherited platelet function disorders. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1663-8	15.4	85
344	Evaluation of participants with suspected heritable platelet function disorders including recommendation and validation of a streamlined agonist panel. <i>Blood</i> , 2012 , 120, 5041-9	2.2	84
343	A global proteomics approach identifies novel phosphorylated signaling proteins in GPVI-activated platelets: involvement of G6f, a novel platelet Grb2-binding membrane adapter. <i>Proteomics</i> , 2006 , 6, 5332-43	4.8	84
342	Tyrosine phosphorylation of SLP-76 is downstream of Syk following stimulation of the collagen receptor in platelets. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5963-71	5.4	84
341	Syk-dependent phosphorylation of CLEC-2: a novel mechanism of hem-immunoreceptor tyrosine-based activation motif signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 4107-16	5.4	83
340	Murine GPVI stimulates weak integrin activation in PLCgamma2 ^{-/-} platelets: involvement of PLCgamma1 and PI3-kinase. <i>Blood</i> , 2003 , 102, 1367-73	2.2	82
339	Pharmacological analysis of [3H]-senktide binding to NK3 tachykinin receptors in guinea-pig ileum longitudinal muscle-myenteric plexus and cerebral cortex membranes. <i>British Journal of Pharmacology</i> , 1990 , 99, 767-73	8.6	82
338	CLEC-2 expression is maintained on activated platelets and on platelet microparticles. <i>Blood</i> , 2014 , 124, 2262-70	2.2	81
337	Vav1 and vav3 have critical but redundant roles in mediating platelet activation by collagen. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53955-62	5.4	81

336	Differential requirement for LAT and SLP-76 in GPVI versus T cell receptor signaling. <i>Journal of Experimental Medicine</i> , 2002 , 195, 705-17	16.6	80
335	Evidence for the involvement of p59fyn and p53/56lyn in collagen receptor signalling in human platelets. <i>Biochemical Journal</i> , 1999 , 338, 203-209	3.8	80
334	JAK2V617F leads to intrinsic changes in platelet formation and reactivity in a knock-in mouse model of essential thrombocythemia. <i>Blood</i> , 2013 , 122, 3787-97	2.2	79
333	GP1b-dependent platelet activation is dependent on Src kinases but not MAP kinase or cGMP-dependent kinase. <i>Blood</i> , 2004 , 103, 2601-9	2.2	79
332	Nitrite is a cGMP generator in isolated platelets. <i>BMC Pharmacology & Toxicology</i> , 2015 , 16,	2.6	78
331	What can proteomics tell us about platelets?. <i>Circulation Research</i> , 2014 , 114, 1204-19	15.7	76
330	Interaction of calmodulin with the cytoplasmic domain of platelet glycoprotein VI. <i>Blood</i> , 2002 , 99, 4219-21	2.1	75
329	Interaction of linker for activation of T cells with multiple adapter proteins in platelets activated by the glycoprotein VI-selective ligand, convulxin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 33427-34	5.4	75
328	Inhibition of mitogen-activated protein kinase kinase does not impair primary activation of human platelets. <i>Biochemical Journal</i> , 1996 , 318 (Pt 1), 207-12	3.8	75
327	The podoplanin-CLEC-2 axis inhibits inflammation in sepsis. <i>Nature Communications</i> , 2017 , 8, 2239	17.4	74
326	Dasatinib enhances megakaryocyte differentiation but inhibits platelet formation. <i>Blood</i> , 2011 , 117, 5198-206	2.2	74
325	Critical role for ERK1/2 in bone marrow and fetal liver-derived primary megakaryocyte differentiation, motility, and proplatelet formation. <i>Experimental Hematology</i> , 2009 , 37, 1238-1249.e5	3.1	74
324	Platelet CLEC-2 and podoplanin in cancer metastasis. <i>Thrombosis Research</i> , 2012 , 129 Suppl 1, S30-7	8.2	73
323	pH-controlled delivery of luminescent europium coated nanoparticles into platelets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1862-7	11.5	73
322	The novel Syk inhibitor R406 reveals mechanistic differences in the initiation of GPVI and CLEC-2 signaling in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2009 , 7, 1192-9	15.4	72
321	Megakaryocytes assemble podosomes that degrade matrix and protrude through basement membrane. <i>Blood</i> , 2013 , 121, 2542-52	2.2	70
320	Platelets: No longer bystanders in liver disease. <i>Hepatology</i> , 2016 , 64, 1774-1784	11.2	67
319	Constitutive dimerization of glycoprotein VI (GPVI) in resting platelets is essential for binding to collagen and activation in flowing blood. <i>Journal of Biological Chemistry</i> , 2012 , 287, 30000-13	5.4	67

318	Down-regulation of G alpha s in human myometrium in term and preterm labor: a mechanism for parturition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 79, 1835-1839	5.6	67
317	Introducing high-throughput sequencing into mainstream genetic diagnosis practice in inherited platelet disorders. <i>Haematologica</i> , 2018 , 103, 148-162	6.6	67
316	Phosphorylation of CLEC-2 is dependent on lipid rafts, actin polymerization, secondary mediators, and Rac. <i>Blood</i> , 2010 , 115, 2938-46	2.2	66
315	Immobilized fibrinogen activates human platelets through glycoprotein VI. <i>Haematologica</i> , 2018 , 103, 898-907	6.6	65
314	CLEC-2 is not required for platelet aggregation at arteriolar shear. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 2328-2332	15.4	65
313	A novel role for PECAM-1 in megakaryocytopoiesis and recovery of platelet counts in thrombocytopenic mice. <i>Blood</i> , 2007 , 109, 4237-44	2.2	65
312	Understanding Infection-Induced Thrombosis: Lessons Learned From Animal Models. <i>Frontiers in Immunology</i> , 2019 , 10, 2569	8.4	64
311	Platelet actin nodules are podosome-like structures dependent on Wiskott-Aldrich syndrome protein and ARP2/3 complex. <i>Nature Communications</i> , 2015 , 6, 7254	17.4	63
310	The physiological and pathophysiological roles of platelet CLEC-2. <i>Thrombosis and Haemostasis</i> , 2013 , 109, 991-8	7	62
309	Solid phase synthesis and SAR of small molecule agonists for the GPR40 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 1584-9	2.9	62
308	Diverging signaling events control the pathway of GPVI down-regulation in vivo. <i>Blood</i> , 2007 , 110, 529-35.2		62
307	Spatial distribution of factor Xa, thrombin, and fibrin(ogen) on thrombi at venous shear. <i>PLoS ONE</i> , 2010 , 5, e10415	3.7	61
306	Thrombopoietin potentiates activation of human platelets in association with JAK2 and TYK2 phosphorylation. <i>Biochemical Journal</i> , 1996 , 316 (Pt 1), 93-8	3.8	61
305	Podoplanin and CLEC-2 drive cerebrovascular patterning and integrity during development. <i>Blood</i> , 2015 , 125, 3769-77	2.2	60
304	Identification and characterization of a novel P2Y ₁₂ variant in a patient diagnosed with type 1 von Willebrand disease in the European MCMDM-1VWD study. <i>Blood</i> , 2009 , 113, 4110-3	2.2	59
303	Identification of Tspan9 as a novel platelet tetraspanin and the collagen receptor GPVI as a component of tetraspanin microdomains. <i>Biochemical Journal</i> , 2009 , 417, 391-400	3.8	59
302	Reference curves for aggregation and ATP secretion to aid diagnose of platelet-based bleeding disorders: effect of inhibition of ADP and thromboxane A ₂ pathways. <i>Platelets</i> , 2007 , 18, 329-45	3.6	59
301	Distinct roles of GPVI and integrin alpha ₂ beta ₁ in platelet shape change and aggregation induced by different collagens. <i>British Journal of Pharmacology</i> , 2002 , 137, 107-17	8.6	59

300	Megakaryocyte-specific deletion of the protein-tyrosine phosphatases Shp1 and Shp2 causes abnormal megakaryocyte development, platelet production, and function. <i>Blood</i> , 2013 , 121, 4205-20	2.2	58
299	Regulation of cytosolic calcium by collagen in single human platelets. <i>British Journal of Pharmacology</i> , 1995 , 115, 101-6	8.6	58
298	Stimulatory and inhibitory actions of excitatory amino acids on inositol phospholipid metabolism in rat cerebral cortex. <i>British Journal of Pharmacology</i> , 1988 , 95, 131-8	8.6	58
297	Application of high-throughput screening techniques to drug discovery. <i>Progress in Medicinal Chemistry</i> , 2000 , 37, 83-133	7.3	57
296	Digital forensics: the missing piece of the Internet of Things promise. <i>Computer Fraud and Security</i> , 2016 , 2016, 5-8	2.2	57
295	Novel mutations in RASGRP2, which encodes CalDAG-GEFI, abrogate Rap1 activation, causing platelet dysfunction. <i>Blood</i> , 2016 , 128, 1282-9	2.2	57
294	Involvement of Src kinases and PLCgamma2 in clot retraction. <i>Thrombosis Research</i> , 2007 , 120, 251-8	8.2	56
293	CLEC-2 is required for development and maintenance of lymph nodes. <i>Blood</i> , 2014 , 123, 3200-7	2.2	55
292	Syk and Src family kinases regulate C-type lectin receptor 2 (CLEC-2)-mediated clustering of podoplanin and platelet adhesion to lymphatic endothelial cells. <i>Journal of Biological Chemistry</i> , 2014 , 289, 35695-710	5.4	53
291	Monomeric (glycine-proline-hydroxyproline) ₁₀ repeat sequence is a partial agonist of the platelet collagen receptor glycoprotein VI. <i>Biochemical Journal</i> , 1999 , 339, 413-418	3.8	53
290	Evidence for neurokinin-3 receptor-mediated tachykinin release in the guinea-pig ileum. <i>European Journal of Pharmacology</i> , 1987 , 144, 409-12	5.3	53
289	The Semiotics of Heritage Tourism 2014 ,		53
288	A novel thromboxane A2 receptor D304N variant that abrogates ligand binding in a patient with a bleeding diathesis. <i>Blood</i> , 2010 , 115, 363-9	2.2	52
287	G6b-B inhibits constitutive and agonist-induced signaling by glycoprotein VI and CLEC-2. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35419-27	5.4	52
286	A novel viper venom metalloproteinase, alborhagin, is an agonist at the platelet collagen receptor GPVI. <i>Journal of Biological Chemistry</i> , 2001 , 276, 28092-7	5.4	52
285	Thrombopoietin potentiates collagen receptor signaling in platelets through a phosphatidylinositol 3-kinase-dependent pathway. <i>Blood</i> , 2000 , 95, 3429-3434	2.2	52
284	Evidence that phospholipase C-gamma2 interacts with SLP-76, Syk, Lyn, LAT and the Fc receptor gamma-chain after stimulation of the collagen receptor glycoprotein VI in human platelets. <i>FEBS Journal</i> , 1999 , 263, 612-23		52
283	Fibrin and D-dimer bind to monomeric GPVI. <i>Blood Advances</i> , 2017 , 1, 1495-1504	7.8	51

282	Up-regulation of p21- and RhoA-activated protein kinases in human pregnant myometrium. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 269, 322-6	3.4	51
281	SLFN14 mutations underlie thrombocytopenia with excessive bleeding and platelet secretion defects. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3600-5	15.9	51
280	Characterization of multiple platelet activation pathways in patients with bleeding as a high-throughput screening option: use of 96-well Optimul assay. <i>Blood</i> , 2014 , 123, e11-22	2.2	50
279	Regulation and Function of WASp in Platelets by the Collagen Receptor, Glycoprotein VI. <i>Blood</i> , 1999 , 94, 4166-4176	2.2	50
278	Lineage tracing of PF4-Cre marks hematopoietic stem cells and their progeny. <i>PLoS ONE</i> , 2012 , 7, e51361	3.7	50
277	Applying proteomics technology to platelet research. <i>Mass Spectrometry Reviews</i> , 2005 , 24, 918-30	11	49
276	Tumor necrosis factor alpha stimulates sphingomyelinase through the 55 kDa receptor in HL-60 cells. <i>FEBS Letters</i> , 1992 , 314, 297-300	3.8	49
275	Syk and Fyn are required by mouse megakaryocytes for the rise in intracellular calcium induced by a collagen-related peptide. <i>Journal of Biological Chemistry</i> , 1997 , 272, 27539-42	5.4	48
274	Glycoproteins VI and Ib-IX-V stimulate tyrosine phosphorylation of tyrosine kinase Syk and phospholipase Cgamma2 at distinct sites. <i>Biochemical Journal</i> , 2004 , 378, 1023-9	3.8	48
273	Phosphorylation of cytosolic phospholipase A2 in platelets is mediated by multiple stress-activated protein kinase pathways. <i>FEBS Journal</i> , 1999 , 265, 195-203		48
272	Impact of the PI3-kinase/Akt pathway on ITAM and hemITAM receptors: haemostasis, platelet activation and antithrombotic therapy. <i>Biochemical Pharmacology</i> , 2015 , 94, 186-94	6	47
271	SHIP family inositol phosphatases interact with and negatively regulate the Tec tyrosine kinase. <i>Journal of Biological Chemistry</i> , 2004 , 279, 55089-96	5.4	47
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269	VPS33B regulates protein sorting into and maturation of α granule progenitor organelles in mouse megakaryocytes. <i>Blood</i> , 2015 , 126, 133-43	2.2	46
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