

Ulrich Walter

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249
papers

19,482
citations

79
h-index

133
g-index

261
ext. papers

20,810
ext. citations

6.5
avg, IF

6.26
L-index

#	Paper	IF	Citations
249	Potential and limitations of PKA/ PKG inhibitors for platelet studies. <i>Platelets</i> , 2021 , 1-10	3.6	
248	Fine-Tuning of Platelet Responses by Serine/Threonine Protein Kinases and Phosphatases-Just the Beginning. <i>Hamostaseologie</i> , 2021 , 41, 206-216	1.9	0
247	Cyclin Y is expressed in Platelets and Modulates Integrin Outside-in Signaling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
246	The Cell Cycle Checkpoint System MAST(L)-ENSA/ARPP19-PP2A is Targeted by cAMP/PKA and cGMP/PKG in Anucleate Human Platelets. <i>Cells</i> , 2020 , 9,	7.9	7
245	The Serine/Threonine Protein Phosphatase 2A (PP2A) Regulates Syk Activity in Human Platelets. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
244	CD36-fibrin interaction propagates FXI-dependent thrombin generation of human platelets. <i>FASEB Journal</i> , 2020 , 34, 9337-9357	0.9	5
243	The RhoA regulators Myo9b and GEF-H1 are targets of cyclic nucleotide-dependent kinases in platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 3002-3012	15.4	9
242	cAMP- and cGMP-elevating agents inhibit GPIb-mediated aggregation but not GPIb-stimulated Syk activation in human platelets. <i>Cell Communication and Signaling</i> , 2019 , 17, 122	7.5	4
241	The Direct Thrombin Inhibitors Dabigatran and Lepirudin Inhibit GPIb-Mediated Platelet Aggregation. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 916-929	7	11
240	Feedback Regulation of Syk by Protein Kinase C in Human Platelets. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	3
239	The Microbiota Promotes Arterial Thrombosis in Low-Density Lipoprotein Receptor-Deficient Mice. <i>MBio</i> , 2019 , 10,	7.8	24
238	New Insights into Platelet Signalling Pathways by Functional and Proteomic Approaches. <i>Hamostaseologie</i> , 2019 , 39, 140-151	1.9	6
237	Hypoxia evokes increased PDI and PDIA6 expression in the infarcted myocardium of ex-germ-free and conventionally raised mice. <i>Biology Open</i> , 2019 , 8,	2.2	7
236	Effects of the NO/soluble guanylate cyclase/cGMP system on the functions of human platelets. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 76, 71-80	5	49
235	Temporal quantitative phosphoproteomics of ADP stimulation reveals novel central nodes in platelet activation and inhibition. <i>Blood</i> , 2017 , 129, e1-e12	2.2	68
234	Platelet-localized FXI promotes a vascular coagulation-inflammatory circuit in arterial hypertension. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	53
233	Gut microbiota regulate hepatic von Willebrand factor synthesis and arterial thrombus formation via Toll-like receptor-2. <i>Blood</i> , 2017 , 130, 542-553	2.2	70

232	Hypoxia impairs agonist-induced integrin α IIb β 3 activation and platelet aggregation. <i>Scientific Reports</i> , 2017 , 7, 7621	4.9	11
231	Protein kinase A activation by the anti-cancer drugs ABT-737 and thymoquinone is caspase-3-dependent and correlates with platelet inhibition and apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e2898	9.8	15
230	Alterations of the platelet proteome in type I Glanzmann thrombasthenia caused by different homozygous delG frameshift mutations in ITGA2B. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 556-569	7	17
229	Vasodilator-Stimulated Phosphoprotein (VASP)-dependent and -independent pathways regulate thrombin-induced activation of Rap1b in platelets. <i>Cell Communication and Signaling</i> , 2016 , 14, 21	7.5	17
228	Erythrocytes do not activate purified and platelet soluble guanylate cyclases even in conditions favourable for NO synthesis. <i>Cell Communication and Signaling</i> , 2016 , 14, 16	7.5	17
227	Quality of oral anticoagulation with phenprocoumon in regular medical care and its potential for improvement in a telemedicine-based coagulation service--results from the prospective, multi-center, observational cohort study thrombEVAL. <i>BMC Medicine</i> , 2015 , 13, 14	11.4	31
226	Erythrocytes do not produce biologically active NO. <i>BMC Pharmacology & Toxicology</i> , 2015 , 16,	2.6	78
225	The sGC stimulator riociguat inhibits platelet function in washed platelets but not in whole blood. <i>British Journal of Pharmacology</i> , 2015 , 172, 5199-210	8.6	13
224	Anti-Inflammatory and Anti-Thrombotic Effects of the Fungal Metabolite Galiellalactone in Apolipoprotein E-Deficient Mice. <i>PLoS ONE</i> , 2015 , 10, e0130401	3.7	7
223	Rationale and design of three observational, prospective cohort studies including biobanking to evaluate and improve diagnostics, management strategies and risk stratification in venous thromboembolism: the VTEval Project. <i>BMJ Open</i> , 2015 , 5, e008157	3	15
222	Platelet-Localized FXI Promotes a Glycoprotein Ib Alpha Dependent Feedback Loop in Arterial Hypertension and Vascular Inflammation. <i>Blood</i> , 2015 , 126, 2192-2192	2.2	
221	What can proteomics tell us about platelets?. <i>Circulation Research</i> , 2014 , 114, 1204-19	15.7	76
220	Reciprocal regulation of human platelet function by endogenous prostanoids and through multiple prostanoid receptors. <i>European Journal of Pharmacology</i> , 2014 , 740, 15-27	5.3	19
219	Time-resolved characterization of cAMP/PKA-dependent signaling reveals that platelet inhibition is a concerted process involving multiple signaling pathways. <i>Blood</i> , 2014 , 123, e1-e10	2.2	71
218	Gut microbial colonization orchestrates TLR2 expression, signaling and epithelial proliferation in the small intestinal mucosa. <i>PLoS ONE</i> , 2014 , 9, e113080	3.7	67
217	Pearls, guidelines & more. <i>Hamostaseologie</i> , 2014 , 34, 199-199	1.9	
216	Echicetin coated polystyrene beads: a novel tool to investigate GPIIb-specific platelet activation and aggregation. <i>PLoS ONE</i> , 2014 , 9, e93569	3.7	8
215	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013 , 504, 432-6	50.4	185

214	Differential regulation of platelet inhibition by cGMP- and cAMP-dependent protein kinases. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14,	2.6	78
213	Platelet inhibitory effects of the NO independent sGC stimulator riociguat (Bay 63-2561). <i>BMC Pharmacology & Toxicology</i> , 2013 , 14,	2.6	78
212	Response: platelet transcriptome and proteome--relation rather than correlation. <i>Blood</i> , 2013 , 121, 5257-8	2.8	18
211	Differential roles of cAMP and cGMP in megakaryocyte maturation and platelet biogenesis. <i>Experimental Hematology</i> , 2013 , 41, 91-101.e4	3.1	9
210	Phosphorylation of CalDAG-GEFI by protein kinase A prevents Rap1b activation. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1574-82	15.4	37
209	Deciphering of ADP-induced, phosphotyrosine-dependent signaling networks in human platelets by Src-homology 2 region (SH2)-profiling. <i>Proteomics</i> , 2013 , 13, 1016-27	4.8	16
208	Dual role of the p38 MAPK/cPLA2 pathway in the regulation of platelet apoptosis induced by ABT-737 and strong platelet agonists. <i>Cell Death and Disease</i> , 2013 , 4, e931	9.8	34
207	Immune escape of AKT overexpressing ovarian cancer cells. <i>International Journal of Oncology</i> , 2013 , 42, 1630-5	4.4	9
206	Soluble guanylyl cyclase is the only enzyme responsible for cyclic guanosine monophosphate synthesis in human platelets. <i>Thrombosis and Haemostasis</i> , 2013 , 109, 973-5	7	9
205	Does the NO/sGC/cGMP/PKG pathway play a stimulatory role in platelets?. <i>Blood</i> , 2012 , 119, 5335-6; author reply 5336-7	2.2	10
204	The oligopeptide DT-2 is a specific PKG I inhibitor only in vitro, not in living cells. <i>British Journal of Pharmacology</i> , 2012 , 167, 826-38	8.6	15
203	Low angle light scattering analysis: a novel quantitative method for functional characterization of human and murine platelet receptors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1253-62	5.9	25
202	The first comprehensive and quantitative analysis of human platelet protein composition allows the comparative analysis of structural and functional pathways. <i>Blood</i> , 2012 , 120, e73-82	2.2	485
201	The Thr715Pro variant impairs terminal glycosylation of P-selectin. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 963-72	7	8
200	Downregulation of AKT reverses platinum resistance of human ovarian cancers in vitro. <i>Oncology Reports</i> , 2012 , 28, 2023-8	3.5	30
199	The thrombin inhibitors hirudin and Repludan(®) activate the soluble guanylyl cyclase and the cGMP pathway in washed human platelets. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 521-9	7	9
198	The new INNOVANCE® PFA P2Y cartridge is sensitive to the detection of the P2Y ₁ receptor inhibition. <i>Platelets</i> , 2011 , 22, 20-7	3.6	35
197	Differentiation of cGMP-dependent and -independent nitric oxide effects on platelet apoptosis and reactive oxygen species production using platelets lacking soluble guanylyl cyclase. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 922-33	7	28

196	Evidence for anti-angiogenic and pro-survival functions of the cerebral cavernous malformation protein 3. <i>Neurogenetics</i> , 2011 , 12, 83-6	3	32
195	Specific PKG inhibitors: do they really exist?. <i>BMC Pharmacology</i> , 2011 , 11,		78
194	Vasodilator-stimulated phosphoprotein deficiency potentiates PAR-1-induced increase in endothelial permeability in mouse lungs. <i>Journal of Cellular Physiology</i> , 2011 , 226, 1255-64	7	6
193	Phosphorylation of vasodilator-stimulated phosphoprotein prevents platelet-neutrophil complex formation and dampens myocardial ischemia-reperfusion injury. <i>Circulation</i> , 2011 , 123, 2579-90	16.7	43
192	The preanalytical influence of two different mechanical transport systems on laboratory analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1379-1382	5.9	16
191	Identification of SPRED2 (sprouty-related protein with EVH1 domain 2) as a negative regulator of the hypothalamic-pituitary-adrenal axis. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9477-88	5.4	12
190	Deficiency of vasodilator-stimulated phosphoprotein (VASP) increases blood-brain-barrier damage and edema formation after ischemic stroke in mice. <i>PLoS ONE</i> , 2010 , 5, e15106	3.7	11
189	Characterization of a novel interaction between vasodilator-stimulated phosphoprotein and Abelson interactor 1 in human platelets: a concerted computational and experimental approach. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 843-50	9.4	11
188	Prostacyclin receptor stimulation facilitates detection of human platelet P2Y(12) receptor inhibition by the PFA-100 system. <i>Platelets</i> , 2010 , 21, 112-6	3.6	6
187	Detection of serum free light chains: the problem with antigen excess. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1419-22	5.9	26
186	Vasodilator-stimulated phosphoprotein regulates inside-out signaling of beta2 integrins in neutrophils. <i>Journal of Immunology</i> , 2010 , 184, 6575-84	5.3	16
185	Platelet proinflammatory activity in clinically stable patients with CF starts in early childhood. <i>Journal of Cystic Fibrosis</i> , 2010 , 9, 179-86	4.1	10
184	Thrombin and collagen induce a feedback inhibitory signaling pathway in platelets involving dissociation of the catalytic subunit of protein kinase A from an NFkappaB-IkappaB complex. <i>Journal of Biological Chemistry</i> , 2010 , 285, 18352-63	5.4	111
183	VASP phosphorylation at serine239 regulates the effects of NO on smooth muscle cell invasion and contraction of collagen. <i>Journal of Cellular Physiology</i> , 2010 , 222, 230-7	7	14
182	Functional variants of TSPAN8 are associated with bipolar disorder and schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010 , 153B, 967-72	3.5	12
181	A protein phosphorylation-based assay for screening and monitoring of drugs modulating cyclic nucleotide pathways. <i>Analytical Biochemistry</i> , 2010 , 407, 261-9	3.1	12
180	cGMP and PKG Signaling in Platelets 2010 , 1563-1567		
179	Normal filopodia extension in VASP-deficient platelets upon activation by adhesive matrices or soluble agonists. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 792-4	7	3

178	Inflammation-associated repression of vasodilator-stimulated phosphoprotein (VASP) reduces alveolar-capillary barrier function during acute lung injury. <i>FASEB Journal</i> , 2009 , 23, 4244-55	0.9	33
177	NO inhibits platelet apoptosis by cGMP-dependent and-independent pathways. <i>BMC Pharmacology</i> , 2009 , 9, P60		78
176	Cross-talk of inhibitory and stimulatory signalling pathways of human platelets. <i>BMC Pharmacology</i> , 2009 , 9,		78
175	Phosphatidylserine surface expression and integrin alpha IIb beta 3 activity on thrombin/convulxin stimulated platelets/particles of different sizes. <i>British Journal of Haematology</i> , 2009 , 144, 591-602	4.5	21
174	Insulin inhibition of platelet-endothelial interaction is mediated by insulin effects on endothelial cells without direct effects on platelets: reply to a rebuttal. <i>Journal of Thrombosis and Haemostasis</i> , 2009 , 7, 371-373	15.4	1
173	Platelet membrane proteomics: a novel repository for functional research. <i>Blood</i> , 2009 , 114, e10-9	2.2	106
172	Effects of oral niacin on endothelial dysfunction in patients with coronary artery disease: results of the randomized, double-blind, placebo-controlled INEF study. <i>Atherosclerosis</i> , 2009 , 204, 216-21	3.1	69
171	cGMP and cGMP-dependent protein kinase in platelets and blood cells. <i>Handbook of Experimental Pharmacology</i> , 2009 , 533-48	3.2	71
170	Insulin inhibition of platelet-endothelial interaction is mediated by insulin effects on endothelial cells without direct effects on platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 856-64	15.4	12
169	NO-synthase-/NO-independent regulation of human and murine platelet soluble guanylyl cyclase activity. <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 1376-84	15.4	100
168	Effect of chronic treatment with acetylsalicylic acid and clopidogrel on atheroprogession and atherothrombosis in ApoE-deficient mice in vivo. <i>Thrombosis and Haemostasis</i> , 2008 , 99, 190-5	7	42
167	Cyclic nucleotide-regulated proliferation and differentiation vary in human hematopoietic progenitor cells derived from healthy persons, tumor patients, and chronic myelocytic leukemia patients. <i>Stem Cells and Development</i> , 2008 , 17, 81-91	4.4	17
166	Prostaglandin-induced VASP phosphorylation controls alpha II-spectrin breakdown in apoptotic cells. <i>International Immunopharmacology</i> , 2008 , 8, 319-24	5.8	8
165	Use of functional highly purified human platelets for the identification of new proteins of the IPP signaling pathway. <i>Thrombosis Research</i> , 2008 , 122, 59-68	8.2	18
164	Phosphoproteome of resting human platelets. <i>Journal of Proteome Research</i> , 2008 , 7, 526-34	5.6	140
163	A single loading dose of clopidogrel causes dose-dependent improvement of endothelial dysfunction in patients with stable coronary artery disease: results of a double-blind, randomized study. <i>Atherosclerosis</i> , 2008 , 196, 689-95	3.1	69
162	Platelet protein interactions: map, signaling components, and phosphorylation groundstate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1326-31	9.4	63
161	The role of VASP in regulation of cAMP- and Rac 1-mediated endothelial barrier stabilization. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C178-88	5.4	73

160	Cytoskeleton assembly at endothelial cell-cell contacts is regulated by alphaII-spectrin-VASP complexes. <i>Journal of Cell Biology</i> , 2008 , 180, 205-19	7.3	99
159	ADP-induced platelet aggregation frequently fails to detect impaired clopidogrel-responsiveness in patients with coronary artery disease compared to a P2Y12-specific assay. <i>Thrombosis and Haemostasis</i> , 2008 , 100, 618-625	7	24
158	Decreased platelet reactivity identified by whole blood flow cytometry in Fanconi anaemia patients. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 1291-1297	7	2
157	Getting a first clue about SPRED functions. <i>BioEssays</i> , 2007 , 29, 897-907	4.1	80
156	Hearing development and spiral ganglion neurite growth in VASP deficient mice. <i>Brain Research</i> , 2007 , 1178, 73-82	3.7	6
155	AMP-activated protein kinase impairs endothelial actin cytoskeleton assembly by phosphorylating vasodilator-stimulated phosphoprotein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 4601-4612	5.4	82
154	Enhanced N-glycosylation site analysis of sialoglycopeptides by strong cation exchange prefractionation applied to platelet plasma membranes. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 1933-41	7.6	70
153	Dynamic interaction between Src and C-terminal Src kinase in integrin alphaIIbbeta3-mediated signaling to the cytoskeleton. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33623-33631	5.4	12
152	Thrombin stimulation of p38 MAP kinase in human platelets is mediated by ADP and thromboxane A2 and inhibited by cGMP/cGMP-dependent protein kinase. <i>Blood</i> , 2007 , 109, 616-8	2.2	38
151	Tissue-specific Spred-2 promoter activity characterized by a gene trap approach. <i>Gene Expression Patterns</i> , 2006 , 6, 247-55	1.5	16
150	Regulation of aldosterone production from zona glomerulosa cells by ANG II and cAMP: evidence for PKA-independent activation of CaMK by cAMP. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 290, E423-33	6	26
149	Elucidation of N-glycosylation sites on human platelet proteins: a glycoproteomic approach. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 226-33	7.6	127
148	Platelets promote coagulation factor XII-mediated proteolytic cascade systems in plasma. <i>Biological Chemistry</i> , 2006 , 387, 173-8	4.5	49
147	Delayed formation of actin filaments in the outer pillar head plate of VASP ^{-/-} mice. <i>Cells Tissues Organs</i> , 2006 , 184, 88-95	2.1	2
146	The VASP-Spred-Sprouty domain puzzle. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36477-81	5.4	25
145	Platelet regulation by NO/cGMP signaling and NAD(P)H oxidase-generated ROS. <i>Blood Cells, Molecules, and Diseases</i> , 2006 , 36, 166-70	2.1	39
144	Analysis of SAGE data in human platelets: Features of the transcriptome in an anucleate cell. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 643-651	7	69
143	PKCdelta regulates collagen-induced platelet aggregation through inhibition of VASP-mediated filopodia formation. <i>Blood</i> , 2006 , 108, 4035-44	2.2	88

142	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006 , 11, 286-300	15.1	185
141	Interaction of Vasodilator-stimulated phosphoprotein (VASP) with β -Spectrin is crucial for the cAMP-dependent regulation of cortical actin dynamics. <i>FASEB Journal</i> , 2006 , 20, A103	0.9	1
140	Spred-2-deficiency results in dwarfism and kidney failure. <i>FASEB Journal</i> , 2006 , 20, A544	0.9	
139	PKC ζ Regulates Platelet Activity through the Inhibition of VASP-Mediated Filopodia Formation.. <i>Blood</i> , 2006 , 108, 1513-1513	2.2	
138	Analysis of SAGE data in human platelets: features of the transcriptome in an anucleate cell. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 643-51	7	23
137	Neonatal platelets from cord blood and peripheral blood. <i>Platelets</i> , 2005 , 16, 203-10	3.6	84
136	Presynaptic and postsynaptic roles of NO, cGK, and RhoA in long-lasting potentiation and aggregation of synaptic proteins. <i>Neuron</i> , 2005 , 45, 389-403	13.9	179
135	High factor VIII levels in venous thromboembolism show linkage to imprinted loci on chromosomes 5 and 11. <i>Blood</i> , 2005 , 105, 638-44	2.2	30
134	Platelet NAD(P)H-oxidase-generated ROS production regulates α IIb β 3-integrin activation independent of the NO/cGMP pathway. <i>Blood</i> , 2005 , 106, 2757-60	2.2	170
133	Differential effects of diabetes on the expression of the gp91phox homologues nox1 and nox4. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 381-91	7.8	108
132	Functional role of cGMP-dependent VASP phosphorylation in vascular cells. <i>BMC Pharmacology</i> , 2005 , 5, S24		
131	Tracking functions of cGMP-dependent protein kinases (cGK). <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 1313-28	2.8	58
130	Chorioamnionitis is associated with increased CD40L expression on cord blood platelets. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 1219-23	7	6
129	Understanding platelets. Lessons from proteomics, genomics and promises from network analysis. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 916-25	7	38
128	Are glucokinase mutations associated with low triglycerides?. <i>Clinical Chemistry</i> , 2005 , 51, 791-3	5.5	9
127	Gene disruption of Spred-2 causes dwarfism. <i>Journal of Biological Chemistry</i> , 2005 , 280, 28572-80	5.4	41
126	Vasodilator-stimulated phosphoprotein-deficient mice demonstrate increased platelet activation but improved renal endothelial preservation and regeneration in passive nephrotoxic nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 986-96	12.7	22
125	Real-time monitoring of the PDE2 activity of live cells: hormone-stimulated cAMP hydrolysis is faster than hormone-stimulated cAMP synthesis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1716-9	5.4	105

124	Monitoring of clopidogrel action: comparison of methods. <i>Clinical Chemistry</i> , 2005 , 51, 957-65	5.5	152
123	The human platelet membrane proteome reveals several new potential membrane proteins. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 1754-61	7.6	129
122	High factor VIII (FVIII) levels in venous thromboembolism: role of unbound FVIII. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 42-6	7	48
121	Variable extent of clopidogrel responsiveness in patients after coronary stenting. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 1201-6	7	54
120	Impaired platelet responses to clopidogrel and ticlopidine in a patient with recurrent coronary stent stenosis. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 1446-1447	7	2
119	Vasodilator-stimulated phosphoprotein regulates proliferation and growth inhibition by nitric oxide in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1403-8	9.4	74
118	The VASP tetramerization domain is a right-handed coiled coil based on a 15-residue repeat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17027-32	11.5	91
117	Vasodilator-stimulated phosphoprotein activation of serum-response element-dependent transcription occurs downstream of RhoA and is inhibited by cGMP-dependent protein kinase phosphorylation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 10397-407	5.4	36
116	Alternative approach for rapid and reliable single-nucleotide polymorphism typing with double restriction mutagenesis primer PCR. <i>Clinical Chemistry</i> , 2004 , 50, 2376-8	5.5	2
115	¹ H, ¹³ C and ¹⁵ N resonance assignment of the human Spred2 EVH1 domain. <i>Journal of Biomolecular NMR</i> , 2004 , 29, 435-6	3	4
114	Expression and subcellular localization of Spred proteins in mouse and human tissues. <i>Histochemistry and Cell Biology</i> , 2004 , 122, 527-38	2.4	50
113	Increased noise sensitivity and altered inner ear MENA distribution in VASP ^{-/-} mice. <i>Cell and Tissue Research</i> , 2004 , 318, 493-502	4.2	20
112	Potent inhibition of human platelets by cGMP analogs independent of cGMP-dependent protein kinase. <i>Blood</i> , 2004 , 103, 2593-600	2.2	94
111	Quantitative analysis of the cardiac fibroblast transcriptome-implications for NO/cGMP signaling. <i>Genomics</i> , 2004 , 83, 577-87	4.3	18
110	Novel role of the membrane-bound chemokine fractalkine in platelet activation and adhesion. <i>Blood</i> , 2004 , 103, 407-12	2.2	112
109	Enhanced in vivo platelet adhesion in vasodilator-stimulated phosphoprotein (VASP)-deficient mice. <i>Blood</i> , 2004 , 103, 136-42	2.2	109
108	Roles of cGMP/cGMP-dependent protein kinase in platelet activation. <i>Blood</i> , 2004 , 104, 2609	2.2	22
107	Nebivolol prevents vascular NOS III uncoupling in experimental hyperlipidemia and inhibits NADPH oxidase activity in inflammatory cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 615-21	9.4	129

106	Dipyridamole enhances NO/cGMP-mediated vasodilator-stimulated phosphoprotein phosphorylation and signaling in human platelets: in vitro and in vivo/ex vivo studies. <i>Stroke</i> , 2003 , 34, 764-9	6.7	93
105	Inhibition of platelet activation in congestive heart failure by aldosterone receptor antagonism and ACE inhibition. <i>Thrombosis and Haemostasis</i> , 2003 , 89, 1024-1030	7	49
104	Disruption of cardiac Ena-VASP protein localization in intercalated disks causes dilated cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2471-81	5.2	33
103	Expression of VASP and zyxin in cochlear pillar cells: indication for actin-based dynamics?. <i>Cell and Tissue Research</i> , 2003 , 311, 315-23	4.2	7
102	Endothelium-dependent and -independent relaxation and VASP serines 157/239 phosphorylation by cyclic nucleotide-elevating vasodilators in rat aorta. <i>Biochemical Pharmacology</i> , 2003 , 65, 397-405	6	49
101	Resistance to thienopyridines: clinical detection of coronary stent thrombosis by monitoring of vasodilator-stimulated phosphoprotein phosphorylation. <i>Catheterization and Cardiovascular Interventions</i> , 2003 , 59, 295-302	2.7	402
100	Increased effects of C-type natriuretic peptide on contractility and calcium regulation in murine hearts overexpressing cyclic GMP-dependent protein kinase I. <i>British Journal of Pharmacology</i> , 2003 , 140, 1227-36	8.6	40
99	Role for peroxynitrite in the inhibition of prostacyclin synthase in nitrate tolerance. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 1826-34	15.1	101
98	Physiology and pathophysiology of vascular signaling controlled by guanosine 3P5Pcyclic monophosphate-dependent protein kinase [corrected]. <i>Circulation</i> , 2003 , 108, 2172-83	16.7	267
97	Design of N-substituted peptomer ligands for EVH1 domains. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36810-8	5.4	18
96	Single L-type Ca(2+) channel regulation by cGMP-dependent protein kinase type I in adult cardiomyocytes from PKG I transgenic mice. <i>Cardiovascular Research</i> , 2003 , 60, 268-77	9.9	69
95	Cyclic GMP-dependent protein kinases and the cardiovascular system: insights from genetically modified mice. <i>Circulation Research</i> , 2003 , 93, 907-16	15.7	239
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