# Owen J T Mccarty

List of Publications by Year
in descending order



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|---|---|---|---|
| 146 papers | 5,371 citations | 71102 41 h-index | 98798 67 g-index |
| 146 all docs | 146 docs citations | 146 times ranked | 5796 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The efficacy and safety of thrombopoietin receptor agonists in patients with chronic liver disease undergoing elective procedures: a systematic review and meta-analysis. Platelets, 2022, 33, 66-72. | 2.3 | 18 |
| 2 | Janus kinase inhibitors ruxolitinib and baricitinib impair glycoprotein-VI mediated platelet function. Platelets, 2022, 33, 404-415. | 2.3 | 13 |
| 3 | Severe thrombocytopenia in adults undergoing extracorporeal membrane oxygenation is predictive of thrombosis. Platelets, 2022, 33, 570-576. | 2.3 | 10 |
| 4 | Model for surface-dependent factor XII activation: the roles of factor XII heavy chain domains. Blood Advances, 2022, 6, 3142-3154. | 5.2 | 14 |
| 5 | Chronic edible dosing of Î”9-tetrahydrocannabinol (THC) in nonhuman primates reduces systemic platelet activity and function. American Journal of Physiology - Cell Physiology, 2022, 322, C370-C381. | 4.6 | 4 |
| 6 | Irreversible alteration of extracellular vesicle and cell-free messenger RNA profiles in human plasma associated with blood processing and storage. Scientific Reports, 2022, 12, 2099. | 3.3 | 11 |
| 7 | Effects of ex vivo blood anticoagulation and preanalytical processing time on the proteome content of platelets. Journal of Thrombosis and Haemostasis, 2022, 20, 1437-1450. | 3.8 | 12 |
| 8 | Basic science research opportunities in thrombosis and hemostasis: Communication from the SSC of the ISTH. Journal of Thrombosis and Haemostasis, 2022, 20, 1496-1506. | 3.8 | 5 |
| 9 | Revised model of the tissue factor pathway of thrombin generation: Role of the feedback activation of FXI. Journal of Thrombosis and Haemostasis, 2022, 20, 1350-1363. | 3.8 | 14 |
| 10 | Ibrutinib Inhibits BMX-Dependent Endothelial VCAM-1 Expression In Vitro and Pro-Atherosclerotic Endothelial Activation and Platelet Adhesion In Vivo. Cellular and Molecular Bioengineering, 2022, 15, 231-243. | 2.1 | 5 |
| 11 | Pharmacological reduction of coagulation factor XI reduces macrophage accumulation and accelerates deep vein thrombosis resolution in a mouse model of venous thrombosis. Journal of Thrombosis and Haemostasis, 2022, 20, 2035-2045. | 3.8 | 8 |
| 12 | The basement membrane protein nidogen-1 supports platelet adhesion and activation. Platelets, 2021, 32, 424-428. | 2.3 | 9 |
| 13 | Development of Coagulation Factor XII Antibodies for Inhibiting Vascular Device-Related Thrombosis. Cellular and Molecular Bioengineering, 2021, 14, 161-175. | 2.1 | 12 |
| 14 | Thrombosis and Bleeding in Extracorporeal Membrane Oxygenation (ECMO) Without Anticoagulation: A Systematic Review. ASAIO Journal, 2021, 67, 290-296. | 1.6 | 115 |
| 15 | Heparin Resistance Is Common in Patients Undergoing Extracorporeal Membrane Oxygenation but Is Not Associated with Worse Clinical Outcomes. ASAIO Journal, 2021, 67, 899-906. | 1.6 | 9 |
| 16 | Thrombin generation and activity in multiple sclerosis. Metabolic Brain Disease, 2021, 36, 407-420. | 2.9 | 9 |
| 17 | Pharmacological targeting of coagulation factor XI mitigates the development of experimental atherosclerosis in lowâ€density lipoprotein receptorâ€deficient mice. Journal of Thrombosis and Haemostasis, 2021, 19, 1001-1017. | 3.8 | 26 |
| 18 | Factor XII plays a pathogenic role in organ failure and death in baboons challenged with Staphylococcus aureus. Blood, 2021, 138, 178-189. | 1.4 | 15 |

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|---|---|---|---|
| 19 | Role of platelets in regulating activated coagulation factor XI activity. American Journal of Physiology - Cell Physiology, 2021, 320, C365-C374. | 4.6 | 12 |
| 20 | Rho GTPase regulation of reactive oxygen species generation and signalling in platelet function and disease. Small GTPases, 2021, 12, 440-457. | 1.6 | 7 |
| 21 | Cross-Talk between the Complement Pathway and the Contact Activation System of Coagulation: Activated Factor XI Neutralizes Complement Factor H. Journal of Immunology, 2021, 206, 1784-1792. | 0.8 | 24 |
| 22 | Assessment of the effects of Syk and BTK inhibitors on GPVI-mediated platelet signaling and function. American Journal of Physiology - Cell Physiology, 2021, 320, C902-C915. | 4.6 | 22 |
| 23 | Aspirin and antiplatelet treatments in cancer. Blood, 2021, 137, 3201-3211. | 1.4 | 49 |
| 24 | The contact activation inhibitor AB023 in heparin-free hemodialysis: results of a randomized phase 2 clinical trial. Blood, 2021, 138, 2173-2184. | 1.4 | 56 |
| 25 | The Toll-Like Receptor 2 Ligand Pam2CSK4 Activates Platelet Nuclear Factor-Î²B and Brutonâ€™s Tyrosine Kinase Signaling to Promote Platelet-Endothelial Cell Interactions. Frontiers in Immunology, 2021, 12, 729951. | 4.8 | 12 |
| 26 | Innovation, entrepreneurship, promotion, and tenure. Science, 2021, 373, 1312-1314. | 12.6 | 10 |
| 27 | Droplet Microfluidics with Reagent Micromixing for Investigating Intrinsic Platelet Functionality. Cellular and Molecular Bioengineering, 2021, 14, 223-230. | 2.1 | 2 |
| 28 | Platelet integrin activation surfs the calcium waves. Platelets, 2021, 32, 437-439. | 2.3 | 2 |
| 29 | Skeletal Muscle Myosin Is Procoagulant By Binding Factor XI Via Its A3 Domain and Enhancing Factor XI Activation By Thrombin. Blood, 2021, 138, 441-441. | 1.4 | 0 |
| 30 | Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. Platelets, 2020, 31, 68-78. | 2.3 | 17 |
| 31 | Fondaparinux pentasaccharide reduces sepsis coagulopathy and promotes survival in the baboon model of Escherichia coli sepsis. Journal of Thrombosis and Haemostasis, 2020, 18, 180-190. | 3.8 | 20 |
| 32 | Evaluation of the Effect of Crosslinking Method of Poly(Vinyl Alcohol) Hydrogels on Thrombogenicity. Cardiovascular Engineering and Technology, 2020, 11, 448-455. | 1.6 | 9 |
| 33 | A Theme Series on Emerging Technologies for Use in the Study, Diagnosis and Treatment of Patients with COVID-19. Cellular and Molecular Bioengineering, 2020, 13, 247-248. | 2.1 | 0 |
| 34 | Design of a Microfluidic Bleeding Chip to Evaluate Antithrombotic Agents for Use in COVID-19 Patients. Cellular and Molecular Bioengineering, 2020, 13, 331-339. | 2.1 | 6 |
| 35 | Phosphoproteomic quantitation and causal analysis reveal pathways in GPVI/ITAM-mediated platelet activation programs. Blood, 2020, 136, 2346-2358. | 1.4 | 53 |
| 36 | Antibody inhibition of contact factor XII reduces platelet deposition in a model of extracorporeal membrane oxygenator perfusion in nonhuman primates. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 205-216. | 2.3 | 29 |

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|---|---|---|---|
| 37 | Evaluation of the Antihemostatic and Antithrombotic Effects of Lowering Coagulation Factor VII Levels in a Non-human Primate. Cellular and Molecular Bioengineering, 2020, 13, 179-187. | 2.1 | 2 |
| 38 | The contact activation system as a potential therapeutic target in patients with COVIDâ€19. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 500-505. | 2.3 | 33 |
| 39 | The protein C activator AB002 rapidly interrupts thrombus development in baboons. Blood, 2020, 135, 689-699. | 1.4 | 8 |
| 40 | Safety and Efficacy of the Contact Activation Inhibitor AB023 in Patients with End-Stage Renal Disease on Chronic Hemodialysis: A Phase 2, Double-Blind, Randomized, Placebo-Controlled Trial. Blood, 2020, 136, 23-24. | 1.4 | 2 |
| 41 | The Safety and Efficacy of Novel Agents Targeting Factors XI and XII in Early Phase Human Trials. Seminars in Thrombosis and Hemostasis, 2019, 45, 502-508. | 2.7 | 49 |
| 42 | The contact pathway and sepsis. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 331-339. | 2.3 | 28 |
| 43 | Contact Activation Inhibitor and Factor XI Antibody, AB023, Produces Safe, Dose-Dependent Anticoagulation in a Phase 1 First-In-Human Trial. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 799-809. | 2.4 | 68 |
| 44 | Endothelial PAI-1 (Plasminogen Activator Inhibitor-1) Blocks the Intrinsic Pathway of Coagulation, Inducing the Clearance and Degradation of FXIa (Activated Factor XI). Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1390-1401. | 2.4 | 21 |
| 45 | A nonâ€circulating pool of factor XI associated with glycosaminoglycans in mice. Journal of Thrombosis and Haemostasis, 2019, 17, 1449-1460. | 3.8 | 9 |
| 46 | Modeling the effect of blood vessel bifurcation ratio on occlusive thrombus formation. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 972-980. | 1.6 | 7 |
| 47 | Identification, Quantification, and System Analysis of Protein Nâ€Ìµ Lysine Methylation in Anucleate Blood Platelets. Proteomics, 2019, 19, e1900001. | 2.2 | 7 |
| 48 | Inhibition of contact-mediated activation of factor XI protects baboons against S aureusâ€“induced organ damage and death. Blood Advances, 2019, 3, 658-669. | 5.2 | 50 |
| 49 | Hepatic thrombopoietin gene silencing reduces platelet count and breast cancer progression in transgenic MMTV-PyMT mice. Blood Advances, 2019, 3, 3080-3091. | 5.2 | 22 |
| 50 | Bleeding TAPs out. Journal of Thrombosis and Haemostasis, 2019, 17, 247-249. | 3.8 | 0 |
| 51 | Protease-activated receptor 4 activity promotes platelet granule release and platelet-leukocyte interactions. Platelets, 2019, 30, 126-135. | 2.3 | 27 |
| 52 | Chronic liver disease, thrombocytopenia and procedural bleeding risk; are novel thrombopoietin mimetics the solution?. Platelets, 2019, 30, 796-798. | 2.3 | 11 |
| 53 | The role of coagulation and platelets in colon cancer-associated thrombosis. American Journal of Physiology - Cell Physiology, 2019, 316, C264-C273. | 4.6 | 48 |
| 54 | Tyrosine Kinase Inhibitors (TKIs) Targeting Syk and BTK Signaling Differentially Affect PI3K Signalosome Organization and Platelet Function. Blood, 2019, 134, 2074-2074. | 1.4 | 0 |

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|---|---|---|---|
| 55 | Cardiac Myosin Acts Is a Potent Procoagulant in Vitro and In Vivo. Blood, 2019, 134, 3632-3632. | 1.4 | 0 |
| 56 | TRPing out Platelet Calcium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 285-286. | 2.4 | 5 |
| 57 | Plasma contact factors as therapeutic targets. Blood Reviews, 2018, 32, 433-448. | 5.7 | 50 |
| 58 | Regulation of immune cell signaling by activated protein C. Journal of Leukocyte Biology, 2018, 103, 1197-1203. | 3.3 | 14 |
| 59 | Carpe low-dose aspirin: the new anti-cancer face of an old anti-platelet drug. Platelets, 2018, 29, 773-778. | 2.3 | 12 |
| 60 | A Temporal Examination of Platelet Counts as a Predictor of Prognosis in Lung, Prostate, and Colon Cancer Patients. Scientific Reports, 2018, 8, 6564. | 3.3 | 25 |
| 61 | Potentiation of TRAP-6-induced platelet dense granule release by blockade of P2Y‹sub›12‹/sub›signaling with MRS2395. Platelets, 2018, 29, 383-394. | 2.3 | 15 |
| 62 | Pilot study of novel lab methodology and testing of platelet function in adolescent women with heavy menstrual bleeding. Pediatric Research, 2018, 83, 693-701. | 2.3 | 3 |
| 63 | Factor XII Activation Promotes Platelet Consumption in the Presence of Bacterial-Type Long-Chain Polyphosphate In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1748-1760. | 2.4 | 30 |
| 64 | Effect of Pneumatic Tubing System Transport on Platelet Apheresis Units. Cardiovascular Engineering and Technology, 2018, 9, 515-527. | 1.6 | 3 |
| 65 | Design and Utility of a Point-of-Care Microfluidic Platform to Assess Hematocrit and Blood Coagulation. Cellular and Molecular Bioengineering, 2018, 11, 519-529. | 2.1 | 10 |
| 66 | Platelet procoagulant phenotype is modulated by a p38-MK2 axis that regulates RTN4/Nogo proximal to the endoplasmic reticulum: utility of pathway analysis. American Journal of Physiology - Cell Physiology, 2018, 314, C603-C615. | 4.6 | 18 |
| 67 | The Predictive Value of Inflammation-Related Peripheral Blood Measurements in Cancer Staging and Prognosis. Frontiers in Oncology, 2018, 8, 78. | 2.8 | 73 |
| 68 | Platelet Mechanotransduction. Annual Review of Biomedical Engineering, 2018, 20, 253-275. | 12.3 | 57 |
| 69 | Polyphosphate nanoparticles on the platelet surface trigger contact system activation. Blood, 2017, 129, 1707-1717. | 1.4 | 121 |
| 70 | Aspirin therapy reduces the ability of platelets to promote colon and pancreatic cancer cell proliferation: Implications for the oncoprotein c-MYC. American Journal of Physiology - Cell Physiology, 2017, 312, C176-C189. | 4.6 | 71 |
| 71 | Ibrutinibâ€associated bleeding: pathogenesis, management and risk reduction strategies. Journal of Thrombosis and Haemostasis, 2017, 15, 835-847. | 3.8 | 191 |
| 72 | Activated protein C inhibits neutrophil extracellular trap formation in vitro and activation in vivo. Journal of Biological Chemistry, 2017, 292, 8616-8629. | 3.4 | 84 |

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|---|---|---|---|
| 73 | Assessment of roles for the Rho-specific guanine nucleotide dissociation inhibitor Ly-GDI in platelet function: a spatial systems approach. American Journal of Physiology - Cell Physiology, 2017, 312, C527-C536. | 4.6 | 21 |
| 74 | Utility of microfluidic devices to study the plateletâ€“endothelium interface. Platelets, 2017, 28, 449-456. | 2.3 | 10 |
| 75 | Differential Roles for the Coagulation Factors XI and XII in Regulating the Physical Biology of Fibrin. Annals of Biomedical Engineering, 2017, 45, 1328-1340. | 2.5 | 11 |
| 76 | Ticagrelor breaks up the tumor-platelet party. Blood, 2017, 130, 1177-1178. | 1.4 | 10 |
| 77 | Utility and development of microfluidic platforms for platelet research. Platelets, 2017, 28, 425-426. | 2.3 | 8 |
| 78 | Platelet count as a predictor of metastasis and venous thromboembolism in patients with cancer. Convergent Science Physical Oncology, 2017, 3, 023001. | 2.6 | 38 |
| 79 | Dynamics of Blood Flow and Thrombus Formation in a Multi-Bypass Microfluidic Ladder Network. Cellular and Molecular Bioengineering, 2017, 10, 16-29. | 2.1 | 37 |
| 80 | Nucleic acids as cofactors for factor XI and prekallikrein activation: Different roles for high-molecular-weight kininogen. Thrombosis and Haemostasis, 2017, 117, 671-681. | 3.4 | 36 |
| 81 | Removal of the C-Terminal Domains of ADAMTS13 by Activated Coagulation Factor XI induces Platelet Adhesion on Endothelial Cells under Flow Conditions. Frontiers in Medicine, 2017, 4, 232. | 2.6 | 14 |
| 82 | Factor XI Deficiency Alters the Cytokine Response and Activation of Contact Proteases during Polymicrobial Sepsis in Mice. PLoS ONE, 2016, 11, e0152968. | 2.5 | 49 |
| 83 | Platelet-Derived Short-Chain Polyphosphates Enhance the Inactivation of Tissue Factor Pathway Inhibitor by Activated Coagulation Factor XI. PLoS ONE, 2016, 11, e0165172. | 2.5 | 26 |
| 84 | Prothrombotic skeletal muscle myosin directly enhances prothrombin activation by binding factors Xa and Va. Blood, 2016, 128, 1870-1878. | 1.4 | 34 |
| 85 | Dimensional analysis and scaling relevant to flow models of thrombus formation: communication from the SSC of the ISTH. Journal of Thrombosis and Haemostasis, 2016, 14, 619-622. | 3.8 | 27 |
| 86 | Biorheology of Platelet Activation in the Bloodstream Distal to Thrombus Formation. Cellular and Molecular Bioengineering, 2016, 9, 496-508. | 2.1 | 6 |
| 87 | Heat shock protein 70 regulates platelet integrin activation, granule secretion and aggregation. American Journal of Physiology - Cell Physiology, 2016, 310, C568-C575. | 4.6 | 31 |
| 88 | The hemostatic role of factor XI. Thrombosis Research, 2016, 141, S8-S11. | 1.7 | 60 |
| 89 | Coagulation Factor XI Promotes Distal Platelet Activation and Single Platelet Consumption in the Bloodstream Under Shear Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 510-517. | 2.4 | 28 |
| 90 | Oral administration of Bruton's tyrosine kinase inhibitors impairs GPVI-mediated platelet function. American Journal of Physiology - Cell Physiology, 2016, 310, C373-C380. | 4.6 | 62 |

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|---|---|---|---|
| 91 | E-WE Thrombin (ProCase) Inhibits Thrombin Mediated TAFI Activation and Accelerates TPA-Induced Thrombolysis. Blood, 2016, 128, 1390-1390. | 1.4 | 0 |
| 92 | Identification of Qualitative Platelet Disorders in Adolescent Women with Heavy Menstrual Bleeding. Blood, 2016, 128, 4922-4922. | 1.4 | 2 |
| 93 | Pak2 restrains endomitosis during megakaryopoiesis and alters cytoskeleton organization. Blood, 2015, 125, 2995-3005. | 1.4 | 42 |
| 94 | Critical Behavior of Subcellular Density Organization During Neutrophil Activation and Migration. Cellular and Molecular Bioengineering, 2015, 8, 543-552. | 2.1 | 1 |
| 95 | Activated factor XI increases the procoagulant activity of the extrinsic pathway by inactivating tissue factor pathway inhibitor. Blood, 2015, 125, 1488-1496. | 1.4 | 51 |
| 96 | A physical sciences network characterization of circulating tumor cell aggregate transport. American Journal of Physiology - Cell Physiology, 2015, 308, C792-C802. | 4.6 | 54 |
| 97 | Effect of Ionizing Radiation on the Physical Biology of Head and Neck Squamous Cell Carcinoma Cells. Cellular and Molecular Bioengineering, 2015, 8, 517-525. | 2.1 | 8 |
| 98 | The thrombotic potential of circulating tumor microemboli: computational modeling of circulating tumor cell-induced coagulation. American Journal of Physiology - Cell Physiology, 2015, 308, C229-C236. | 4.6 | 29 |
| 99 | A theme series on Physical Biology in Cancer in AJP-Cell. American Journal of Physiology - Cell Physiology, 2014, 306, C77-C77. | 4.6 | 0 |
| 100 | CXCR7 expression disrupts endothelial cell homeostasis and causes ligand-dependent invasion. Cell Adhesion and Migration, 2014, 8, 165-176. | 2.7 | 8 |
| 101 | Neonatal platelets: mediators of primary hemostasis in the developing hemostatic system. Pediatric Research, 2014, 76, 230-237. | 2.3 | 48 |
| 102 | Network signatures of nuclear and cytoplasmic density alterations in a model of pre and postmetastatic colorectal cancer. Journal of Biomedical Optics, 2014, 19, 016016. | 2.6 | 20 |
| 103 | Measurement Science in the Circulatory System. Cellular and Molecular Bioengineering, 2014, 7, 1-14. | 2.1 | 23 |
| 104 | Factor XII inhibition reduces thrombus formation in a primate thrombosis model. Blood, 2014, 123, 1739-1746. | 1.4 | 187 |
| 105 | Development of a Method to Quantify Platelet Adhesion and Aggregation Under Static Conditions. Cellular and Molecular Bioengineering, 2014, 7, 285-290. | 2.1 | 8 |
| 106 | Rho GTPases in platelet function. Journal of Thrombosis and Haemostasis, 2013, 11, 35-46. | 3.8 | 146 |
| 107 | Microfluidics and Coagulation Biology. Annual Review of Biomedical Engineering, 2013, 15, 283-303. | 12.3 | 110 |
| 108 | Factor XII promotes blood coagulation independent of factor XI in the presence of longâ€chain polyphosphates. Journal of Thrombosis and Haemostasis, 2013, 11, 1341-1352. | 3.8 | 76 |

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|---|---|---|---|
| 109 | The PAK system links Rho GTPase signaling to thrombin-mediated platelet activation. American Journal of Physiology - Cell Physiology, 2013, 305, C519-C528. | 4.6 | 41 |
| 110 | Physiological levels of blood coagulation factors IX and X control coagulation kinetics in anin vitromodel of circulating tissue factor. Physical Biology, 2013, 10, 036003. | 1.8 | 9 |
| 111 | p21 Activated Kinase Signaling Coordinates Glycoprotein Receptor Vlâ€“Mediated Platelet Aggregation, Lamellipodia Formation, and Aggregate Stability Under Shear. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1544-1551. | 2.4 | 34 |
| 112 | Rac and Cdc42 team up for platelets. Blood, 2013, 122, 3096-3097. | 1.4 | 9 |
| 113 | Development Of a Novel Method To Assess Neonatal Platelet Function. Blood, 2013, 122, 4740-4740. | 1.4 | 0 |
| 114 | Regulation of the mTOR-Rac1 axis in platelet function. Small GTPases, 2012, 3, 67-70. | 1.6 | 15 |
| 115 | Inhibition of factor XI activation attenuates inflammation and coagulopathy while improving the survival of mouse polymicrobial sepsis. Blood, 2012, 119, 4762-4768. | 1.4 | 86 |
| 116 | Antibodies to Human Factor XII with Antithrombotic Properties. Blood, 2012, 120, 1106-1106. | 1.4 | 2 |
| 117 | FXII Promotes Coagulation in a FXI and FIX Independent Manner. Blood, 2012, 120, 3362-3362. | 1.4 | 1 |
| 118 | Development of Coagulation Factor Probes for the Identification of Procoagulant Circulating Tumor Cells. Blood, 2012, 120, 634-634. | 1.4 | 1 |
| 119 | Exogenous modification of platelet membranes with the omegaâ€3 fatty acids DHA and EPA impairs thrombogenesis. FASEB Journal, 2012, 26, 1016.5. | 0.5 | 0 |
| 120 | p21-Activated Kinases Regulate Directional Migration and Cytoskeletal Organization in Human Neutrophils. Blood, 2012, 120, 834-834. | 1.4 | 0 |
| 121 | S6K1 and mTOR regulate Rac1-driven platelet activation and aggregation. Blood, 2011, 118, 3129-3136. | 1.4 | 112 |
| 122 | Activated factor XI inhibits chemotaxis of polymorphonuclear leukocytes. Journal of Leukocyte Biology, 2011, 90, 923-927. | 3.3 | 24 |
| 123 | The role of carrier number on the procoagulant activity of tissue factor in blood and plasma. Physical Biology, 2011, 8, 066005. | 1.8 | 14 |
| 124 | Coagulation Factors XIa and XIIa Modulate Neutrophil Elastase Release,. Blood, 2011, 118, 3220-3220. | 1.4 | 0 |
| 125 | Apple Domain-Specific Anti-Factor XI Antibodies Inhibit Venous-Type Thrombosis with Improved Hemostatic Safety Profiles Compared to Enoxaparin in Primates. Blood, 2011, 118, 1173-1173. | 1.4 | 1 |
| 126 | Spatial Separation of TF-Carriers Modulates Procoagulant Activity of Circulating TF. Blood, 2011, 118, 2265-2265. | 1.4 | 0 |

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|---|---|---|---|
| 127 | Rational Design of an Ex Vivo Model of Thrombosis. Cellular and Molecular Bioengineering, 2010, 3, 187-189. | 2.1 | 12 |
| 128 | Laminin promotes coagulation and thrombus formation in a factor XIIâ€dependent manner. Journal of Thrombosis and Haemostasis, 2010, 8, 1295-1301. | 3.8 | 56 |
| 129 | A role for factor XIIaâ€“mediated factor XI activation in thrombus formation in vivo. Blood, 2010, 116, 3981-3989. | 1.4 | 227 |
| 130 | Factor XI Inhibitor Antibody Treatment Improves Survival In a Murine Polymicrobial Sepsis Model. Blood, 2010, 116, 820-820. | 1.4 | 0 |
| 131 | Prevention of vascular graft occlusion and thrombus-associated thrombin generation by inhibition of factor XI. Blood, 2009, 113, 936-944. | 1.4 | 182 |
| 132 | Identification of a novel, actin-rich structure, the actin nodule, in the early stages of platelet spreading. Journal of Thrombosis and Haemostasis, 2008, 6, 1944-1952. | 3.8 | 47 |
| 133 | Capture of Flowing Endothelial Cells Using Surface-Immobilized Anti-Kinase Insert Domain Receptor Antibody. Tissue Engineering - Part C: Methods, 2008, 14, 97-105. | 2.1 | 59 |
| 134 | Relative antithrombotic and antihemostatic effects of protein C activator versus low-molecular-weight heparin in primates. Blood, 2007, 109, 3733-3740. | 1.4 | 49 |
| 135 | MyosinIIa contractility is required for maintenance of platelet structure during spreading on collagen and contributes to thrombus stability. Journal of Thrombosis and Haemostasis, 2007, 5, 2136-2145. | 3.8 | 55 |
| 136 | von Willebrand factor mediates platelet spreading through glycoprotein Ib and alphaIIbbeta3 in the presence of botrocetin and ristocetin, respectively. Journal of Thrombosis and Haemostasis, 2006, 4, 1367-1378. | 3.8 | 53 |
| 137 | The Leech Product Saratin Is a Potent Inhibitor of Both VWF and Integrin Î±2Î²1 Binding to Collagen.. Blood, 2006, 108, 3928-3928. | 1.4 | 0 |
| 138 | Rac1 Is Essential for Platelet Lamellipodia Formation and Aggregate Stability under Flow. Journal of Biological Chemistry, 2005, 280, 39474-39484. | 3.4 | 196 |
| 139 | GPVI and integrin alphaIIbbeta3 signaling in platelets. Journal of Thrombosis and Haemostasis, 2005, 3, 1752-1762. | 3.8 | 374 |
| 140 | Preferential binding of platelets to monocytes over neutrophils under flow. Biochemical and Biophysical Research Communications, 2005, 329, 345-355. | 2.1 | 42 |
| 141 | Evaluation of Platelet Antagonists in In Vitro Flow Models of Thrombosis. , 2004, 93, 21-34. | | 6 |
| 142 | Evaluation of the role of platelet integrins in fibronectin-dependent spreading and adhesion. Journal of Thrombosis and Haemostasis, 2004, 2, 1823-1833. | 3.8 | 81 |
| 143 | Single Molecule Characterization of P-selectin/Ligand Binding. Journal of Biological Chemistry, 2003, 278, 10556-10561. | 3.4 | 167 |
| 144 | Exogenous eosinophil activation converts PSGL-1-dependent binding to CD18-dependent stable adhesion to platelets in shear flow. American Journal of Physiology - Cell Physiology, 2003, 284, C1223-C1234. | 4.6 | 28 |

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|---|---|---|---|
| 145 | Fluid Shear Regulates the Kinetics and Molecular Mechanisms of Activation-Dependent Platelet Binding to Colon Carcinoma Cells. Biophysical Journal, 2002, 83, 836-848. | 0.5 | 58 |
| 146 | Immobilized platelets support human colon carcinoma cell tethering, rolling, and firm adhesion under dynamic flow conditions. Blood, 2000, 96, 1789-1797. | 1.4 | 196 |