

# Paul A Gurbel

## List of Publications by Citations

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354  
papers

20,473  
citations

62  
h-index

137  
g-index

394  
ext. papers

23,287  
ext. citations

6.3  
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6.54  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 354 | Clopidogrel for coronary stenting: response variability, drug resistance, and the effect of pretreatment platelet reactivity. <i>Circulation</i> , <b>2003</b> , 107, 2908-13   | 16.7 | 1280      |
| 353 | Association of cytochrome P450 2C19 genotype with the antiplatelet effect and clinical efficacy of clopidogrel therapy. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 302, 849-57   | 27.4 | 1070      |
| 352 | Consensus and future directions on the definition of high on-treatment platelet reactivity to adenosine diphosphate. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 919-33  | 15.1 | 913       |
| 351 | Randomized double-blind assessment of the ONSET and OFFSET of the antiplatelet effects of ticagrelor versus clopidogrel in patients with stable coronary artery disease: the ONSET/OFFSET study. <i>Circulation</i> , <b>2009</b> , 120, 2577-85                              | 16.7 | 866       |
| 350 | Reduced-function CYP2C19 genotype and risk of adverse clinical outcomes among patients treated with clopidogrel predominantly for PCI: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2010</b> , 304, 1821-30                                | 27.4 | 778       |
| 349 | Consensus and update on the definition of on-treatment platelet reactivity to adenosine diphosphate associated with ischemia and bleeding. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2261-73   | 15.1 | 693       |
| 348 | Prasugrel versus clopidogrel for acute coronary syndromes without revascularization. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 1297-309   | 59.2 | 631       |
| 347 | Platelet reactivity and clinical outcomes after coronary artery implantation of drug-eluting stents (ADAPT-DES): a prospective multicentre registry study. <i>Lancet, The</i> , <b>2013</b> , 382, 614-23   | 40   | 606       |
| 346 | Platelet reactivity in patients and recurrent events post-stenting: results of the PREPARE POST-STENTING Study. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1820-6   | 15.1 | 561       |
| 345 | Clopidogrel effect on platelet reactivity in patients with stent thrombosis: results of the CREST Study. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1827-32   | 15.1 | 461       |
| 344 | Contribution of hepatic cytochrome P450 3A4 metabolic activity to the phenomenon of clopidogrel resistance. <i>Circulation</i> , <b>2004</b> , 109, 166-71  | 16.7 | 399       |
| 343 | Ticagrelor with or without Aspirin in High-Risk Patients after PCI. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2032-2042   | 59.2 | 395       |
| 342 | Platelet function monitoring in patients with coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 1822-34   | 15.1 | 384       |
| 341 | Inhibition of platelet aggregation by AZD6140, a reversible oral P2Y12 receptor antagonist, compared with clopidogrel in patients with acute coronary syndromes. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 1852-6                              | 15.1 | 375       |
| 340 | Response to ticagrelor in clopidogrel nonresponders and responders and effect of switching therapies: the RESPOND study. <i>Circulation</i> , <b>2010</b> , 121, 1188-99  | 16.7 | 372       |
| 339 | Increased risk in patients with high platelet aggregation receiving chronic clopidogrel therapy undergoing percutaneous coronary intervention: is the current antiplatelet therapy adequate?. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 657-66 | 15.1 | 328       |
| 338 | The relation of dosing to clopidogrel responsiveness and the incidence of high post-treatment platelet aggregation in patients undergoing coronary stenting. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1392-6                                  | 15.1 | 317       |

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| 337 | Evaluation of dose-related effects of aspirin on platelet function: results from the Aspirin-Induced Platelet Effect (ASPECT) study. <i>Circulation</i> , <b>2007</b> , 115, 3156-64  | 16.7 | 315 |
| 336 | Clopidogrel loading with eptifibatide to arrest the reactivity of platelets: results of the Clopidogrel Loading With Eptifibatide to Arrest the Reactivity of Platelets (CLEAR PLATELETS) study. <i>Circulation</i> , <b>2005</b> , 111, 1153-9   | 16.7 | 312 |
| 335 | Overestimation of platelet aspirin resistance detection by thrombelastograph platelet mapping and validation by conventional aggregometry using arachidonic acid stimulation. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1705-9   | 15.1 | 258 |
| 334 | The effect of blockade of the CD11/CD18 integrin receptor on infarct size in patients with acute myocardial infarction treated with direct angioplasty: the results of the HALT-MI study. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 40, 1199-204   | 15.1 | 226 |
| 333 | Bleeding and stent thrombosis on P2Y12-inhibitors: collaborative analysis on the role of platelet reactivity for risk stratification after percutaneous coronary intervention. <i>European Heart Journal</i> , <b>2015</b> , 36, 1762-71  | 9.5  | 218 |
| 332 | International Expert Consensus on Switching Platelet P2Y Receptor-Inhibiting Therapies. <i>Circulation</i> , <b>2017</b> , 136, 1955-1975   | 16.7 | 215 |
| 331 | Platelet function measurement-based strategy to reduce bleeding and waiting time in clopidogrel-treated patients undergoing coronary artery bypass graft surgery: the timing based on platelet function strategy to reduce clopidogrel-associated bleeding related to CABG (TARGET-CABG) study. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 261-9 | 6    | 196 |
| 330 | Updated Expert Consensus Statement on Platelet Function and Genetic Testing for Guiding P2Y Receptor Inhibitor Treatment in Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1521-1537   | 5    | 189 |
| 329 | The association of cigarette smoking with enhanced platelet inhibition by clopidogrel. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 531-3   | 15.1 | 187 |
| 328 | Platelet function during extended prasugrel and clopidogrel therapy for patients with ACS treated without revascularization: the TRILOGY ACS platelet function substudy. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 308, 1785-94   | 27.4 | 176 |
| 327 | The effect of aspirin dosing on platelet function in diabetic and nondiabetic patients: an analysis from the aspirin-induced platelet effect (ASPECT) study. <i>Diabetes</i> , <b>2007</b> , 56, 3014-9   | 0.9  | 174 |
| 326 | Increased platelet inhibition after switching from maintenance clopidogrel to prasugrel in patients with acute coronary syndromes: results of the SWAP (Switching Anti Platelet) study. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 1017-23  | 15.1 | 148 |
| 325 | Effects of reteplase and alteplase on platelet aggregation and major receptor expression during the first 24 hours of acute myocardial infarction treatment. GUSTO-III Investigators. Global Use of Strategies to Open Occluded Coronary Arteries. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 31, 1466-73                                       | 15.1 | 145 |
| 324 | Clopidogrel resistance?. <i>Thrombosis Research</i> , <b>2007</b> , 120, 311-21   | 8.2  | 137 |
| 323 | First analysis of the relation between CYP2C19 genotype and pharmacodynamics in patients treated with ticagrelor versus clopidogrel: the ONSET/OFFSET and RESPOND genotype studies. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 556-66   |      | 135 |
| 322 | Incidence of dyspnea and assessment of cardiac and pulmonary function in patients with stable coronary artery disease receiving ticagrelor, clopidogrel, or placebo in the ONSET/OFFSET study. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 185-93  | 15.1 | 132 |
| 321 | Adenosine diphosphate-induced platelet-fibrin clot strength: a new thrombelastographic indicator of long-term poststenting ischemic events. <i>American Heart Journal</i> , <b>2010</b> , 160, 346-54   | 4.9  | 123 |
| 320 | The difference between clopidogrel responsiveness and posttreatment platelet reactivity. <i>Thrombosis Research</i> , <b>2005</b> , 115, 89-94  | 8.2  | 123 |

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| 319 | Optimal timing of coronary invasive strategy in non-ST-segment elevation acute coronary syndromes: a systematic review and meta-analysis. <i>Annals of Internal Medicine</i> , <b>2013</b> , 158, 261-70   | 8    | 115 |
| 318 | Durability of platelet inhibition by clopidogrel. <i>American Journal of Cardiology</i> , <b>2003</b> , 91, 1123-5   | 3    | 110 |
| 317 | Usefulness of soluble and surface-bound P-selectin in detecting heightened platelet activity in patients with congestive heart failure. <i>American Journal of Cardiology</i> , <b>1999</b> , 83, 1345-9   | 3    | 108 |
| 316 | The functional G143E variant of carboxylesterase 1 is associated with increased clopidogrel active metabolite levels and greater clopidogrel response. <i>Pharmacogenetics and Genomics</i> , <b>2013</b> , 23, 1-8  | 1.9  | 107 |
| 315 | Onset and extent of platelet inhibition by clopidogrel loading in patients undergoing elective coronary stenting: the Plavix Reduction Of New Thrombus Occurrence (PRONTO) trial. <i>American Heart Journal</i> , <b>2003</b> , 145, 239-47  | 4.9  | 106 |
| 314 | The influence of smoking status on the pharmacokinetics and pharmacodynamics of clopidogrel and prasugrel: the PARADOX study. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 505-12  | 15.1 | 104 |
| 313 | First report of the point-of-care TEG: A technical validation study of the TEG-6S system. <i>Platelets</i> , <b>2016</b> , 27, 642-649   | 3.6  | 101 |
| 312 | Combination antithrombotic therapies. <i>Circulation</i> , <b>2010</b> , 121, 569-83   | 16.7 | 96  |
| 311 | Effect of CYP2C19*2 and *3 loss-of-function alleles on platelet reactivity and adverse clinical events in East Asian acute myocardial infarction survivors treated with clopidogrel and aspirin. <i>Circulation: Cardiovascular Interventions</i> , <b>2011</b> , 4, 585-94            | 6    | 91  |
| 310 | Platelet reactivity to adenosine diphosphate and long-term ischemic event occurrence following percutaneous coronary intervention: a potential antiplatelet therapeutic target. <i>Platelets</i> , <b>2008</b> , 19, 595-604   | 3.6  | 89  |
| 309 | Drug insight: Clopidogrel nonresponsiveness. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2006</b> , 3, 387-95   |      | 89  |
| 308 | Do platelet function testing and genotyping improve outcome in patients treated with antithrombotic agents?: platelet function testing and genotyping improve outcome in patients treated with antithrombotic agents. <i>Circulation</i> , <b>2012</b> , 125, 1276-87; discussion 1287 | 16.7 | 85  |
| 307 | The effect of elinogrel on high platelet reactivity during dual antiplatelet therapy and the relation to CYP2C19*2 genotype: first experience in patients. <i>Journal of Thrombosis and Haemostasis</i> , <b>2010</b> , 8, 43-53   | 15.4 | 81  |
| 306 | Genetic variation in PEAR1 is associated with platelet aggregation and cardiovascular outcomes. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 184-92  |      | 80  |
| 305 | Pharmacodynamic evaluation of switching from ticagrelor to prasugrel in patients with stable coronary artery disease: Results of the SWAP-2 Study (Switching Anti Platelet-2). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1500-9                         | 15.1 | 78  |
| 304 | Advances in antiplatelet therapy: agents in clinical development. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 40A-51A   | 3    | 75  |
| 303 | Role of soluble and platelet-bound P-selectin in discriminating cardiac from noncardiac chest pain at presentation in the emergency department. <i>American Heart Journal</i> , <b>2000</b> , 139, 320-328   | 4.9  | 73  |
| 302 | Cell-Penetrating Pepducin Therapy Targeting PAR1 in Subjects With Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 189-97  | 9.4  | 71  |

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| 301 | Genotyping: one piece of the puzzle to personalize antiplatelet therapy. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 112-6   | 15.1 | 71 |
| 300 | Effect of clopidogrel with and without eptifibatide on tumor necrosis factor-alpha and C-reactive protein release after elective stenting: results from the CLEAR PLATELETS 1b study. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 2186-91  | 15.1 | 71 |
| 299 | Platelet activation in myocardial ischemic syndromes. <i>Expert Review of Cardiovascular Therapy</i> , <b>2004</b> , 2, 535-45  | 2.5  | 69 |
| 298 | The relation between CYP2C19 genotype and phenotype in stented patients on maintenance dual antiplatelet therapy. <i>American Heart Journal</i> , <b>2011</b> , 161, 598-604  | 4.9  | 68 |
| 297 | Prasugrel 5 mg in the very elderly attenuates platelet inhibition but maintains noninferiority to prasugrel 10 mg in nonelderly patients: the GENERATIONS trial, a pharmacodynamic and pharmacokinetic study in stable coronary artery disease patients. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 577-83  | 15.1 | 66 |
| 296 | A randomized, double-blind, active-controlled phase 2 trial to evaluate a novel selective and reversible intravenous and oral P2Y12 inhibitor elinogrel versus clopidogrel in patients undergoing nonurgent percutaneous coronary intervention: the INNOVATE-PCI trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 226-35  | 6    | 66 |
| 295 | Aspirin resistance. <i>Progress in Cardiovascular Diseases</i> , <b>2009</b> , 52, 141-52   | 8.5  | 64 |
| 294 | The effect of ticagrelor versus clopidogrel on high on-treatment platelet reactivity: combined analysis of the ONSET/OFFSET and RESPOND studies. <i>American Heart Journal</i> , <b>2011</b> , 162, 160-5   | 4.9  | 63 |
| 293 | The effect of St John's Wort on the pharmacodynamic response of clopidogrel in hyporesponsive volunteers and patients: increased platelet inhibition by enhancement of CYP3A4 metabolic activity. <i>Journal of Cardiovascular Pharmacology</i> , <b>2011</b> , 57, 86-93   | 3.1  | 62 |
| 292 | Hypercoagulability, platelet function, inflammation and coronary artery disease acuity: results of the Thrombotic Risk Progression (TRIP) study. <i>Platelets</i> , <b>2010</b> , 21, 360-7   | 3.6  | 62 |
| 291 | Recent developments in clopidogrel pharmacology and their relation to clinical outcomes. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2009</b> , 5, 989-1004  | 5.5  | 62 |
| 290 | Effect of selective serotonin reuptake inhibitors on platelets in patients with coronary artery disease. <i>American Journal of Cardiology</i> , <b>2001</b> , 87, 1398-400   | 3    | 61 |
| 289 | Usefulness of the VerifyNow P2Y12 assay to evaluate the antiplatelet effects of ticagrelor and clopidogrel therapies. <i>American Heart Journal</i> , <b>2012</b> , 164, 35-42  | 4.9  | 60 |
| 288 | Bleeding and thrombosis associated with ventricular assist device therapy. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 1164-1173   | 5.8  | 57 |
| 287 | Dark chocolate effect on platelet activity, C-reactive protein and lipid profile: a pilot study. <i>Southern Medical Journal</i> , <b>2008</b> , 101, 1203-8  | 0.6  | 56 |
| 286 | Bivalirudin and clopidogrel with and without eptifibatide for elective stenting: effects on platelet function, thrombelastographic indexes, and their relation to periprocedural infarction results of the CLEAR PLATELETS-2 (Clopidogrel with Eptifibatide to Arrest the Reactivity of Platelets) study. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 112-57 | 15.1 | 55 |
| 285 | The relation between platelet reactivity and glycemic control in diabetic patients with cardiovascular disease on maintenance aspirin and clopidogrel therapy. <i>American Heart Journal</i> , <b>2009</b> , 158, 784.e1-6  | 4.9  | 54 |
| 284 | Resistance to antiplatelet drugs: current status and future research. <i>Expert Opinion on Pharmacotherapy</i> , <b>2005</b> , 6, 2027-45   | 4    | 54 |

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| 283 | G-protein-coupled receptors signaling pathways in new antiplatelet drug development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 500-12   | 9.4  | 53 |
| 282 | Antiplatelet treatment for prevention of cerebrovascular events in patients with vascular diseases: a systematic review and meta-analysis. <i>Stroke</i> , <b>2014</b> , 45, 492-503  | 6.7  | 53 |
| 281 | Combination Antiplatelet and Oral Anticoagulant Therapy in Patients With Coronary and Peripheral Artery Disease. <i>Circulation</i> , <b>2019</b> , 139, 2170-2185  | 16.7 | 49 |
| 280 | AZD6140. <i>Expert Opinion on Investigational Drugs</i> , <b>2007</b> , 16, 225-9   | 5.9  | 48 |
| 279 | Heterogeneity of platelet aggregation and major surface receptor expression in patients with acute myocardial infarction. <i>American Heart Journal</i> , <b>1998</b> , 136, 398-405  | 4.9  | 48 |
| 278 | Prevalence and impact of high platelet reactivity in chronic kidney disease: results from the Assessment of Dual Antiplatelet Therapy with Drug-Eluting Stents registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8, e001683              | 6    | 47 |
| 277 | Assessment of clopidogrel responsiveness: measurements of maximum platelet aggregation, final platelet aggregation and their correlation with vasodilator-stimulated phosphoprotein in resistant patients. <i>Thrombosis Research</i> , <b>2007</b> , 121, 107-15 | 8.2  | 47 |
| 276 | The East Asian Paradox: An Updated Position Statement on the Challenges to the Current Antithrombotic Strategy in Patients with Cardiovascular Disease. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 422-432  | 7    | 47 |
| 275 | Prevalence of aspirin and clopidogrel resistance among patients with and without drug-eluting stent thrombosis. <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 525-30   | 3    | 46 |
| 274 | Clinical utility of available methods for determining platelet function. <i>Cardiology</i> , <b>1999</b> , 92, 240-7  | 1.6  | 46 |
| 273 | Determination of non-Vitamin K oral anticoagulant (NOAC) effects using a new-generation thrombelastography TEG 6s system. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2017</b> , 43, 437-445   | 5.1  | 44 |
| 272 | Comparative Efficacy and Safety of Oral P2Y Inhibitors in Acute Coronary Syndrome: Network Meta-Analysis of 52 816 Patients From 12 Randomized Trials. <i>Circulation</i> , <b>2020</b> , 142, 150-160  | 16.7 | 44 |
| 271 | Pharmacokinetics and pharmacodynamics of ticagrelor in patients with stable coronary artery disease: results from the ONSET-OFFSET and RESPOND studies. <i>Clinical Pharmacokinetics</i> , <b>2012</b> , 51, 397-409  | 6.3  | 44 |
| 270 | Clopidogrel and proton pump inhibitors: influence of pharmacological interactions on clinical outcomes and mechanistic explanations. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 365-80  | 5    | 43 |
| 269 | Aspirin and clopidogrel resistance: consideration and management. <i>Journal of Interventional Cardiology</i> , <b>2006</b> , 19, 439-48  | 1.8  | 43 |
| 268 | Clopidogrel efficacy and cigarette smoking status. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 307, 2495-6  | 27.4 | 42 |
| 267 | Platelet function measured by VerifyNow identifies generalized high platelet reactivity in aspirin treated patients. <i>Platelets</i> , <b>2007</b> , 18, 414-23  | 3.6  | 42 |
| 266 | Effect of long-term clopidogrel treatment on platelet function and inflammation in patients undergoing coronary arterial stenting. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 1546-50   | 3    | 41 |

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| 265 | Failure of clopidogrel to reduce platelet reactivity and activation following standard dosing in elective stenting: implications for thrombotic events and restenosis. <i>Platelets</i> , <b>2004</b> , 15, 95-9   | 3.6  | 41 |
| 264 | Antiplatelet and anticoagulant agents in heart failure: current status and future perspectives. <i>JACC: Heart Failure</i> , <b>2014</b> , 2, 1-14   | 7.9  | 40 |
| 263 | Peri-procedural platelet function and platelet inhibition in percutaneous coronary intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2008</b> , 1, 111-21   | 5    | 40 |
| 262 | Delayed thrombin-induced platelet-fibrin clot generation by clopidogrel: a new dose-related effect demonstrated by thrombelastography in patients undergoing coronary artery stenting. <i>Thrombosis Research</i> , <b>2007</b> , 119, 563-70  | 8.2  | 40 |
| 261 | Quantification of antibody avidities and accurate detection of SARS-CoV-2 antibodies in serum and saliva on plasmonic substrates. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 1188-1196  | 19   | 40 |
| 260 | Ticagrelor With or Without Aspirin After PCI: The TWILIGHT Platelet Substudy. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 578-586   | 15.1 | 39 |
| 259 | Race and sex differences in thrombogenicity: risk of ischemic events following coronary stenting. <i>Blood Coagulation and Fibrinolysis</i> , <b>2008</b> , 19, 268-75   | 1    | 38 |
| 258 | Ticagrelor alone vs. ticagrelor plus aspirin following percutaneous coronary intervention in patients with non-ST-segment elevation acute coronary syndromes: TWILIGHT-ACS. <i>European Heart Journal</i> , <b>2020</b> , 41, 3533-3545  | 9.5  | 37 |
| 257 | Platelet reactivity during ticagrelor maintenance therapy: a patient-level data meta-analysis. <i>American Heart Journal</i> , <b>2014</b> , 168, 530-6  | 4.9  | 36 |
| 256 | Cardiovascular safety of NSAIDs: Additional insights after PRECISION and point of view. <i>Clinical Cardiology</i> , <b>2017</b> , 40, 1352-1356   | 3.3  | 36 |
| 255 | The link between heightened thrombogenicity and inflammation: pre-procedure characterization of the patient at high risk for recurrent events after stenting. <i>Platelets</i> , <b>2009</b> , 20, 97-104  | 3.6  | 36 |
| 254 | Platelet-Mediated Thrombosis: From Bench to Bedside. <i>Circulation Research</i> , <b>2016</b> , 118, 1380-91  | 15.7 | 36 |
| 253 | Platelet P2Y12 receptor antagonist pharmacokinetics and pharmacodynamics: A foundation for distinguishing mechanisms of bleeding and anticipated risk for platelet-directed therapies. <i>Thrombosis and Haemostasis</i> , <b>2010</b> , 103, 535-44   | 7    | 35 |
| 252 | Biomarker analysis by fluorokine multianalyte profiling distinguishes patients requiring intervention from patients with long-term quiescent coronary artery disease: a potential approach to identify atherosclerotic disease progression. <i>American Heart Journal</i> , <b>2008</b> , 155, 56-61 | 4.9  | 35 |
| 251 | Antiplatelet drug resistance and drug-drug interactions: Role of cytochrome P450 3A4. <i>Pharmaceutical Research</i> , <b>2006</b> , 23, 2691-708  | 4.5  | 35 |
| 250 | Clopidogrel: the future choice for preventing platelet activation during coronary stenting?. <i>Pharmacological Research</i> , <b>1999</b> , 40, 107-11  | 10.2 | 35 |
| 249 | Increased soluble platelet/endothelial cellular adhesion molecule-1 and osteonectin levels in patients with severe congestive heart failure. Independence of disease etiology, and antecedent aspirin therapy. <i>European Journal of Heart Failure</i> , <b>1999</b> , 1, 243-9                     | 12.3 | 34 |
| 248 | Point-of-Care Technologies for Precision Cardiovascular Care and Clinical Research: National Heart, Lung, and Blood Institute Working Group. <i>JACC Basic To Translational Science</i> , <b>2016</b> , 1, 73-86   | 8.7  | 34 |

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| 247 | The drug-drug interaction between proton pump inhibitors and clopidogrel. <i>Cmaj</i> , <b>2009</b> , 180, 699-700  | 3.5  | 33 |
| 246 | Impact of CYP2C19 Metabolizer Status on Patients With ACS Treated With Prasugrel Versus Clopidogrel. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 936-947   | 15.1 | 32 |
| 245 | Evaluating the clinical usefulness of platelet function testing: considerations for the proper application and interpretation of performance measures. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 109, 808-167   | 7    | 32 |
| 244 | Accelerated platelet inhibition by switching from atorvastatin to a non-CYP3A4-metabolized statin in patients with high platelet reactivity (ACCEL-STATIN) study. <i>European Heart Journal</i> , <b>2012</b> , 33, 2151-62   | 9.5  | 32 |
| 243 | Uniform platelet activation exists before coronary stent implantation despite aspirin therapy. <i>American Heart Journal</i> , <b>2001</b> , 142, 611-6   | 4.9  | 31 |
| 242 | The role of platelet receptors and adhesion molecules in coronary artery disease. <i>Coronary Artery Disease</i> , <b>2003</b> , 14, 65-79  | 1.4  | 30 |
| 241 | Advocating cardiovascular precision medicine with P2Y12 receptor inhibitors. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2017</b> , 3, 221-234  | 6.4  | 29 |
| 240 | Inflammatory changes during the common cold are associated with platelet activation and increased reactivity of platelets to agonists. <i>Blood Coagulation and Fibrinolysis</i> , <b>2007</b> , 18, 713-8  | 1    | 29 |
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| 238 | Does Platelet Reactivity Predict Bleeding in Patients Needing Urgent Coronary Artery Bypass Grafting During Dual Antiplatelet Therapy?. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 2010-2017  | 2.7  | 28 |
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