# Juan A. Rosado

List of Publications by Year
in descending order

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|---|---|---|---|
| 256 papers | 9,116 citations | 30070 54 h-index | 71685 76 g-index |
| 261 all docs | 261 docs citations | 261 times ranked | 7134 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Orai1Î±, but not Orai1Î², co-localizes with TRPC1 and is required for its plasma membrane location and activation in HeLa cells. Cellular and Molecular Life Sciences, 2022, 79, 33. | 5.4 | 9 |
| 2 | Orai2 Modulates Store-Operated Ca2+ Entry and Cell Cycle Progression in Breast Cancer Cells. Cancers, 2022, 14, 114. | 3.7 | 17 |
| 3 | Store-Operated Calcium Entry and Its Implications in Cancer Stem Cells. Cells, 2022, 11, 1332. | 4.1 | 8 |
| 4 | PKC-Mediated Orai1 Channel Phosphorylation Modulates Ca2+ Signaling in HeLa Cells. Cells, 2022, 11, 2037. | 4.1 | 2 |
| 5 | Melatonin downregulates TRPC6, impairing store-operated calcium entry in triple-negative breast cancer cells. Journal of Biological Chemistry, 2021, 296, 100254. | 3.4 | 16 |
| 6 | SARAF and Orai1 Contribute to Endothelial Cell Activation and Angiogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 639952. | 3.7 | 12 |
| 7 | Furin Prodomain ppFurin Enhances Ca2+ Entry Through Orai and TRPC6 Channelsâ€™ Activation in Breast Cancer Cells. Cancers, 2021, 13, 1670. | 3.7 | 10 |
| 8 | The Orai1-AC8 Interplay: How Breast Cancer Cells Escape from Orai1 Channel Inactivation. Cells, 2021, 10, 1308. | 4.1 | 3 |
| 9 | TMEM97 facilitates the activation of SOCE by downregulating the association of cholesterol to Orai1 in MDA-MB-231 cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158906. | 2.4 | 6 |
| 10 | SARAF and EFHB Modulate Store-Operated Ca2+ Entry and Are Required for Cell Proliferation, Migration and Viability in Breast Cancer Cells. Cancers, 2021, 13, 4160. | 3.7 | 9 |
| 11 | Role of Orai3 in the Pathophysiology of Cancer. International Journal of Molecular Sciences, 2021, 22, 11426. | 4.1 | 9 |
| 12 | PGRMC1 Inhibits Progesterone-Evoked Proliferation and Ca2+ Entry Via STIM2 in MDA-MB-231 Cells. International Journal of Molecular Sciences, 2020, 21, 7641. | 4.1 | 14 |
| 13 | Experiencias de Docencia Virtual en Facultades de Medicina EspaÃ±olas durante la pandemia COVID-19 (I): AnatomÃa, FisiologÃa, FisiopatologÃa, OncologÃa. Revista EspaÃ‘ola De EducaciÃ“n MÃ‰dica, 2020, 1, 32-39. | 0.1 | 3 |
| 14 | TRPC6 channel and its implications in breast cancer: an overview. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118828. | 4.1 | 15 |
| 15 | Arachidonic Acid Attenuates Cell Proliferation, Migration and Viability by a Mechanism Independent on Calcium Entry. International Journal of Molecular Sciences, 2020, 21, 3315. | 4.1 | 14 |
| 16 | TRPC Channels: Dysregulation and Ca2+ Mishandling in Ischemic Heart Disease. Cells, 2020, 9, 173. | 4.1 | 20 |
| 17 | NO1, a New Sigma 2 Receptor/TMEM97 Fluorescent Ligand, Downregulates SOCE and Promotes Apoptosis in the Triple Negative Breast Cancer Cell Lines. Cancers, 2020, 12, 257. | 3.7 | 25 |
| 18 | TRPC Channels in the SOCE Scenario. Cells, 2020, 9, 126. | 4.1 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Anticancer molecular mechanisms of oleocanthal. Phytotherapy Research, 2020, 34, 2820-2834. | 5.8 | 15 |
| 20 | Molecular Basis and Regulation of Store-Operated Calcium Entry. Advances in Experimental Medicine and Biology, 2020, 1131, 445-469. | 1.6 | 27 |
| 21 | Pathophysiological Significance of Store-Operated Calcium Entry in Cardiovascular and Skeletal Muscle Disorders and Angiogenesis. Advances in Experimental Medicine and Biology, 2020, 1131, 489-504. | 1.6 | 10 |
| 22 | Non-coding RNAs and Ischemic Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2020, 1229, 259-271. | 1.6 | 6 |
| 23 | Functional role of TRPC6 and STIM2 in cytosolic and endoplasmic reticulum Ca2+ content in resting estrogen receptor-positive breast cancer cells. Biochemical Journal, 2020, 477, 3183-3197. | 3.7 | 12 |
| 24 | ELA/APELA precursor cleaved by furin displays tumor suppressor function in renal cell carcinoma through mTORC1 activation. JCI Insight, 2020, 5, . | 5.0 | 25 |
| 25 | Cross-Talk Between the Adenylyl Cyclase/cAMP Pathway and Ca2+ Homeostasis. Reviews of Physiology, Biochemistry and Pharmacology, 2020, 179, 73-116. | 1.6 | 11 |
| 26 | Inactivation of Proprotein Convertases in T Cells Inhibits PD-1 Expression and Creates a Favorable Immune Microenvironment in Colorectal Cancer. Cancer Research, 2019, 79, 5008-5021. | 0.9 | 34 |
| 27 | Adenylyl Cyclase Type 8 Overexpression Impairs Phosphorylation-Dependent Orai1 Inactivation and Promotes Migration in MDA-MB-231 Breast Cancer Cells. Cancers, 2019, 11, 1624. | 3.7 | 36 |
| 28 | Special Issue on New Cellular, Genetic and Proteomic Tools in the Prevention and Management of Diabetes Mellitus. Current Medicinal Chemistry, 2019, 26, 4100-4101. | 2.4 | 0 |
| 29 | TRP Channels: Current Perspectives in the Adverse Cardiac Remodeling. Frontiers in Physiology, 2019, 10, 159. | 2.8 | 49 |
| 30 | Store-independent Orai1-mediated Ca2+ entry and cancer. Cell Calcium, 2019, 80, 1-7. | 2.4 | 28 |
| 31 | STIM1 phosphorylation at Y316 modulates its interaction with SARAF and the activation of SOCE and ICRAC. Journal of Cell Science, 2019, 132, . | 2.0 | 25 |
| 32 | (â^')â€'Oleocanthal inhibits proliferation and migration by modulating Ca2+ entry through TRPC6 in breast cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 474-485. | 4.1 | 44 |
| 33 | Fine-tuning of microRNAs in Type 2 Diabetes Mellitus. Current Medicinal Chemistry, 2019, 26, 4102-4118. | 2.4 | 10 |
| 34 | Flavonoids and Platelet-Derived Thrombotic Disorders. Current Medicinal Chemistry, 2019, 26, 7035-7047. | 2.4 | 12 |
| 35 | Filamin A Modulates Store-Operated Ca <sup>2+</sup> Entry by Regulating STIM1 (Stromal Interaction) Tj ETQq1 1 0.784314 rgBT /Ov Biology, 2018, 38, 386-397. | 2.4 | 26 |
| 36 | Involvement of stanniocalcins in the deregulation of glycaemia in obese mice and type 2 diabetic patients. Journal of Cellular and Molecular Medicine, 2018, 22, 684-694. | 3.6 | 17 |

| # | Article | IF | Citations |
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| 37 | Fine-tuning of store-operated calcium entry by fast and slow Ca2+-dependent inactivation: Involvement of SARAF. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 463-469. | 4.1 | 26 |
| 38 | EFHB is a Novel Cytosolic Ca2+ Sensor That Modulates STIM1-SARAF Interaction. Cellular Physiology and Biochemistry, 2018, 51, 1164-1178. | 1.6 | 25 |
| 39 | TRP Channels in Angiogenesis and Other Endothelial Functions. Frontiers in Physiology, 2018, 9, 1731. | 2.8 | 55 |
| 40 | Store-Operated Ca2+ Entry in Breast Cancer Cells: Remodeling and Functional Role. International Journal of Molecular Sciences, 2018, 19, 4053. | 4.1 | 35 |
| 41 | TRPC6 Channels Are Required for Proliferation, Migration and Invasion of Breast Cancer Cell Lines by Modulation of Orai1 and Orai3 Surface Exposure. Cancers, 2018, 10, 331. | 3.7 | 67 |
| 42 | Fluorescence-Based Measurements of the CRAC Channel Activity in Cell Populations. Methods in Molecular Biology, 2018, 1843, 69-82. | 0.9 | 0 |
| 43 | The Complex Role of Store Operated Calcium Entry Pathways and Related Proteins in the Function of Cardiac, Skeletal and Vascular Smooth Muscle Cells. Frontiers in Physiology, 2018, 9, 257. | 2.8 | 74 |
| 44 | Urocortin-2 Prevents Dysregulation of Ca2+ Homeostasis and Improves Early Cardiac Remodeling After Ischemia and Reperfusion. Frontiers in Physiology, 2018, 9, 813. | 2.8 | 21 |
| 45 | Filamin A modulates platelet function. Aging, 2018, 10, 3052-3053. | 3.1 | 2 |
| 46 | Phytochemical, Anti-diabetic and Cardiovascular Properties of Urtica dioica L. (Urticaceae): A Review. Mini-Reviews in Medicinal Chemistry, 2018, 19, 63-71. | 2.4 | 35 |
| 47 | Role of STIM2 in cell function and physiopathology. Journal of Physiology, 2017, 595, 3111-3128. | 2.9 | 59 |
| 48 | Role of homocysteine and folic acid on the altered calcium homeostasis of platelets from rats with biliary cirrhosis. Platelets, 2017, 28, 698-705. | 2.3 | 9 |
| 49 | Introduction: Overview of the Pathophysiological Implications of Store-Operated Calcium Entry in Mammalian Cells. Advances in Experimental Medicine and Biology, 2017, 993, 391-395. | 1.6 | 2 |
| 50 | miR-125a, miR-139 and miR-324 contribute to Urocortin protection against myocardial ischemia-reperfusion injury. Scientific Reports, 2017, 7, 8898. | 3.3 | 50 |
| 51 | Role of STIM1 in the surface expression of SARAF. Channels, 2017, 11, 84-88. | 2.8 | 19 |
| 52 | Orai1 and Orai2 mediate store-operated calcium entry that regulates HL60 cell migration and FAK phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1064-1070. | 4.1 | 43 |
| 53 | TRPs in Pain Sensation. Frontiers in Physiology, 2017, 8, 392. | 2.8 | 104 |
| 54 | Cardiovascular and Hemostatic Disorders: SOCE and Ca2+ Handling in Platelet Dysfunction. Advances in Experimental Medicine and Biology, 2017, 993, 453-472. | 1.6 | 8 |

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|---|---|---|---|
| 55 | Medicinal Plants with Antiplatelet Activity. Phytotherapy Research, 2016, 30, 1059-1071. | 5.8 | 41 |
| 56 | Dynamic interaction of SARAF with STIM1 and Orai1 to modulate store-operated calcium entry. Scientific Reports, 2016, 6, 24452. | 3.3 | 56 |
| 57 | Regulation of Platelet Function by Orai, STIM and TRP. Advances in Experimental Medicine and Biology, 2016, 898, 157-181. | 1.6 | 27 |
| 58 | Store-operated Ca2+ Entry-associated Regulatory factor (SARAF) Plays an Important Role in the Regulation of Arachidonate-regulated Ca2+ (ARC) Channels. Journal of Biological Chemistry, 2016, 291, 6982-6988. | 3.4 | 30 |
| 59 | Molecular modulators of store-operated calcium entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2037-2043. | 4.1 | 53 |
| 60 | Historical Overview of Store-Operated Ca2+ Entry. Advances in Experimental Medicine and Biology, 2016, 898, 3-24. | 1.6 | 10 |
| 61 | Second Messenger-Operated Calcium Entry Through TRPC6. Advances in Experimental Medicine and Biology, 2016, 898, 201-249. | 1.6 | 29 |
| 62 | Phospholipase A2 as a Molecular Determinant of Store-Operated Calcium Entry. Advances in Experimental Medicine and Biology, 2016, 898, 111-131. | 1.6 | 6 |
| 63 | Orai1 and TRPC1 Proteins Co-localize with CaV1.2 Channels to Form a Signal Complex in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2016, 291, 21148-21159. | 3.4 | 33 |
| 64 | Apelin: an antithrombotic factor that inhibits platelet function. Blood, 2016, 127, 908-920. | 1.4 | 45 |
| 65 | SARAF modulates TRPC1, but not TRPC6, channel function in a STIM1-independent manner. Biochemical Journal, 2016, 473, 3581-3595. | 3.7 | 24 |
| 66 | Sigma-1 receptors: a new pathway for the modulation of store-operated calcium entry. Biochemical Journal, 2016, 473, e9-e10. | 3.7 | 5 |
| 67 | STIM and calcium channel complexes in cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1418-1426. | 4.1 | 72 |
| 68 | Calcium Entry Pathways in Non-excitable Cells. Preface. Advances in Experimental Medicine and Biology, 2016, 898, vii-viii. | 1.6 | 11 |
| 69 | Role of mTOR1 and mTOR2 complexes in MEG-01 cell physiology. Thrombosis and Haemostasis, 2015, 114, 969-981. | 3.4 | 7 |
| 70 | Regulators of G-Protein-Signaling Proteins: Negative Modulators of G-Protein-Coupled Receptor Signaling. International Review of Cell and Molecular Biology, 2015, 317, 97-183. | 3.2 | 25 |
| 71 | Evaluation of the antiaggregant activity of ascorbyl phenolic esters with antioxidant properties. Journal of Physiology and Biochemistry, 2015, 71, 415-434. | 3.0 | 4 |
| 72 | Homer proteins mediate the interaction between STIM1 and Cav1.2 channels. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1145-1153. | 4.1 | 31 |

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| 73 | Functional and physiopathological implications of TRP channels. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1772-1782. | 4.1 | 81 |
| 74 | Store-Operated Calcium Entry: Unveiling the Calcium Handling Signalplex. International Review of Cell and Molecular Biology, 2015, 316, 183-226. | 3.2 | 20 |
| 75 | Relationship between calcium mobilization and platelet Î±- and Î´-granule secretion. A role for TRPC6 in thrombin-evoked Î´-granule exocytosis. Archives of Biochemistry and Biophysics, 2015, 585, 75-81. | 3.0 | 30 |
| 76 | FKBP25 and FKBP38 regulate non-capacitative calcium entry through TRPC6. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2684-2696. | 4.1 | 10 |
| 77 | STIM and Orai1 Variants in Store-Operated Calcium Entry. Frontiers in Pharmacology, 2015, 6, 325. | 3.5 | 44 |
| 78 | The TRPV1 ion channel is expressed in human but not mouse platelets. Platelets, 2014, 25, 390-392. | 2.3 | 6 |
| 79 | STIM1 regulates TRPC6 heteromultimerization and subcellular location. Biochemical Journal, 2014, 463, 373-381. | 3.7 | 16 |
| 80 | The canonical transient receptor potential 6 (TRPC6) channel is sensitive to extracellular pH in mouse platelets. Blood Cells, Molecules, and Diseases, 2014, 52, 108-115. | 1.4 | 11 |
| 81 | Cytoskeletal and scaffolding proteins as structural and functional determinants of TRP channels. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 658-664. | 2.6 | 32 |
| 82 | TRPC6 participates in the regulation of cytosolic basal calcium concentration in murine resting platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 789-796. | 4.1 | 23 |
| 83 | Urotensin-II Induces Vascular Smooth Muscle Cell Proliferation and Creb Phosporylation Through Store Operated Calcium Entry and EGFR Transactivation. Biophysical Journal, 2014, 106, 318a. | 0.5 | 0 |
| 84 | FKBP52 is involved in the regulation of SOCE channels in the human platelets and MEG 01 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 652-662. | 4.1 | 25 |
| 85 | The membrane potential modulates thrombin-stimulated Ca2+ mobilization and platelet aggregation. Archives of Biochemistry and Biophysics, 2013, 538, 130-137. | 3.0 | 1 |
| 86 | Homer Proteins in Ca<sup>2+</sup> Entry. IUBMB Life, 2013, 65, 497-504. | 3.4 | 30 |
| 87 | Transient receptor potential ankyrin-1 (TRPA1) modulates store-operated Ca 2+ entry by regulation of STIM1-Orai1 association. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3025-3034. | 4.1 | 30 |
| 88 | The polybasic lysine-rich domain of plasma membrane-resident STIM1 is essential for the modulation of store-operated divalent cation entry by extracellular calcium. Cellular Signalling, 2013, 25, 1328-1337. | 3.6 | 18 |
| 89 | Urotensin-II promotes vascular smooth muscle cell proliferation through store-operated calcium entry and EGFR transactivation. Cardiovascular Research, 2013, 100, 297-306. | 3.8 | 67 |
| 90 | Longâ€term <scp>mTOR</scp> inhibitors administration evokes altered calcium homeostasis and platelet dysfunction in kidney transplant patients. Journal of Cellular and Molecular Medicine, 2013, 17, 636-647. | 3.6 | 17 |

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| 91 | Editorial: Recent Advances in Cardiovascular and Circulatory Signalling. Current Vascular Pharmacology, 2013, 11, 407-408. | 1.7 | 0 |
| 92 | Immunophilins are Involved in the Altered Platelet Aggregation Observed in Patients with Type 2 Diabetes Mellitus. Current Medicinal Chemistry, 2013, 20, 1912-1921. | 2.4 | 5 |
| 93 | Molecular Interplay between Platelets and the Vascular Wall in Thrombosis and Hemostasis. Current Vascular Pharmacology, 2013, 11, 409-430. | 1.7 | 12 |
| 94 | Pharmacology of TRP Channels in the Vasculature. Current Vascular Pharmacology, 2013, 11, 480-489. | 1.7 | 6 |
| 95 | Transient Receptor Potential Channels in Human Platelets: Expression and Functional Role. Current Molecular Medicine, 2012, 12, 1319-1328. | 1.3 | 15 |
| 96 | Urotensin-II Signaling Mechanism in Rat Coronary Artery. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1325-1332. | 2.4 | 37 |
| 97 | Homers regulate calcium entry and aggregation in human platelets: a role for Homers in the association between STIM1 and Orai1. Biochemical Journal, 2012, 445, 29-38. | 3.7 | 35 |
| 98 | Store-Operated Ca2+ Entry. Advances in Experimental Medicine and Biology, 2012, 740, 349-382. | 1.6 | 47 |
| 99 | Vaccination prepartum enhances the beneficial effects of melatonin on the immune response and reduces platelet responsiveness in sheep. BMC Veterinary Research, 2012, 8, 84. | 1.9 | 11 |
| 100 | Two-pore channel 2 (TPC2) modulates store-operated Ca2+ entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1976-1983. | 4.1 | 15 |
| 101 | Unraveling STIM2 function. Journal of Physiology and Biochemistry, 2012, 68, 619-633. | 3.0 | 27 |
| 102 | STIM1 tyrosine-phosphorylation is required for STIM1-Orai1 association in human platelets. Cellular Signalling, 2012, 24, 1315-1322. | 3.6 | 32 |
| 103 | Capacitative and non-capacitative signaling complexes in human platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1242-1251. | 4.1 | 41 |
| 104 | Orais and STIMs: physiological mechanisms and disease. Journal of Cellular and Molecular Medicine, 2012, 16, 407-424. | 3.6 | 51 |
| 105 | Ca2+leakage rate from agonist-sensitive intracellular pools is altered in platelets from patients with type 2 diabetes. Platelets, 2011, 22, 284-293. | 2.3 | 6 |
| 106 | Attenuated store-operated divalent cation entry and association between STIM1, Orai1, hTRPC1 and hTRPC6 in platelets from type 2 diabetic patients. Blood Cells, Molecules, and Diseases, 2011, 46, 252-260. | 1.4 | 25 |
| 107 | The TRPC Ion Channels: Association with Orai1 and STIM1 Proteins and Participation in Capacitative and Non-capacitative Calcium Entry. Advances in Experimental Medicine and Biology, 2011, 704, 413-433. | 1.6 | 71 |
| 108 | Modulation of Platelet Function and Signaling by Flavonoids. Mini-Reviews in Medicinal Chemistry, 2011, 11, 131-142. | 2.4 | 23 |

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|---|---|---|---|
| 109 | Editorial [Hot Topic: A Role for Immunophilins in Cellular Signalling in Health and Disease (Guest) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 2011, 18, 5322-5323. | 2.4 | 0 |
| 110 | Immunophilin Dysfunction and Neuropathology. Current Medicinal Chemistry, 2011, 18, 5398-5407. | 2.4 | 1 |
| 111 | Two distinct calcium pools in the endoplasmic reticulum of HEK-293T cells. Biochemical Journal, 2011, 435, 227-235. | 3.7 | 20 |
| 112 | Lipid rafts are essential for the regulation of SOCE by plasma membrane resident STIM1 in human platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 431-437. | 4.1 | 31 |
| 113 | Acidic NAADP-releasable Ca2+ compartments in the megakaryoblastic cell line MEG01. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1483-1494. | 4.1 | 30 |
| 114 | The cytoskeleton plays a modulatory role in the association between STIM1 and the Ca2+ channel subunits Orai1 and TRPC1. Biochemical Pharmacology, 2011, 82, 400-410. | 4.4 | 51 |
| 115 | Acidic Ca2+ stores in platelets. Cell Calcium, 2011, 50, 168-174. | 2.4 | 23 |
| 116 | Functional role of the calmodulin- and inositol 1,4,5-trisphosphate receptor-binding (CIRB) site of TRPC6 in human platelet activation. Cellular Signalling, 2011, 23, 1850-1856. | 3.6 | 24 |
| 117 | Immunophilins and Thrombotic Disorders. Current Medicinal Chemistry, 2011, 18, 5414-5423. | 2.4 | 3 |
| 118 | STIM1 and STIM2 Are Located in the Acidic Ca2+ Stores and Associates with Orai1 upon Depletion of the Acidic Stores in Human Platelets. Journal of Biological Chemistry, 2011, 286, 12257-12270. | 3.4 | 67 |
| 119 | Homocysteine induces caspase activation by endoplasmic reticulum stress in platelets from type 2 diabetics and healthy donors. Thrombosis and Haemostasis, 2010, 103, 1022-1032. | 3.4 | 22 |
| 120 | Melatonin Reduces Apoptosis Induced by Calcium Signaling in Human Leukocytes: Evidence for the Involvement of Mitochondria and Bax Activation. Journal of Membrane Biology, 2010, 233, 105-118. | 2.1 | 98 |
| 121 | Lipid rafts modulate the activation but not the maintenance of store-operated Ca2+ entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1083-1093. | 4.1 | 50 |
| 122 | Synthesis and evaluation of the platelet antiaggregant properties of phenolic antioxidants structurally related to rosmarinic acid. Bioorganic Chemistry, 2010, 38, 108-114. | 4.1 | 18 |
| 123 | Role of Oxidant Scavengers in the Prevention of Ca2+ Homeostasis Disorders. Molecules, 2010, 15, 7167-7187. | 3.8 | 20 |
| 124 | SERCA2b Activity Is Regulated by Cyclophilins in Human Platelets. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 419-425. | 2.4 | 24 |
| 125 | TRPC3 Regulates Agonist-stimulated Ca2+ Mobilization by Mediating the Interaction between Type I Inositol 1,4,5-Trisphosphate Receptor, RACK1, and Orai1. Journal of Biological Chemistry, 2010, 285, 8045-8053. | 3.4 | 73 |
| 126 | Homocysteine, Intracellular Signaling and Thrombotic Disorders. Current Medicinal Chemistry, 2010, 17, 3109-3119. | 2.4 | 69 |

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|---|---|---|---|
| 127 | Agonistâ€induced Ca 2+ mobilization is regulated by a complex involving Orai1, hTRPC3 and the type I inositol 1,4,5â€trisphosphate receptor. FASEB Journal, 2010, 24, 869.2. | 0.5 | 0 |
| 128 | Lipid rafts determine association of Orai1, STIM1 and the TRPC1 and TRPC6 proteins. FASEB Journal, 2010, 24, 481.2. | 0.5 | 0 |
| 129 | TRPC channels and store-operated Ca2+ entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 223-230. | 4.1 | 114 |
| 130 | Store-operated Ca2+ entry is sensitive to the extracellular Ca2+ concentration through plasma membrane STIM1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1614-1622. | 4.1 | 31 |
| 131 | Biochemical and functional properties of the store-operated Ca2+ channels. Cellular Signalling, 2009, 21, 457-461. | 3.6 | 65 |
| 132 | Melatonin, as an adjuvantâ€like agent, enhances platelet responsiveness. Journal of Pineal Research, 2009, 46, 275-285. | 7.4 | 16 |
| 133 | Melatonin induces mitochondrialâ€mediated apoptosis in human myeloid HLâ€60 cells. Journal of Pineal Research, 2009, 46, 392-400. | 7.4 | 128 |
| 134 | N,N,Nâ€²,Nâ€²-tetrakis(2-pyridylmethyl)ethylenediamine induces apoptosis through the activation of caspases-3 and -8 in human platelets. A role for endoplasmic reticulum stress. Journal of Thrombosis and Haemostasis, 2009, 7, 992-999. | 3.8 | 30 |
| 135 | Platelet function in hypertension. Blood Cells, Molecules, and Diseases, 2009, 42, 38-43. | 1.4 | 65 |
| 136 | Olive tree wood phenolic compounds with human platelet antiaggregant properties. Blood Cells, Molecules, and Diseases, 2009, 42, 279-285. | 1.4 | 54 |
| 137 | Enhanced expression of STIM1/Orai1 and TRPC3 in platelets from patients with type 2 diabetes mellitus. Blood Cells, Molecules, and Diseases, 2009, 43, 211-213. | 1.4 | 45 |
| 138 | Melatonin enhances the immune response to vaccination against A1 and C strains of Dichelobacter nodosus. Vaccine, 2009, 27, 1566-1570. | 3.8 | 15 |
| 139 | STIM1, Orai1 and hTRPC1 are important for thrombin- and ADP-induced aggregation in human platelets. Archives of Biochemistry and Biophysics, 2009, 490, 137-144. | 3.0 | 48 |
| 140 | Hepatitis C virus NS5A and core proteins induce oxidative stress-mediated calcium signalling alterations in hepatocytes. Journal of Hepatology, 2009, 50, 872-882. | 3.7 | 114 |
| 141 | Apoptotic Events in Blood Cells. , 2009, , 129-149. | | 1 |
| 142 | Acidic-store depletion is required for human platelet aggregation. Blood Coagulation and Fibrinolysis, 2009, 20, 511-516. | 1.0 | 12 |
| 143 | Dynamic interaction of hTRPC6 with the Orai1â€“STIM1 complex or hTRPC3 mediates its role in capacitative or non-capacitative Ca2+ entry pathways. Biochemical Journal, 2009, 420, 267-277. | 3.7 | 85 |
| 144 | Role of Calcium Signals on Hydrogen Peroxide-Induced Apoptosis in Human Myeloid HL-60 Cells. International Journal of Biomedical Science, 2009, 5, 246-56. | 0.1 | 13 |

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|---|---|---|---|
| 145 | Physical properties of two types of calcium stores and SERCAs in human platelets. Molecular and Cellular Biochemistry, 2008, 311, 9-18. | 3.1 | 15 |
| 146 | Protein complex immunological separation assay (ProCISA): a technique for investigating single protein properties. Journal of Physiology and Biochemistry, 2008, 64, 169-177. | 3.0 | 0 |
| 147 | Thrombin induces activation and translocation of Bid, Bax and Bak to the mitochondria in human platelets. Journal of Thrombosis and Haemostasis, 2008, 6, 1780-1788. | 3.8 | 63 |
| 148 | Phosphatidylinositol 4,5-bisphosphate enhances store-operated calcium entry through hTRPC6 channel in human platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 84-97. | 4.1 | 71 |
| 149 | Intracellular Ca2+ store depletion induces the formation of macromolecular complexes involving hTRPC1, hTRPC6, the type II IP3 receptor and SERCA3 in human platelets. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1163-1176. | 4.1 | 54 |
| 150 | STIM1 regulates acidic Ca2+ store refilling by interaction with SERCA3 in human platelets. Biochemical Pharmacology, 2008, 75, 2157-2164. | 4.4 | 60 |
| 151 | SERCA2b and 3 play a regulatory role in store-operated calcium entry in human platelets. Cellular Signalling, 2008, 20, 337-346. | 3.6 | 24 |
| 152 | Functional relevance of the de novo coupling between hTRPC1 and type II IP3 receptor in store-operated Ca2+ entry in human platelets. Cellular Signalling, 2008, 20, 737-747. | 3.6 | 39 |
| 153 | Effect of homocysteine on calcium mobilization and platelet function in type 2 diabetes mellitus. Journal of Cellular and Molecular Medicine, 2008, 12, 2586-2597. | 3.6 | 9 |
| 154 | Effect of homocysteine on calcium mobilization and platelet function in type 2 diabetes mellitus. Journal of Cellular and Molecular Medicine, 2008, 12, 2015-2026. | 3.6 | 29 |
| 155 | Intracellular Calcium Release from Human Platelets: Different Messengers for Multiple Stores. Trends in Cardiovascular Medicine, 2008, 18, 57-61. | 4.9 | 50 |
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