

Juan A Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,237
citations

257101

24
h-index

223531

46
g-index

77
all docs

77
docs citations

77
times ranked

3178
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Patient Safety in the Cardiac Operating Room: Human Factors and Teamwork. <i>Circulation</i> , 2013, 128, 1139-1169. | 1.6 | 244 |
| 2 | Heart preservation for transplantation: principles and strategies. <i>Annals of Thoracic Surgery</i> , 1999, 68, 1983-1987. | 0.7 | 182 |
| 3 | Surgical Management of Endocarditis: The Society of Thoracic Surgeons Clinical Practice Guideline. <i>Annals of Thoracic Surgery</i> , 2011, 91, 2012-2019. | 0.7 | 162 |
| 4 | Successful Linking of The Society of Thoracic Surgeons Adult Cardiac Surgery Database to Centers for Medicare and Medicaid Services Medicare Data. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1150-1157. | 0.7 | 148 |
| 5 | Enteral and Parenteral Nutrition in the Perioperative Period: State of the Art. <i>Nutrients</i> , 2013, 5, 608-623. | 1.7 | 102 |
| 6 | Successful Linking of The Society of Thoracic Surgeons Database to Social Security Data to Examine Survival After Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2011, 92, 32-39. | 0.7 | 88 |
| 7 | Modulation of Transforming Growth Factor- β 2 Signaling and Extracellular Matrix Production in Myxomatous Mitral Valves by Angiotensin II Receptor Blockers. <i>Circulation</i> , 2012, 126, S189-97. | 1.6 | 88 |
| 8 | Diabetes, oxidative stress, molecular mechanism, and cardiovascular disease – an overview. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 330-335. | 1.3 | 85 |
| 9 | Introduction to the STS National Database Series. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1992-2000. | 0.7 | 75 |
| 10 | Disruption of Hypoxia-Inducible Transcription Factor-Prolyl Hydroxylase Domain-1 (PHD-1) Attenuates Ex Vivo Myocardial Ischemia/Reperfusion Injury Through Hypoxia-Inducible Factor-1 Transcription Factor and Its Target Genes in Mice. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1789-1797. | 2.5 | 68 |
| 11 | Epidural vs. Intramuscular Oxymorphone Analgesia after Thoracotomy in Dogs. <i>Veterinary Surgery</i> , 1991, 20, 462-467. | 0.5 | 59 |
| 12 | High Reliability Organizations and Surgical Microsystems: Re-engineering Surgical Care. <i>Surgical Clinics of North America</i> , 2012, 92, 1-14. | 0.5 | 57 |
| 13 | Hospital-Acquired Infections. <i>Surgical Clinics of North America</i> , 2012, 92, 65-77. | 0.5 | 54 |
| 14 | Do laparoscopic skills transfer to robotic surgery?. <i>Journal of Surgical Research</i> , 2014, 187, 53-58. | 0.8 | 52 |
| 15 | Thioredoxin-1 (Trx1) engineered mesenchymal stem cell therapy increased pro-angiogenic factors, reduced fibrosis and improved heart function in the infarcted rat myocardium. <i>International Journal of Cardiology</i> , 2015, 201, 517-528. | 0.8 | 51 |
| 16 | Surgical Skills Assessment of Applicants to General Surgery Residency. <i>Journal of Surgical Research</i> , 2011, 170, 189-194. | 0.8 | 50 |
| 17 | Cardiomyopathy and Worsened Ischemic Heart Failure in SM22-Cre-Mediated Neuropilin-1 Null Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1401-1412. | 1.1 | 40 |
| 18 | Molecular Mechanisms of Action and Therapeutic Uses of Pharmacological Inhibitors of HIF-Prolyl 4-Hydroxylases for Treatment of Ischemic Diseases. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2631-2665. | 2.5 | 35 |

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|----|--|-----|-----------|
| 19 | Protective effects of <i>Phyllanthus emblica</i> against myocardial ischemia-reperfusion injury: the role of PI3-kinase/glycogen synthase kinase 3 β / β -catenin pathway. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 623-633. | 1.3 | 35 |
| 20 | Nutritional Considerations in Adult Cardiothoracic Surgical Patients. <i>Surgical Clinics of North America</i> , 2011, 91, 857-875. | 0.5 | 32 |
| 21 | University of Wisconsin solution for human donor heart preservation: Initial clinical experience. <i>Annals of Thoracic Surgery</i> , 1991, 52, 1213-1216. | 0.7 | 30 |
| 22 | Successful linking of the Society of Thoracic Surgeons Database to Social Security data to examine the accuracy of Society of Thoracic Surgeons mortality data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 976-983. | 0.4 | 29 |
| 23 | Deletion of prolyl hydroxylase domain proteins (PHD1, PHD3) stabilizes hypoxia inducible factor-1 alpha, promotes neovascularization, and improves perfusion in a murine model of hind-limb ischemia. <i>Microvascular Research</i> , 2015, 97, 181-188. | 1.1 | 27 |
| 24 | Glutaredoxin-1 Overexpression Enhances Neovascularization and Diminishes Ventricular Remodeling in Chronic Myocardial Infarction. <i>PLoS ONE</i> , 2012, 7, e34790. | 1.1 | 27 |
| 25 | HIF α prolyl hydroxylases and cardiovascular diseases. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 347-358. | 1.3 | 26 |
| 26 | Safety Culture in Cardiac Surgical Teams: Data From Five Programs and National Surgical Comparison. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2182-2189. | 0.7 | 24 |
| 27 | Improved ultrastructural lung preservation with prostaglandin E1 as donor pretreatment in a primate model of heart-lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993, 105, 965-971. | 0.4 | 22 |
| 28 | The Papillary-Cystic Neoplasm of the Pancreas. <i>Archives of Surgery</i> , 1990, 125, 1502. | 2.3 | 21 |
| 29 | Novel role of NADPH oxidase in ischemic myocardium: a study with Nox2 knockout mice. <i>Functional and Integrative Genomics</i> , 2012, 12, 501-514. | 1.4 | 21 |
| 30 | Disruption of VEGF Mediated Flk α 1 Signaling Leads to a Gradual Loss of Vessel Health and Cardiac Function During Myocardial Infarction: Potential Therapy With Pellino α 1. <i>Journal of the American Heart Association</i> , 2018, 7, e007601. | 1.6 | 21 |
| 31 | Benefits of Emergency Departments TM Contribution to Stroke Prophylaxis in Atrial Fibrillation. <i>Stroke</i> , 2017, 48, 1344-1352. | 1.0 | 20 |
| 32 | Normal bronchial healing without bronchial wrapping in canine lung transplantation. <i>Annals of Thoracic Surgery</i> , 1992, 53, 80-84. | 0.7 | 19 |
| 33 | Targeted Gene Deletion of Prolyl Hydroxylase Domain Protein 3 Triggers Angiogenesis and Preserves Cardiac Function by Stabilizing Hypoxia Inducible Factor 1 Alpha Following Myocardial Infarction. <i>Current Pharmaceutical Design</i> , 2014, 20, 1305-1310. | 0.9 | 19 |
| 34 | Patient Safety Science in Cardiothoracic Surgery: An Overview. <i>Annals of Thoracic Surgery</i> , 2016, 101, 426-433. | 0.7 | 18 |
| 35 | Circulatory support with a direct cardiac compression device: A less invasive approach with the AbioBooster device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 122, 786-787. | 0.4 | 17 |
| 36 | Human Factors and Human Nature in Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2059-2066. | 0.7 | 17 |

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|----|--|-----|-----------|
| 37 | Investigating the Causes of Adverse Events. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1693-1699. | 0.7 | 17 |
| 38 | “What’s the Risk?” Assessing and Mitigating Risk in Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1052-1058. | 0.7 | 16 |
| 39 | Laser activation of tissue sealant in hand-sewn canine esophageal closure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992, 103, 781-783. | 0.4 | 13 |
| 40 | Video assisted thoracoscopic resection of a posterior mediastinal Castleman's tumor. <i>Journal of Cardiothoracic Surgery</i> , 2011, 6, 113. | 0.4 | 12 |
| 41 | Association of parvovirus B19 with plasma cell-rich myocardial infiltrates after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2001, 20, 755-758. | 0.3 | 11 |
| 42 | Binding of preformed xenoantibodies to porcine bioprosthetic valves. <i>Annals of Thoracic Surgery</i> , 1991, 51, 30-33. | 0.7 | 10 |
| 43 | The Elephant Trunk Technique for Type A Dissection. <i>Journal of Cardiac Surgery</i> , 2000, 15, 163-166. | 0.3 | 10 |
| 44 | Regulation of A-Kinase-Anchoring Protein 12 by Heat Shock Protein A12B to Prevent Ventricular Dysfunction Following Acute Myocardial Infarction in Diabetic Rats. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 209-220. | 1.1 | 9 |
| 45 | Decision Making, Evidence, and Practice. <i>Annals of Thoracic Surgery</i> , 2018, 105, 994-999. | 0.7 | 9 |
| 46 | Effect of AICD patch electrodes on the diastolic pressure-volume curve in pigs. <i>Annals of Thoracic Surgery</i> , 1991, 52, 1052-1057. | 0.7 | 8 |
| 47 | Team-Based Care. <i>Surgical Clinics of North America</i> , 2017, 97, 801-810. | 0.5 | 8 |
| 48 | Stanley J. Dudrick, MD. <i>Archives of Surgery</i> , 2010, 145, 512. | 2.3 | 6 |
| 49 | Cardiac xenotransplantation. <i>Progress in Cardiovascular Diseases</i> , 1990, 33, 105-117. | 1.6 | 5 |
| 50 | Case Report of Splenic Artery Steal Syndrome: Demonstration of Portal Hyperflow Mechanism by Anatomic Variant of the Splenic Artery and Correlation With Doppler Rates. <i>Transplantation Proceedings</i> , 2011, 43, 2269-2271. | 0.3 | 5 |
| 51 | Coronary revascularization in patients with chronic heart failure. <i>Coronary Artery Disease</i> , 1998, 9, 685-690. | 0.3 | 5 |
| 52 | Congenital pelvic arteriovenous malformation. <i>Diseases of the Colon and Rectum</i> , 1990, 33, 327-329. | 0.7 | 4 |
| 53 | Surgical Repair of Long-Segment Cervical Esophageal Injury With a Sternocleidomastoid Myocutaneous Flap. <i>Annals of Thoracic Surgery</i> , 2012, 94, 305-307. | 0.7 | 4 |
| 54 | Learning and Mindfulness: Improving Perioperative Patient Safety. <i>AORN Journal</i> , 2017, 105, 317-321. | 0.2 | 3 |

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|----|--|-----|-----------|
| 55 | Performance improvement in surgery. <i>Current Problems in Surgery</i> , 2019, 56, 211-246. | 0.6 | 3 |
| 56 | Capturing, Reporting, and Learning from Adverse Events. , 2017, , 683-694. | | 3 |
| 57 | Detecting accidental punctures and lacerations during cholecystectomy in large datasets: Two methods of analysis. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2018, 17, 430-436. | 0.6 | 2 |
| 58 | Pathologic confirmation of the principles of the thromboexclusion operation for descending aortic dissection. <i>Journal of Vascular Surgery</i> , 1993, 17, 448-450. | 0.6 | 1 |
| 59 | Risk Factors in Heart Disease: Therapeutic Interventions. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1765-1767. | 2.5 | 1 |
| 60 | The Effects of Resveratrol on Diabetes and Obesity. , 2012, , 413-430. | | 1 |
| 61 | Is the Elimination of Postoperative Antimicrobial Prophylaxis in Thoracic Surgery Ready for Prime Time?. <i>JAMA Surgery</i> , 2013, 148, 447. | 2.2 | 1 |
| 62 | Government-Based Insurance is Associated with Fewer Arterial Conduits in Coronary Artery Bypass Grafting. <i>Journal of the American College of Surgeons</i> , 2018, 227, e91. | 0.2 | 1 |
| 63 | Performance improvement in surgery. <i>Current Problems in Surgery</i> , 2019, 56, 204-208. | 0.6 | 1 |
| 64 | Managing the Complex High-Risk Surgical Patient. , 2017, , 589-612. | | 1 |
| 65 | Preventing Perioperative "Never Events"™. , 2017, , 413-448. | | 1 |
| 66 | Autoregulation of the Immune Response in Autoimmune Disease and Cardiac Transplantation by Photoinactivated Autologous Lymphocytes. <i>Annals of the New York Academy of Sciences</i> , 1991, 636, 266-278. | 1.8 | 0 |
| 67 | The aortic bodice: A life-saving maneuver. <i>Annals of Thoracic Surgery</i> , 1994, 58, 252-253. | 0.7 | 0 |
| 68 | Nutrition and Metabolism of The Surgical Patient, Part I. <i>Surgical Clinics of North America</i> , 2011, 91, xv-xvii. | 0.5 | 0 |
| 69 | Nutrition and Metabolism of the Surgical Patient, Part II. <i>Surgical Clinics of North America</i> , 2011, 91, xv-xvii. | 0.5 | 0 |
| 70 | Intramyocardial gene therapy with adeno beta-catenin preserves cardiac function by increased angiogenesis and cell survival in type I diabetic rat. <i>Journal of the American College of Surgeons</i> , 2012, 215, S33. | 0.2 | 0 |
| 71 | Silencing prolyl hydroxylase-3 (PHD-3) improves blood perfusion in a murine hind-limb ischemia model. <i>Journal of the American College of Surgeons</i> , 2012, 215, S151. | 0.2 | 0 |
| 72 | Patient Safety. <i>Surgical Clinics of North America</i> , 2012, 92, xvii-xix. | 0.5 | 0 |

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|----|--|-----|-----------|
| 73 | Thioredoxin-1 (Trx-1) engineered mesenchymal stem cell therapy increased proangiogenic factors, reduced fibrosis and improved heart function in the infarcted rat myocardium. Journal of the American College of Surgeons, 2013, 217, S34. | 0.2 | 0 |
| 74 | Effects of Prolyl-4-Hydroxylase 2 (PHD-2) Gene Deletion on Cardiac MicroRNA Expression and Ventricular Function After Myocardial Infarction: A Cardiac-Specific Mouse Knockout Model. Journal of the American College of Surgeons, 2014, 219, S29. | 0.2 | 0 |
| 75 | Deletion of Flk-1 and its Target Protein, MAPkinase-2 Impairs Neovascularization and Perfusion in a Murine Hindlimb Ischemia Model: A Double Knockout Study. Journal of the American College of Surgeons, 2014, 219, S161. | 0.2 | 0 |
| 76 | The Burning Platform: Improving Surgical Quality and Keeping Patients Safe. , 2017, , 3-13. | | 0 |