

# Claudio Maldonado

## List of Publications by Year in descending order

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109  
papers

2,770  
citations

186265

28  
h-index

197818

49  
g-index

109  
all docs

109  
docs citations

109  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Liposomal Rolipram Formulation for Clinical Application to Reduce Emesis. Drug Design, Development and Therapy, 2022, Volume 16, 1301-1309.	4.3	3
2	Rapid Lipid Modification of Endothelial Cell Membranes in Cardiac Ischemia/Reperfusion Injury: a Novel Therapeutic Strategy to Reduce Infarct Size. Cardiovascular Drugs and Therapy, 2021, 35, 113-123.	2.6	8
3	Su1692 DECREASED RHO KINASE SIGNALING AND CONTRACTILITY OF HEPATIC STELLATE CELLS BY PDE4 INHIBITOR ATTENUATES FIBROTIC PATHWAYS IN VIVO AND IN VITRO. Gastroenterology, 2020, 158, S-1384.	1.3	0
4	Attenuation of fibrogenesis by PDE4 inhibitor via decreased cytoskeleton remodeling, activation and contractility of hepatic stellate cells. FASEB Journal, 2020, 34, 1-1.	0.5	1
5	Phosphodiesterase 4 Inhibition as a Therapeutic Target for Alcoholic Liver Disease: From Bedside to Bench. Hepatology, 2019, 70, 1958-1971.	7.3	32
6	Proteomic and Phosphoproteomic Analyses Identify Novel Targets Involved in Beneficial Effect of Rolipram on Liver Fibrosis in Mice. FASEB Journal, 2019, 33, 369.12.	0.5	0
7	Dementia-like pathology in type-2 diabetes: A novel microRNA mechanism. Molecular and Cellular Neurosciences, 2017, 80, 58-65.	2.2	29
8	Targeted Delivery of Rolipram to the Liver Using Novel Drug Carrier System for the Treatment of Alcoholic Liver Disease. Gastroenterology, 2017, 152, S1114.	1.3	0
9	On the Ethics of Facial Transplantation Research. , 2017, , 243-254.		0
10	Sa1627 Lipotherapy with Fusogenic Liposomes Protects Liver in a Model of Rat Partial Ischemia Reperfusion Injury. Gastroenterology, 2016, 150, S1080.	1.3	0
11	Technical Challenges in Current Primo Vascular System Research and Potential Solutions. JAMS Journal of Acupuncture and Meridian Studies, 2016, 9, 297-306.	0.7	7
12	Curcumin-loaded embryonic stem cell exosomes restored neurovascular unit following ischemia-reperfusion injury. International Journal of Biochemistry and Cell Biology, 2016, 79, 360-369.	2.8	200
13	Hyperhomocysteinemia Alters Sinoatrial and Atrioventricular Nodal Function: Role of Magnesium in Attenuating These Effects. Cell Biochemistry and Biophysics, 2016, 74, 59-65.	1.8	7
14	A Novel Technique for Visualizing the Intralymphatic Primo Vascular System by Using Hollow Gold Nanospheres. JAMS Journal of Acupuncture and Meridian Studies, 2015, 8, 294-300.	0.7	8
15	Increased Cerebrovascular Protein Transcytosis and Amyloid $\beta$ Deposition during Hyperfibrinogenemia Alter Short-term Memory. FASEB Journal, 2015, 29, 673.1.	0.5	0
16	Novel cuff design to facilitate anastomosis of small vessels during cervical heterotopic heart transplantation in rats. Comparative Medicine, 2014, 64, 293-9.	1.0	3
17	Primo Vascular System and Its Potential Role in Cancer Metastasis. Advances in Experimental Medicine and Biology, 2013, 789, 289-296.	1.6	19
18	Administration of exogenous adenosine triphosphate to ischemic skeletal muscle induces an energy-sparing effect: Role of adenosine receptors. Journal of Surgical Research, 2013, 181, e15-e22.	1.6	8

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19	Stabilizing endothelium of donor hearts with fusogenic liposomes reduces myocardial injury and dysfunction. <i>Journal of Surgical Research</i> , 2013, 182, 331-338.	1.6	4
20	Endothelium targeted anti- $\epsilon$ complement therapy protects renal allografts by modulating T cell response. <i>FASEB Journal</i> , 2012, 26, 1051.3.	0.5	0
21	A Novel Liposome-Based Therapy to Reduce Complement-Mediated Injury in Revascularized Tissues. <i>Journal of Surgical Research</i> , 2011, 165, e51-e57.	1.6	6
22	Enhancing Complement Control on Endothelial Barrier Reduces Renal Post-Ischemia Dysfunction. <i>Journal of Surgical Research</i> , 2011, 170, e263-e270.	1.6	16
23	Homocysteine enriched diet leads to prolonged QT interval and reduced left ventricular performance in telemetric monitored mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 492-498.	2.6	20
24	Hyperhomocysteinemia and Sudden Cardiac Death: Potential Arrhythmogenic Mechanisms. <i>Current Vascular Pharmacology</i> , 2010, 8, 64-74.	1.7	21
25	Glucose and Surgical Sepsis: A Study of Underlying Immunologic Mechanisms. <i>Journal of the American College of Surgeons</i> , 2010, 210, 966-974.	0.5	19
26	Cell Membrane Modification for Rapid Display of Bi-Functional Peptides: A Novel Approach to Reduce Complement Activation. <i>Open Cardiovascular Medicine Journal</i> , 2010, 4, 157-165.	0.3	2
27	Outsourcing bench research to reduce attrition of junior surgery faculty. <i>Microsurgery</i> , 2008, 28, 387-389.	1.3	1
28	Composite tissue allotransplantation: a review of relevant immunological issues for plastic surgeons. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2008, 61, 481-492.	1.0	52
29	Plastic Surgeon's Risk Acceptance in Facial Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 41e-48e.	1.4	20
30	Ethical Considerations in Human Facial Tissue Allotransplantation. <i>Annals of Plastic Surgery</i> , 2008, 60, 103-109.	0.9	27
31	Patient Expectations in Facial Transplantation. <i>Annals of Plastic Surgery</i> , 2008, 61, 68-72.	0.9	16
32	High levels of dietary homocysteine (Hcy) accelerate impulse propagation across the murine atrioventricular node (AVN). <i>FASEB Journal</i> , 2008, 22, 58-58.	0.5	4
33	Cardiac Dys-Synchronization and Arrhythmia in Hyperhomocysteinemia. <i>Current Neurovascular Research</i> , 2007, 4, 289-294.	1.1	11
34	Psychosocial Implications of Disfigurement and the Future of Human Face Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 559-565.	1.4	65
35	Electrically Stimulated Rectus Abdominis Muscle Flap to Achieve Enterostomal Continence: Development of a Functional Canine Model. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 517-525.	1.4	1
36	Ethical considerations in face transplantation. <i>International Journal of Surgery</i> , 2007, 5, 353-364.	2.7	23

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37	Research and Events Leading to Facial Transplantation. <i>Clinics in Plastic Surgery</i> , 2007, 34, 233-250.	1.5	15
38	Investigation of Risk Acceptance in Hand Transplantation. <i>Journal of Hand Surgery</i> , 2006, 31, 295-302.	1.6	45
39	Investigation of Risk Acceptance in Facial Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 663-670.	1.4	62
40	Neuroregeneration in Composite Tissue Allografts: Effect of Low-Dose FK506 and Mycophenolate Mofetil Immunotherapy. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 615-623.	1.4	21
41	Vascularized Lymph Node Transplantation Induces Graft-Versus-Host Disease in Chimeric Hosts. <i>Transplantation</i> , 2006, 81, 1435-1441.	1.0	9
42	Composite tissue allotransplantation of the hand and face: a new frontier in transplant and reconstructive surgery. <i>Transplant International</i> , 2006, 19, 868-880.	1.6	86
43	Risk Acceptance in Laryngeal Transplantation. <i>Laryngoscope</i> , 2006, 116, 1770-1775.	2.0	28
44	Risk acceptance in composite-tissue allotransplantation reconstructive procedures. <i>Microsurgery</i> , 2006, 26, 144-149.	1.3	46
45	Arrhythmia and neuronal/endothelial myocyte uncoupling in hyperhomocysteinemia. <i>Archives of Physiology and Biochemistry</i> , 2006, 112, 219-227.	2.1	18
46	Bone Quality and Healing in a Swine Vascularized Bone Allotransplantation Model Using Cyclosporine-Based Immunosuppression Therapy. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 529-538.	1.4	12
47	Ischemic Preconditioning of Skeletal Muscle. <i>Annals of Plastic Surgery</i> , 2005, 55, 216-222.	0.9	3
48	Bone Quality in Swine Composite Tissue Allografts: Effects of Combination Immunotherapy. <i>Transplantation</i> , 2005, 80, 487-493.	1.0	7
49	A novel method to reduce prolonged warm ischemia injury in amputated limbs. <i>Journal of the American College of Surgeons</i> , 2005, 201, S63.	0.5	1
50	Delivery of exogenous ATP maintains sodium-potassium pump activity in endothelial cells during chemical hypoxia. <i>Journal of the American College of Surgeons</i> , 2005, 201, S101.	0.5	1
51	On the Ethics of Facial Transplantation Research. <i>American Journal of Bioethics</i> , 2004, 4, 1-12.	0.9	112
52	Response to Selected Commentaries on the AJOB Target Article "On the Ethics of Facial Transplantation Research". <i>American Journal of Bioethics</i> , 2004, 4, W23-W31.	0.9	15
53	Lymphadenectomy prior to rat hind limb allotransplantation prevents graft-versus-host disease in chimeric hosts. <i>Transplant International</i> , 2004, 17, 341-350.	1.6	18
54	Risk Acceptance in Composite Tissue Allotransplantation Reconstructive Procedures. <i>European Journal of Trauma and Emergency Surgery</i> , 2004, 30, 12-16.	0.3	28

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55	Late-phase ischemic preconditioning in skeletal muscle: is the phenomenon protective?. <i>Microsurgery</i> , 2004, 24, 151-156.	1.3	10
56	Dynamic graciloplasty for urinary incontinence: the potential for sequential closed-loop stimulation. <i>Medical Engineering and Physics</i> , 2003, 25, 755-763.	1.7	5
57	Low-dose immunosuppression in a rat hind-limb transplantation model. <i>Transplant International</i> , 2003, 16, 835-842.	1.6	20
58	Composite tissue allotransplantation in chimeric hosts part II. A clinically relevant protocol to induce tolerance in a rat model. <i>Transplantation</i> , 2003, 76, 1548-1555.	1.0	40
59	Preconditioning of Latissimus Dorsi Muscle Flaps with Monophosphoryl Lipid A. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 267-274.	1.4	13
60	Analysis of Fiber Type Transformation and Histology in Chronic Electrically Stimulated Canine Rectus Abdominis Muscle Island-Flap Stomal Sphincters. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 189-198.	1.4	6
61	Composite tissue allotransplantation in chimeric hosts: part I. prevention of graft-versus-host disease1. <i>Transplantation</i> , 2003, 75, 922-932.	1.0	44
62	The Use of End-to-Side Nerve Grafts to Reinnervate the Paralyzed Orbicularis Oculi Muscle. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 2255-2264.	1.4	21
63	Preconditioning of Latissimus Dorsi Muscle Flaps with Monophosphoryl Lipid A. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 267-274.	1.4	16
64	Reducing the Vascular Delay Period in Latissimus Dorsi Muscle Flaps for Use in Cardiomyoplasty. <i>Plastic and Reconstructive Surgery</i> , 2002, 109, 1630-1636.	1.4	3
65	Targeting of glycosaminoglycan-cytokine interactions as a novel therapeutic approach in allotransplantation1. <i>Transplantation</i> , 2002, 74, 623-629.	1.0	48
66	Composite tissue allotransplantation. <i>Transplantation</i> , 2002, 73, 832-835.	1.0	32
67	Donor/recipient skin and whole-blood cyclosporin a levels in a swine composite tissue allograft model: correlation and relationship to rejection. <i>Transplantation Proceedings</i> , 2002, 34, 1315-1319.	0.6	1
68	Comparison of the experience with acute and chronic electrically stimulated detrusor myoplasty. <i>Neurourology and Urodynamics</i> , 2002, 21, 516-521.	1.5	4
69	Low-dose immunosuppression in a rat hind-limb transplantation model. <i>Transplant International</i> , 2002, 16, 835-842.	1.6	5
70	Dynamic Rectus Abdominis Muscle Sphincter for Stoma Continence: An Acute Functional Study in a Dog Model. <i>Plastic and Reconstructive Surgery</i> , 2001, 107, 478-484.	1.4	10
71	Microcirculation Research for Microsurgeons: Basic Concepts and Potential Applications. <i>European Journal of Trauma and Emergency Surgery</i> , 2001, 27, 153-162.	0.3	3
72	Composite Tissue Allotransplantation (CTA): Current Status and Future Insights. <i>European Journal of Trauma and Emergency Surgery</i> , 2001, 27, 267-274.	0.3	24

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73	Analysis of chronic morphologic changes of small bowel in electrically stimulated canine island-flap rectus abdominis muscle stomal sphincters. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 1630-1639.	1.3	3
74	Dynamic rectus abdominis muscle flap for intestinal stomal continence: A systematic approach. <i>Microsurgery</i> , 2001, 21, 248-255.	1.3	4
75	Multi-channel orbicularis oculi stimulation to restore eye-blink function in facial paralysis. <i>Microsurgery</i> , 2001, 21, 264-270.	1.3	31
76	Sequential Segmental Neuromuscular Stimulation Reduces Fatigue and Improves Perfusion in Dynamic Graciloplasty. <i>Annals of Plastic Surgery</i> , 2000, 45, 292-297.	0.9	12
77	Sequential Segmental Neuromuscular Stimulation: An Effective Approach to Enhance Fatigue Resistance. <i>Plastic and Reconstructive Surgery</i> , 2000, 105, 667-673.	1.4	21
78	Osteomyocutaneous flap as a preclinical composite tissue allograft: Swine model. , 2000, 20, 143-149.		36
79	Hand transplantation: Comparisons and observations of the first four clinical cases. <i>Microsurgery</i> , 2000, 20, 360-371.	1.3	184
80	Swine composite tissue allotransplant model for preclinical hand transplant studies. <i>Microsurgery</i> , 2000, 20, 400-406.	1.3	39
81	Immunosuppressive agents in transplantation: Mechanisms of action and current anti-rejection strategies. <i>Microsurgery</i> , 2000, 20, 420-429.	1.3	95
82	Mixed allogeneic chimerism and tolerance to composite tissue allografts. <i>Microsurgery</i> , 2000, 20, 441-447.	1.3	55
83	ELECTRICALLY STIMULATED DETRUSOR MYOPLASTY. <i>Journal of Urology</i> , 2000, 164, 969-972.	0.4	10
84	Hand transplantation: Comparisons and observations of the first four clinical cases. <i>Microsurgery</i> , 2000, 20, 360-371.	1.3	2
85	Three Parameters Optimizing Closed-Loop Control in Sequential Segmental Neuromuscular Stimulation. <i>Artificial Organs</i> , 1999, 23, 388-391.	1.9	6
86	Long-term survival of an extremity composite tissue allograft with FK506â€“mycophenolate mofetil therapy. <i>Surgery</i> , 1999, 126, 384-388.	1.9	97
87	Scoring of Skin Rejection in a Swine Composite Tissue Allograft Model. <i>Journal of Surgical Research</i> , 1999, 85, 1-8.	1.6	71
88	Quantification of the morphological features of a full microvascular network. <i>Medical and Biological Engineering and Computing</i> , 1998, 36, 621-626.	2.8	4
89	LONG-TERM COMPOSITE TISSUE ALLOGRAFT SURVIVAL IN A NOVEL PORCINE MODEL WITH CYCLOSPORINE (CSA)/MYCOPHENOLATE MOFETIL (MMF) THERAPY. <i>Transplantation</i> , 1998, 66, S20.	1.0	60
90	LONG-TERM COMPOSITE TISSUE ALLOGRAFT SURVIVAL IN A PORCINE MODEL WITH CYCLOSPORINE/MYCOPHENOLATE MOFETIL THERAPY <sup>1,2</sup> . <i>Transplantation</i> , 1998, 66, 1581-1587.	1.0	43

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91	Selective Activation of A <sub>3</sub> Adenosine Receptors With N <sup>6</sup> -(3-Iodobenzyl)Adenosine-5'-N-Methyluronamide Protects Against Myocardial Stunning and Infarction Without Hemodynamic Changes in Conscious Rabbits. <i>Circulation Research</i> , 1997, 80, 800-809.	4.5	154
92	Mechanisms of triggered activity induction at the border zone of normal and abnormal cardiac tissue. <i>Journal of Electrocardiology</i> , 1996, 29, 309-318.	0.9	6
93	Attenuation of vasospasm and capillary no-reflow by ischemic preconditioning in skeletal muscle. , 1996, 17, 324-329.		50
94	Transseptal Defibrillation Is Superior for Transvenous Defibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 229-232.	1.2	13
95	Electrode Surface Area Is An Important Variable for Defibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 233-236.	1.2	18
96	Marked action potential prolongation as a source of injury current leading to border zone arrhythmogenesis. <i>American Heart Journal</i> , 1994, 127, 1543-1553.	2.7	26
97	Role of junctional zone cells between Purkinje fibres and ventricular muscle in arrhythmogenesis. <i>Cardiovascular Research</i> , 1994, 28, 1277-1284.	3.8	23
98	A Prospective Randomized Trial of Novoste Right Versus Judkins Catheters for Engagement of the Right Coronary Artery During Diagnostic Catheterization. <i>Journal of Interventional Cardiology</i> , 1993, 6, 213-218.	1.2	1
99	Right brachial arterial sheath insertion. <i>Catheterization and Cardiovascular Diagnosis</i> , 1993, 28, 268-268.	0.3	0
100	Conduction of early afterdepolarizations in sheep Purkinje fibers and ventricular muscle. <i>Journal of Electrocardiology</i> , 1992, 25, 119-127.	0.9	7
101	Effects of Stress and Beta1 Blockade on the Ventricular Depolarization Gradient of the Rate Modulating Pacemaker. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 460-469.	1.2	7
102	Defibrillation Efficacy Using Two Low-Profile Endocardial Electrodes. <i>American Journal of the Medical Sciences</i> , 1991, 302, 82-88.	1.1	6
103	Selective effects of tocainide in canine acute myocardial infarction. <i>International Journal of Cardiology</i> , 1990, 27, 79-86.	1.7	1
104	Low energy partial ablation of the atrioventricular node junction in the dog using a suction-ablation catheter. <i>Journal of the American College of Cardiology</i> , 1990, 15, 222-230.	2.8	3
105	Dextrorotatory isomer of sotalol: Electrophysiologic effects and interaction with verapamil. <i>American Heart Journal</i> , 1988, 116, 1552-1557.	2.7	28
106	Ventricular tachycardia and sudden death in myotonic dystrophy. <i>American Heart Journal</i> , 1988, 115, 914-915.	2.7	63
107	Cibenzoline for High-Frequency Ventricular Arrhythmias: A Short-Term Comparison With Quinidine and a Long-Term Follow-up. <i>Journal of Clinical Pharmacology</i> , 1987, 27, 283-287.	2.0	8
108	Myotonic dystrophy: Ambulatory electrocardiogram, electrophysiologic study, and echocardiographic evaluation. <i>American Heart Journal</i> , 1987, 113, 1482-1488.	2.7	50

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109	Late potentials in normal subjects and in patients with ventricular tachycardia unrelated to myocardial infarction. American Journal of Cardiology, 1985, 55, 384-390.	1.6	68