

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	Curcumin-loaded embryonic stem cell exosomes restored neurovascular unit following ischemia-reperfusion injury. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 360-369.	2.8	200
2	Hand transplantation: Comparisons and observations of the first four clinical cases. <i>Microsurgery</i> , 2000, 20, 360-371.	1.3	184
3	Selective Activation of A3 Adenosine Receptors With N6-(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
4	On the Ethics of Facial Transplantation Research. <i>American Journal of Bioethics</i> , 2004, 4, 1-12.	0.9	112
5	Long-term survival of an extremity composite tissue allograft with FK506/mycophenolate mofetil therapy. <i>Surgery</i> , 1999, 126, 384-388.	1.9	97
6	Immunosuppressive agents in transplantation: Mechanisms of action and current anti-rejection strategies. <i>Microsurgery</i> , 2000, 20, 420-429.	1.3	95
7	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
8	Scoring of Skin Rejection in a Swine Composite Tissue Allograft Model. <i>Journal of Surgical Research</i> , 1999, 85, 1-8.	1.6	71
9	Late potentials in normal subjects and in patients with ventricular tachycardia unrelated to myocardial infarction. <i>American Journal of Cardiology</i> , 1985, 55, 384-390.	1.6	68
10	Psychosocial Implications of Disfigurement and the Future of Human Face Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 559-565.	1.4	65
11	Ventricular tachycardia and sudden death in myotonic dystrophy. <i>American Heart Journal</i> , 1988, 115, 914-915.	2.7	63
12	Investigation of Risk Acceptance in Facial Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 663-670.	1.4	62
13	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
14	Mixed allogeneic chimerism and tolerance to composite tissue allografts. <i>Microsurgery</i> , 2000, 20, 441-447.	1.3	55
15	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
16	Myotonic dystrophy: Ambulatory electrocardiogram, electrophysiologic study, and echocardiographic evaluation. <i>American Heart Journal</i> , 1987, 113, 1482-1488.	2.7	50
17	Attenuation of vasospasm and capillary no-reflow by ischemic preconditioning in skeletal muscle. , 1996, 17, 324-329.		50
18	Targeting of glycosaminoglycan-cytokine interactions as a novel therapeutic approach in allotransplantation. <i>Transplantation</i> , 2002, 74, 623-629.	1.0	48

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19	Risk acceptance in composite-tissue allotransplantation reconstructive procedures. <i>Microsurgery</i> , 2006, 26, 144-149.	1.3	46
20	Investigation of Risk Acceptance in Hand Transplantation. <i>Journal of Hand Surgery</i> , 2006, 31, 295-302.	1.6	45
21	Composite tissue allotransplantation in chimeric hosts: part I. prevention of graft-versus-host disease1. <i>Transplantation</i> , 2003, 75, 922-932.	1.0	44
22	LONG-TERM COMPOSITE TISSUE ALLOGRAFT SURVIVAL IN A PORCINE MODEL WITH CYCLOSPORINE/MYCOPHENOLATE MOFETIL THERAPY ^{1,2} . <i>Transplantation</i> , 1998, 66, 1581-1587.	1.0	43
23	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
24	Swine composite tissue allotransplant model for preclinical hand transplant studies. <i>Microsurgery</i> , 2000, 20, 400-406.	1.3	39
25	Osteomyocutaneous flap as a preclinical composite tissue allograft: Swine model. , 2000, 20, 143-149.		36
26	Composite tissue allotransplantation. <i>Transplantation</i> , 2002, 73, 832-835.	1.0	32
27	Phosphodiesterase 4 Inhibition as a Therapeutic Target for Alcoholic Liver Disease: From Bedside to Bench. <i>Hepatology</i> , 2019, 70, 1958-1971.	7.3	32
28	Multi-channel orbicularis oculi stimulation to restore eye-blink function in facial paralysis. <i>Microsurgery</i> , 2001, 21, 264-270.	1.3	31
29	Dementia-like pathology in type-2 diabetes: A novel microRNA mechanism. <i>Molecular and Cellular Neurosciences</i> , 2017, 80, 58-65.	2.2	29
30	Dextrorotatory isomer of sotalol: Electrophysiologic effects and interaction with verapamil. <i>American Heart Journal</i> , 1988, 116, 1552-1557.	2.7	28
31	Risk Acceptance in Composite Tissue Allotransplantation Reconstructive Procedures. <i>European Journal of Trauma and Emergency Surgery</i> , 2004, 30, 12-16.	0.3	28
32	Risk Acceptance in Laryngeal Transplantation. <i>Laryngoscope</i> , 2006, 116, 1770-1775.	2.0	28
33	Ethical Considerations in Human Facial Tissue Allotransplantation. <i>Annals of Plastic Surgery</i> , 2008, 60, 103-109.	0.9	27
34	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
35	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
36	Role of junctional zone cells between Purkinje fibres and ventricular muscle in arrhythmogenesis. <i>Cardiovascular Research</i> , 1994, 28, 1277-1284.	3.8	23

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37	Ethical considerations in face transplantation. <i>International Journal of Surgery</i> , 2007, 5, 353-364.	2.7	23
38	Sequential Segmental Neuromuscular Stimulation: An Effective Approach to Enhance Fatigue Resistance. <i>Plastic and Reconstructive Surgery</i> , 2000, 105, 667-673.	1.4	21
39	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
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	Hyperhomocysteinemia and Sudden Cardiac Death: Potential Arrhythmogenic Mechanisms. <i>Current Vascular Pharmacology</i> , 2010, 8, 64-74.	1.7	21
42	Low-dose immunosuppression in a rat hind-limb transplantation model. <i>Transplant International</i> , 2003, 16, 835-842.	1.6	20
43	Plastic Surgeon's Risk Acceptance in Facial Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 41e-48e.	1.4	20
44	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
45	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
46	Primo Vascular System and Its Potential Role in Cancer Metastasis. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 289-296.	1.6	19
47	Electrode Surface Area Is An Important Variable for Defibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 233-236.	1.2	18
48	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
49	Arrhythmia and neuronal/endothelial myocyte uncoupling in hyperhomocysteinemia. <i>Archives of Physiology and Biochemistry</i> , 2006, 112, 219-227.	2.1	18
50	Preconditioning of Latissimus Dorsi Muscle Flaps with Monophosphoryl Lipid A. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 267-274.	1.4	16
51	Patient Expectations in Facial Transplantation. <i>Annals of Plastic Surgery</i> , 2008, 61, 68-72.	0.9	16
52	Enhancing Complement Control on Endothelial Barrier Reduces Renal Post-Ischemia Dysfunction. <i>Journal of Surgical Research</i> , 2011, 170, e263-e270.	1.6	16
53	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
54	Research and Events Leading to Facial Transplantation. <i>Clinics in Plastic Surgery</i> , 2007, 34, 233-250.	1.5	15

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55	Transseptal Defibrillation Is Superior for Transvenous Defibrillation. PACE - Pacing and Clinical Electrophysiology, 1995, 18, 229-232.	1.2	13
56	Preconditioning of Latissimus Dorsi Muscle Flaps with Monophosphoryl Lipid A. Plastic and Reconstructive Surgery, 2003, 111, 267-274.	1.4	13
57	Sequential Segmental Neuromuscular Stimulation Reduces Fatigue and Improves Perfusion in Dynamic Graciloplasty. Annals of Plastic Surgery, 2000, 45, 292-297.	0.9	12
58	Bone Quality and Healing in a Swine Vascularized Bone Allotransplantation Model Using Cyclosporine-Based Immunosuppression Therapy. Plastic and Reconstructive Surgery, 2005, 115, 529-538.	1.4	12
59	Cardiac Dys-Synchronization and Arrhythmia in Hyperhomocysteinemia. Current Neurovascular Research, 2007, 4, 289-294.	1.1	11
60	ELECTRICALLY STIMULATED DETRUSOR MYOPLASTY. Journal of Urology, 2000, 164, 969-972.	0.4	10
61	Dynamic Rectus Abdominis Muscle Sphincter for Stoma Continence: An Acute Functional Study in a Dog Model. Plastic and Reconstructive Surgery, 2001, 107, 478-484.	1.4	10
62	Late-phase ischemic preconditioning in skeletal muscle: is the phenomenon protective?. Microsurgery, 2004, 24, 151-156.	1.3	10
63	Vascularized Lymph Node Transplantation Induces Graft-Versus-Host Disease in Chimeric Hosts. Transplantation, 2006, 81, 1435-1441.	1.0	9
64	Cibenzoline for High-Frequency Ventricular Arrhythmias: A Short-Term Comparison With Quinidine and a Long-Term Follow-up. Journal of Clinical Pharmacology, 1987, 27, 283-287.	2.0	8
65	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
66	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
67	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
68	Effects of Stress and Beta1 Blockade on the Ventricular Depolarization Gradient of the Rate Modulating Pacemaker. PACE - Pacing and Clinical Electrophysiology, 1991, 14, 460-469.	1.2	7
69	Conduction of early afterdepolarizations in sheep Purkinje fibers and ventricular muscle. Journal of Electrocardiology, 1992, 25, 119-127.	0.9	7
70	Bone Quality in Swine Composite Tissue Allografts: Effects of Combination Immunotherapy. Transplantation, 2005, 80, 487-493.	1.0	7
71	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
72	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

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73	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
74	Three Parameters Optimizing Closed-Loop Control in Sequential Segmental Neuromuscular Stimulation. <i>Artificial Organs</i> , 1999, 23, 388-391.	1.9	6
75	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
76	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
77	Defibrillation Efficacy Using Two Low-Profile Endocardial Electrodes. <i>American Journal of the Medical Sciences</i> , 1991, 302, 82-88.	1.1	6
78	Low-dose immunosuppression in a rat hind-limb transplantation model. <i>Transplant International</i> , 2002, 16, 835-842.	1.6	5
79	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
80	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
81	Dynamic rectus abdominis muscle flap for intestinal stomal continence: A systematic approach. <i>Microsurgery</i> , 2001, 21, 248-255.	1.3	4
82	Comparison of the experience with acute and chronic electrically stimulated detrusor myoplasty. <i>Neurourology and Urodynamics</i> , 2002, 21, 516-521.	1.5	4
83	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
84	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
85	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
86	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
87	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
88	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
89	Ischemic Preconditioning of Skeletal Muscle. <i>Annals of Plastic Surgery</i> , 2005, 55, 216-222.	0.9	3
90	Novel cuff design to facilitate anastomosis of small vessels during cervical heterotopic heart transplantation in rats. <i>Comparative Medicine</i> , 2014, 64, 293-9.	1.0	3

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91	Novel Liposomal Rolipram Formulation for Clinical Application to Reduce Emesis. Drug Design, Development and Therapy, 2022, Volume 16, 1301-1309.	4.3	3
92	Hand transplantation: Comparisons and observations of the first four clinical cases. Microsurgery, 2000, 20, 360-371.	1.3	2
93	Cell Membrane Modification for Rapid Display of Bi-Functional Peptides: A Novel Approach to Reduce Complement Activation. Open Cardiovascular Medicine Journal, 2010, 4, 157-165.	0.3	2
94	Selective effects of tocainide in canine acute myocardial infarction. International Journal of Cardiology, 1990, 27, 79-86.	1.7	1
95	A Prospective Randomized Trial of Novoste Right Versus Judkins Catheters for Engagement of the Right Coronary Artery During Diagnostic Catheterization. Journal of Interventional Cardiology, 1993, 6, 213-218.	1.2	1
96	Donor/recipient skin and whole-blood cyclosporin A levels in a swine composite tissue allograft model: correlation and relationship to rejection. Transplantation Proceedings, 2002, 34, 1315-1319.	0.6	1
97	A novel method to reduce prolonged warm ischemia injury in amputated limbs. Journal of the American College of Surgeons, 2005, 201, S63.	0.5	1
98	Delivery of exogenous ATP maintains sodium-potassium pump activity in endothelial cells during chemical hypoxia. Journal of the American College of Surgeons, 2005, 201, S101.	0.5	1
99	Electrically Stimulated Rectus Abdominis Muscle Flap to Achieve Enterostomal Continence: Development of a Functional Canine Model. Plastic and Reconstructive Surgery, 2007, 119, 517-525.	1.4	1
100	Outsourcing bench research to reduce attrition of junior surgery faculty. Microsurgery, 2008, 28, 387-389.	1.3	1
101	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
102	Right brachial arterial sheath insertion. Catheterization and Cardiovascular Diagnosis, 1993, 28, 268-268.	0.3	0
103	Sa1627 Lipotherapy with Fusogenic Liposomes Protects Liver in a Model of Rat Partial Ischemia Reperfusion Injury. Gastroenterology, 2016, 150, S1080.	1.3	0
104	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
105	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
106	Endothelium targeted anti-complement therapy protects renal allografts by modulating T cell response. FASEB Journal, 2012, 26, 1051.3.	0.5	0
107	Increased Cerebrovascular Protein Transcytosis and Amyloid β Deposition during Hyperfibrinogenemia Alter Short-term Memory. FASEB Journal, 2015, 29, 673.1.	0.5	0
108	On the Ethics of Facial Transplantation Research. , 2017, , 243-254.		0

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109	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