

Mario G Solari

List of Publications by Year in descending order

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52
papers

1,328
citations

331670

21
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	Marginal mass islet transplantation with autologous mesenchymal stem cells promotes long-term islet allograft survival and sustained normoglycemia. <i>Journal of Autoimmunity</i> , 2009, 32, 116-124.	6.5	123
2	Split tolerance to a composite tissue allograft in a swine model. <i>Transplantation</i> , 2003, 75, 25-31.	1.0	116
3	Composite Tissue Vasculopathy and Degeneration Following Multiple Episodes of Acute Rejection in Reconstructive Transplantation. <i>American Journal of Transplantation</i> , 2010, 10, 251-261.	4.7	95
4	New perspectives on mTOR inhibitors (rapamycin, rapalogs and TORKinibs) in transplantation. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1158-1170.	2.4	75
5	Adipose- and Bone Marrow-Derived Mesenchymal Stem Cells Prolong Graft Survival in Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2015, 99, 1765-1773.	1.0	70
6	Transition to a virtual multidisciplinary tumor board during the COVID-19 pandemic: University of Pittsburgh experience. <i>Head and Neck</i> , 2020, 42, 1310-1316.	2.0	64
7	Characteristics and Immunomodulating Functions of Adipose-Derived and Bone Marrow-Derived Mesenchymal Stem Cells Across Defined Human Leukocyte Antigen Barriers. <i>Frontiers in Immunology</i> , 2018, 9, 1642.	4.8	59
8	The Influence of Timing and Frequency of Adipose-Derived Mesenchymal Stem Cell Therapy on Immunomodulation Outcomes After Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2017, 101, e1-e11.	1.0	48
9	Treg-inducing microparticles promote donor-specific tolerance in experimental vascularized composite allotransplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25784-25789.	7.1	39
10	Human Dendritic Cells and Transplant Outcome. <i>Transplantation</i> , 2008, 85, 1513-1522.	1.0	37
11	Long-Term Survival of Limb Allografts Induced by Pharmacologically Conditioned, Donor Alloantigen-Pulsed Dendritic Cells Without Maintenance Immunosuppression. <i>Transplantation</i> , 2008, 85, 237-246.	1.0	36
12	Daily Topical Tacrolimus Therapy Prevents Skin Rejection in a Rodent Hind Limb Allograft Model. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 17S-25S.	1.4	36
13	A biodegradable synthetic graft for small arteries matches the performance of autologous vein in rat carotid arteries. <i>Biomaterials</i> , 2018, 181, 67-80.	11.4	35
14	Plate Exposure After Anterolateral Thigh Free-Flap Reconstruction in Head and Neck Cancer Patients With Composite Mandibular Defects. <i>Annals of Surgical Oncology</i> , 2015, 22, 3055-3060.	1.5	34
15	In situ recruitment of regulatory T cells promotes donor-specific tolerance in vascularized composite allotransplantation. <i>Science Advances</i> , 2020, 6, eaax8429.	10.3	33
16	Perspectives on the Use of Mesenchymal Stem Cells in Vascularized Composite Allotransplantation. <i>Frontiers in Immunology</i> , 2013, 4, 175.	4.8	32
17	Site-Specific Immunosuppression in Vascularized Composite Allotransplantation: Prospects and Potential. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-7.	3.3	32
18	Single Implantable FK506 Disk Prevents Rejection in Vascularized Composite Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 403e-414e.	1.4	30

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19	Effects of Immunosuppressive Drugs on Viability and Susceptibility of Adipose- and Bone Marrow-Derived Mesenchymal Stem Cells. <i>Frontiers in Immunology</i> , 2015, 6, 131.	4.8	28
20	A Model for Functional Recovery and Cortical Reintegration after Hemifacial Composite Tissue Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 26S-33S.	1.4	26
21	Biopatterned CTLA4/Fc Matrices Facilitate Local Immunomodulation, Engraftment, and Glucose Homeostasis After Pancreatic Islet Transplantation. <i>Diabetes</i> , 2016, 65, 3660-3666.	0.6	24
22	In utero induction of transplantation tolerance. <i>Transplantation Proceedings</i> , 2001, 33, 98-100.	0.6	17
23	Long-Term Acceptance of Renal Allografts following Prenatal Inoculation with Adult Bone Marrow. <i>Transplantation</i> , 2005, 80, 1300-1308.	1.0	17
24	Optimizing Outcomes in Pharyngoesophageal Reconstruction and Neck Resurfacing: 10-Year Experience of 294 Cases. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 105e-119e.	1.4	17
25	Major head and neck reconstruction during the COVID-19 pandemic: The University of Pittsburgh approach. <i>Head and Neck</i> , 2020, 42, 1243-1247.	2.0	16
26	Stable mixed hematopoietic chimerism permits tolerance of vascularized composite allografts across a full major histocompatibility mismatch in swine. <i>Transplant International</i> , 2014, 27, 1086-1096.	1.6	15
27	Whole-eye transplantation: a look into the past and vision for the future. <i>Eye</i> , 2017, 31, 179-184.	2.1	14
28	Evaluation of Porcine Versus Human Mesenchymal Stromal Cells From Three Distinct Donor Locations for Cytotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 826.	4.8	14
29	Functional Outcomes following Multiple Acute Rejections in Experimental Vascularized Composite Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 720e-730e.	1.4	13
30	Staged Reconstruction (Delayed-Immediate) of the Maxillectomy Defect Using CAD/CAM Technology. <i>Journal of Reconstructive Microsurgery</i> , 2018, 34, 193-199.	1.8	13
31	Mycophenolic Acid for Topical Immunosuppression in Vascularized Composite Allotransplantation: Optimizing Formulation and Preliminary Evaluation of Bioavailability and Pharmacokinetics. <i>Frontiers in Surgery</i> , 2018, 5, 20.	1.4	13
32	Milestones in Plastic Surgery: Attending Assessment versus Resident Assessment. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 425e-432e.	1.4	12
33	Clinical Considerations for Vascularized Composite Allotransplantation of the Eye. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1622-1628.	0.7	8
34	Design and Fabrication of an Automatable, 3D Printed Perfusion Device for Tissue Infusion and Perfusion Engineering. <i>Tissue Engineering - Part A</i> , 2020, 26, 253-264.	3.1	8
35	Facial Nerve Repair: Bioengineering Approaches in Preclinical Models. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 364-378.	4.8	8
36	A Novel Fat Making Strategy With Adipose-Derived Progenitor Cell-Enriched Fat Improves Fat Graft Survival. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP1228-NP1236.	1.6	8

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37	Effect of Systemic Adipose-derived Stem Cell Therapy on Functional Nerve Regeneration in a Rodent Model. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2953.	0.6	8
38	Head and Neck Microsurgeon Practice Patterns and Perceptions Regarding Venous Thromboembolism Prophylaxis. <i>Journal of Reconstructive Microsurgery</i> , 2020, 36, 549-555.	1.8	7
39	Standard Fixed Enoxaparin Dosing for Venous Thromboembolism Prophylaxis Leads to Low Peak Anti-Factor Xa Levels in Both Head and Neck and Breast Free Flap Patients. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 749-756.	1.8	7
40	Poor treatment tolerance in head and neck cancer patients with low muscle mass. <i>Head and Neck</i> , 2022, 44, 844-850.	2.0	6
41	Cervical paraspinal skeletal muscle index outperforms frailty indices to predict postoperative adverse events in operable head and neck cancer with microvascular reconstruction. <i>Microsurgery</i> , 2022, 42, 209-216.	1.3	6
42	Tolerance to vascularized musculoskeletal allografts. <i>Transplantation Proceedings</i> , 2001, 33, 616-617.	0.6	4
43	The Use of Bone Cement in Difficult Distal Radius Fractures. <i>Hand</i> , 2013, 8, 387-391.	1.2	4
44	Surgical factors associated with patient-reported quality of life outcomes after free flap reconstruction of the oral cavity. <i>Oral Oncology</i> , 2021, 123, 105574.	1.5	4
45	FIXATION OF COMMUNUTED DISTAL RADIUS FRACTURES WITH A MIXTURE OF CALCIUM PHOSPHATE AND CALCIUM SULFATE CEMENT. <i>Hand Surgery</i> , 2011, 16, 223-228.	0.6	3
46	Pharmacokinetics and Biodistribution of Tacrolimus after Topical Administration: Implications for Vascularized Composite Allotransplantation. <i>Pharmaceutical Research</i> , 2020, 37, 222.	3.5	3
47	Heterotopic Transplantation of Allogeneic Vertical Rectus Abdominis Myocutaneous Flaps in Miniature Swine. <i>Journal of Surgical Research</i> , 2020, 254, 175-182.	1.6	3
48	Ethical Considerations of Whole-Eye Transplantation. <i>Journal of Clinical Ethics</i> , 2016, 27, 64-7.	0.3	3
49	Reconstructing Defects of the Lower Lip: An Emphasis on the Estlander Flap. <i>Eplasty</i> , 2016, 16, ic50.	0.4	1
50	Enlarging Breast Mass in a Patient with a History of Polyurethane Implants. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 68e-70e.	1.4	0
51	Head and Neck Reconstruction in Patients with Polycythemia Vera: Case Series and Literature Review. <i>Journal of Hand and Microsurgery</i> , 2023, 15, 067-074.	0.3	0
52	Reduction of giant parietooccipital fibrous dysplasia using dynamic mirror image guidance: a case report and review of the literature. <i>British Journal of Neurosurgery</i> , 2022, , 1-7.	0.8	0