

Stefan G Tullius

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

4,570
citations

101543

36
h-index

114465

63
g-index

131
all docs

131
docs citations

131
times ranked

5166
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Patients with Full Facial Transplantation. <i>New England Journal of Medicine</i> , 2012, 366, 715-722.	27.0	230
2	Recommended Treatment for Antibody-mediated Rejection After Kidney Transplantation: The 2019 Expert Consensus From the Transplantation Society Working Group. <i>Transplantation</i> , 2020, 104, 911-922.	1.0	172
3	The Combination of Donor and Recipient Age is Critical in Determining Host Immunosensiveness and Renal Transplant Outcome. <i>Annals of Surgery</i> , 2010, 252, 662-674.	4.2	165
4	Inhibition of ischemia/reperfusion injury and chronic graft deterioration by a single-donor treatment with cobalt-protoporphyrin for the induction of heme oxygenase-1. <i>Transplantation</i> , 2002, 74, 591-598.	1.0	162
5	Senolytics prevent mt-DNA-induced inflammation and promote the survival of aged organs following transplantation. <i>Nature Communications</i> , 2020, 11, 4289.	12.8	125
6	Influence of Donor Brain Death on Chronic Rejection of Renal Transplants in Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2474-2481.	6.1	119
7	Age and Immune Response in Organ Transplantation. <i>Transplantation</i> , 2005, 79, 127-132.	1.0	116
8	Old-for-Old Kidney Allocation Allows Successful Expansion of the Donor and Recipient Pool. <i>American Journal of Transplantation</i> , 2003, 3, 1434-1439.	4.7	111
9	Kidney Allocation and the Aging Immune Response. <i>New England Journal of Medicine</i> , 2011, 364, 1369-1370.	27.0	110
10	Improving the Supply and Quality of Deceased-Donor Organs for Transplantation. <i>New England Journal of Medicine</i> , 2018, 378, 1920-1929.	27.0	107
11	Uterus Transplantation. <i>Transplantation</i> , 2018, 102, 569-577.	1.0	101
12	Equally Interchangeable? How Sex and Gender Affect Transplantation. <i>Transplantation</i> , 2019, 103, 1094-1110.	1.0	101
13	Vascularized composite allotransplantation: current standards and novel approaches to prevent acute rejection and chronic allograft deterioration. <i>Transplant International</i> , 2016, 29, 655-662.	1.6	99
14	Effects of brain death on organ quality and transplant outcome. <i>Transplantation Reviews</i> , 2012, 26, 54-59.	2.9	95
15	Flow Cessation Triggers Endothelial Dysfunction During Organ Cold Storage Conditions: Strategies for Pharmacologic Intervention. <i>Transplantation</i> , 2010, 90, 142-149.	1.0	91
16	NAD ⁺ protects against EAE by regulating CD4 ⁺ T-cell differentiation. <i>Nature Communications</i> , 2014, 5, 5101.	12.8	89
17	Improvements in Early Behavior of Rat Kidney Allografts After Treatment of the Brain-Dead Donor. <i>Annals of Surgery</i> , 2001, 234, 732-740.	4.2	86
18	A Rationale for Age-Adapted Immunosuppression in Organ Transplantation. <i>Transplantation</i> , 2015, 99, 2258-2268.	1.0	86

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19	Acute rejection in vascularized composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2014, 19, 531-544.	1.6	84
20	Ischemia/Reperfusion Injury and its Consequences on Immunity and Inflammation. <i>Current Transplantation Reports</i> , 2014, 1, 147-154.	2.0	81
21	Expanding controlled donation after the circulatory determination of death: statement from an international collaborative. <i>Intensive Care Medicine</i> , 2021, 47, 265-281.	8.2	80
22	Targeted Delivery of Immunomodulators to Lymph Nodes. <i>Cell Reports</i> , 2016, 15, 1202-1213.	6.4	73
23	Biomarker evaluation of face transplant rejection: association of donor T cells with target cell injury. <i>Modern Pathology</i> , 2014, 27, 788-799.	5.5	71
24	An overview of frailty in kidney transplantation: measurement, management and future considerations. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1099-1112.	0.7	68
25	Vascularized composite tissue allotransplantation – state of the art. <i>Clinical Transplantation</i> , 2013, 27, 330-337.	1.6	66
26	Perceptions and Practices Regarding Frailty in Kidney Transplantation: Results of a National Survey. <i>Transplantation</i> , 2020, 104, 349-356.	1.0	54
27	Frailty and Transplantation. <i>Transplantation</i> , 2016, 100, 727-733.	1.0	52
28	Immunosenescence and organ transplantation. <i>Transplantation Reviews</i> , 2013, 27, 65-75.	2.9	51
29	Ageing and the immune response to organ transplantation. <i>Journal of Clinical Investigation</i> , 2017, 127, 2523-2529.	8.2	48
30	Facial allotransplantation: A 3-year follow-up report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013, 66, 1458-1463.	1.0	46
31	T Cells Going Innate. <i>Trends in Immunology</i> , 2016, 37, 546-556.	6.8	46
32	Five-Year Follow-up after Face Transplantation. <i>New England Journal of Medicine</i> , 2019, 380, 2579-2581.	27.0	46
33	Impact of immunosenescence on transplant outcome. <i>Transplant International</i> , 2013, 26, 242-253.	1.6	45
34	Ischemia augments alloimmune injury through IL-6-driven CD4+ alloreactivity. <i>Scientific Reports</i> , 2018, 8, 2461.	3.3	42
35	Utility of Sentinel Flaps in Assessing Facial Allograft Rejection. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 250-258.	1.4	39
36	Human vascular progenitor cells derived from renal arteries are endothelial-like and assist in the repair of injured renal capillary networks. <i>Kidney International</i> , 2017, 91, 129-143.	5.2	38

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37	Face transplantation-current status and future developments. <i>Transplant International</i> , 2018, 31, 677-688.	1.6	38
38	Ethical Issues in the COVID Era: Doing the Right Thing Depends on Location, Resources, and Disease Burden. <i>Transplantation</i> , 2020, 104, 1316-1320.	1.0	38
39	Organ Procurement and Perfusion before Transplantation. <i>New England Journal of Medicine</i> , 2009, 360, 78-80.	27.0	36
40	Association of Cold Ischemia Time With Acute Renal Transplant Rejection. <i>Transplantation</i> , 2018, 102, 1188-1194.	1.0	36
41	The Combined Risk of Donor Quality and Recipient Age. <i>Transplantation</i> , 2014, 98, 1069-1076.	1.0	35
42	CD11c ⁺ Dendritic Cells Accelerate the Rejection of Older Cardiac Transplants via Interleukin-17A. <i>Circulation</i> , 2015, 132, 122-131.	1.6	35
43	Infiltration patterns of macrophages and lymphocytes in chronically rejecting rat kidney allografts. <i>Transplant International</i> , 1994, 7, 349-355.	1.6	34
44	Immunosenescence and Immune Response in Organ Transplantation. <i>International Reviews of Immunology</i> , 2014, 33, 162-173.	3.3	34
45	The Impact of Sex on Alloimmunity. <i>Trends in Immunology</i> , 2018, 39, 407-418.	6.8	34
46	Obesity and Its Impact on Transplantation and Alloimmunity. <i>Transplantation</i> , 2013, 96, 10-16.	1.0	33
47	Potent Early Immune Response After Kidney Transplantation in Patients of the European Senior Transplant Program. <i>Transplantation</i> , 2009, 87, 992-1000.	1.0	32
48	Ischemia-Reperfusion Injury in Vascularized Composite Allotransplantation. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 51-56.	0.7	31
49	NAD ⁺ regulates Treg cell fate and promotes allograft survival via a systemic IL-10 production that is CD4 ⁺ CD25 ⁺ Foxp3 ⁺ T cells independent. <i>Scientific Reports</i> , 2016, 6, 22325.	3.3	30
50	Composite tissue allotransplantation: opportunities and challenges. <i>Cellular and Molecular Immunology</i> , 2019, 16, 343-349.	10.5	30
51	Immunosenescence in renal transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 417-423.	1.6	29
52	Prolonged Graft Survival in Older Recipient Mice Is Determined by Impaired Effector T-Cell but Intact Regulatory T-Cell Responses. <i>PLoS ONE</i> , 2010, 5, e9232.	2.5	29
53	Accumulation of Crystal Deposits in Abdominal Organs Following Perfusion with Defrosted University of Wisconsin Solutions. <i>American Journal of Transplantation</i> , 2002, 2, 627-630.	4.7	28
54	Alterations of the immune response with increasing recipient age are associated with reduced long-term organ graft function of rat kidney allografts ¹ . <i>Transplantation</i> , 2003, 76, 1560-1568.	1.0	27

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55	The potential of ex vivo lung perfusion on improving organ quality and ameliorating ischemia reperfusion injury. <i>American Journal of Transplantation</i> , 2021, 21, 3831-3839.	4.7	25
56	Mast cells regulate CD4+ T-cell differentiation in the absence of antigen presentation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1894-1908.e7.	2.9	23
57	Accelerated chronic skin changes without allograft vasculopathy: A 10-year outcome report after face transplantation. <i>Surgery</i> , 2020, 167, 991-998.	1.9	23
58	Ferumoxytol-Enhanced Magnetic Resonance Imaging in Late-Stage CKD. <i>American Journal of Kidney Diseases</i> , 2016, 67, 984-988.	1.9	22
59	Mixing old and young: enhancing rejuvenation and accelerating aging. <i>Journal of Clinical Investigation</i> , 2019, 129, 4-11.	8.2	22
60	Understanding alterations in drug handling with aging. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 424-430.	1.6	21
61	Targeting of intragraft reactive oxygen species by APP-103, a novel polymer product, mitigates ischemia/reperfusion injury and promotes the survival of renal transplants. <i>American Journal of Transplantation</i> , 2020, 20, 1527-1537.	4.7	21
62	Recipient sex and estradiol levels affect transplant outcomes in an age-specific fashion. <i>American Journal of Transplantation</i> , 2021, 21, 3239-3255.	4.7	21
63	Ischaemia-free liver transplantation in humans: a first-in-human trial. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 16, 100260.	2.9	21
64	Longitudinal immunological characterization of the first presensitized recipient of a face transplant. <i>JCI Insight</i> , 2017, 2, .	5.0	18
65	Global Impact of the COVID-19 Pandemic on Solid Organ Transplant. <i>Transplantation Proceedings</i> , 2022, 54, 1412-1416.	0.6	17
66	Inflammatory immune responses in a reproducible mouse brain death model. <i>Transplant Immunology</i> , 2012, 27, 25-29.	1.2	16
67	Targeting age-specific changes in CD4 ⁺ T cell metabolism ameliorates alloimmune responses and prolongs graft survival. <i>Aging Cell</i> , 2021, 20, e13299.	6.7	16
68	Infiltration patterns of macrophages and lymphocytes in chronically rejecting rat kidney allografts. <i>Transplant International</i> , 1994, 7, 349-355.	1.6	16
69	Alloantigen-independent factors lead to signs of chronic rejection in long-term kidney isografts. <i>Transplant International</i> , 1994, 7, 306-307.	1.6	13
70	Infection-associated cellular activation accelerates chronic renal allograft rejection in rats. <i>Transplant International</i> , 1996, 9, 137-140.	1.6	13
71	Rapamycin Prolongs Graft Survival and Induces CD4 ⁺ IFN- γ ⁺ IL-10 ⁺ Regulatory Type 1 Cells in Old Recipient Mice. <i>Transplantation</i> , 2018, 102, 59-69.	1.0	13
72	Noncirrhotic hyperammonemia after deceased donor kidney transplantation: A case report. <i>American Journal of Transplantation</i> , 2019, 19, 3197-3201.	4.7	13

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73	Changes of T-cell Immunity Over a Lifetime. <i>Transplantation</i> , 2019, 103, 2227-2233.	1.0	13
74	Current status of vascularized composite tissue allotransplantation. <i>Burns and Trauma</i> , 2014, 2, 53.	0.7	12
75	Improving the Supply and Quality of Deceased-Donor Organs for Transplantation. <i>New England Journal of Medicine</i> , 2018, 379, 691-694.	27.0	12
76	Defective CD8 Signaling Pathways Delay Rejection in Older Recipients. <i>Transplantation</i> , 2016, 100, 69-79.	1.0	11
77	Face Transplantation in a Highly Sensitized Recipient. <i>Military Medicine</i> , 2016, 181, 221-226.	0.8	11
78	A Mechano-Activated Cell Reporter System as a Proxy for Flow-Dependent Endothelial Atheroprotection. <i>SLAS Discovery</i> , 2018, 23, 869-876.	2.7	11
79	Immunoregulatory and lipid presentation pathways are upregulated in human face transplant rejection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
80	The potential of Senolytics in transplantation. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111582.	4.6	11
81	Consequences of transplant quality on chronic allograft nephropathy. <i>Kidney International</i> , 2010, 78, S54-S58.	5.2	10
82	Modified CD4+ T-cell response in recipients of old cardiac allografts. <i>Transplant International</i> , 2012, 25, 328-336.	1.6	10
83	Seasonal Variability Precipitating Hand Transplant Rejection?. <i>Transplantation</i> , 2017, 101, e313.	1.0	10
84	CTLA4-Ig prolongs graft survival specifically in young but not old mice. <i>American Journal of Transplantation</i> , 2021, 21, 488-502.	4.7	10
85	Donor and Recipient Age-Mismatches: The Potential of Transferring Senescence. <i>Frontiers in Immunology</i> , 2021, 12, 671479.	4.8	10
86	Meeting Report: Second World Congress of the International Society of Uterus Transplantation, Cleveland. <i>Transplantation</i> , 2020, 104, 1312-1315.	1.0	9
87	The Fetal-Maternal Immune Interface in Uterus Transplantation. <i>Trends in Immunology</i> , 2020, 41, 213-224.	6.8	9
88	Restored TDCA and valine levels imitate the effects of bariatric surgery. <i>ELife</i> , 2021, 10, .	6.0	9
89	Successful Recovery and Transplantation of 11 Organs Including Face, Bilateral Upper Extremities, and Thoracic and Abdominal Organs From a Single Deceased Organ Donor. <i>Transplantation</i> , 2016, 100, 2226-2229.	1.0	7
90	Saving Lives by Saving Kidneys for Transplant. <i>JAMA Internal Medicine</i> , 2019, 179, 1374.	5.1	7

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91	Aging Affects the Role of Myeloid-Derived Suppressor Cells in Alloimmunity. <i>Frontiers in Immunology</i> , 2021, 12, 101-107.	4.8	7
92	Moving Boundaries – The Nightingale Twins and Transplantation Science. <i>New England Journal of Medicine</i> , 2012, 366, 1564-1565.	27.0	6
93	ACTH treatment promotes murine cardiac allograft acceptance. <i>JCI Insight</i> , 2021, 6, .	5.0	6
94	SARS-CoV-2 in Solid Organ Transplant Recipients: A Structured Review of 2020. <i>Transplantation Proceedings</i> , 2021, 53, 2421-2434.	0.6	6
95	The marginal kidney donor. <i>Current Opinion in Urology</i> , 2002, 12, 101-107.	1.8	5
96	Disparities in kidney transplantation across the United States: Does residential segregation play a role?. <i>American Journal of Surgery</i> , 2017, 213, 656-661.	1.8	5
97	Access of non-residents to transplantation of deceased donor organs: practices and strategies in the European setting. <i>Transplant International</i> , 2021, 34, 2112-2121.	1.6	5
98	Taurodeoxycholic acid and valine reverse obesity-associated augmented alloimmune responses and prolong allograft survival. <i>American Journal of Transplantation</i> , 2022, 22, 402-413.	4.7	5
99	Management strategies and outcomes in renal transplant recipients recovering from COVID-19: A retrospective, multicentre, cohort study. <i>EClinicalMedicine</i> , 2022, 46, 101359.	7.1	5
100	Primary Graft Dysfunction: The Role of Aging in Lung Ischemia-Reperfusion Injury. <i>Frontiers in Immunology</i> , 2021, 12, 101-107.	4.8	5
101	Recall features and allorecognition in innate immunity. <i>Transplant International</i> , 2018, 31, 6-13.	1.6	3
102	Hand-assisted laparoscopic retroperitoneal donor nephrectomy: A single-institution experience of over 500 cases – Operative technique and clinical outcomes. <i>Clinical Transplantation</i> , 2018, 32, e13261.	1.6	3
103	Opportunities and Challenges of Targeting an Aging Immune System. <i>Transplantation</i> , 2021, 105, 2515-2516.	1.0	3
104	Characterization of Leptin Receptor+ Stromal Cells in Lymph Node. <i>Frontiers in Immunology</i> , 2021, 12, 730438.	4.8	3
105	Increased mortality after liver transplantation for hepatocellular carcinoma in hepatitis B-associated cirrhosis. <i>Transplant International</i> , 2003, 16, 33-36.	1.6	2
106	The importance of prevention of calciphylaxis in patients who are at risk and the potential fallibility of calcimimetics in the treatment of calciphylaxis for patients with secondary hyperparathyroidism. <i>CKJ: Clinical Kidney Journal</i> , 2010, 3, 68-70.	2.9	2
107	Vascular composite tissue transplantation: achievements and challenges in a rapidly developing field. <i>Transplant International</i> , 2016, 29, 643-643.	1.6	2
108	Treatment of Rejection in Vascularized Composite Allotransplantation. <i>Current Transplantation Reports</i> , 2016, 3, 404-409.	2.0	2

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109	Immunosuppression in vascularized composite allotransplant: the search for an effective and safe treatment continues. <i>Transplant International</i> , 2020, 33, 1291-1293.	1.6	2
110	Kidney-Draining Lymph Node Fibrosis Following Unilateral Ureteral Obstruction. <i>Frontiers in Immunology</i> , 2021, 12, 768412.	4.8	2
111	The impact of donor age and recipient age on clinical course and immune response after organ transplantation. <i>Transplantation Reviews</i> , 2006, 20, 179-188.	2.9	1
112	Association of balanced abdominal organ transplant center volumes with patient outcomes. <i>Clinical Transplantation</i> , 2021, 35, e14217.	1.6	1
113	Overcoming roadblocks on the way to national self-sufficiency: exploring the deceased donor potential in India. <i>Transplant International</i> , 2014, 27, 1005-1006.	1.6	0
114	Living Donors: Caring for the Trailblazers of Progress in Transplantation. <i>Transplantation</i> , 2018, 102, e461-e461.	1.0	0
115	A Contraindication for Transplantation? Consequences of Frailty on Immunity and Immunosuppression. <i>Current Transplantation Reports</i> , 2019, 6, 26-35.	2.0	0
116	First Healthy Baby After Deceased Donor Uterus Transplantation: Birth to a New Era?. <i>Transplantation</i> , 2019, 103, 652-653.	1.0	0
117	The fate of donor cells in intestinal transplantation: friend or foe?. <i>Transplant International</i> , 2020, 33, 1010-1012.	1.6	0
118	Immunosuppression after uterus transplantation. <i>Current Opinion in Organ Transplantation</i> , 2021, 26, 627-633.	1.6	0
119	Editorial: Uterus transplantation: the only curative treatment for absolute uterine factor infertility is moving forward. <i>Current Opinion in Organ Transplantation</i> , 2021, 26, 615.	1.6	0
120	Hospital do Rim, São Paulo: A World Leader in Kidney Transplantation. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2017, 39, 234-235.	0.9	0
121	Immunosenescence and Immunosuppressive Drugs in the Elderly. , 2018, , 1-21.		0
122	Immunosenescence and Immunosuppressive Drugs in the Elderly. , 2019, , 2147-2167.		0