

Gerald Brandacher

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254
papers

6,988
citations

40
h-index

74
g-index

284
ext. papers

8,004
ext. citations

4.6
avg, IF

5.53
L-index

#	Paper	IF	Citations
254	Prognostic value of indoleamine 2,3-dioxygenase expression in colorectal cancer: effect on tumor-infiltrating T cells. <i>Clinical Cancer Research</i> , 2006 , 12, 1144-51	12.9	459
253	Interleukin-6 stimulates thrombopoiesis through thrombopoietin: role in inflammatory thrombocytosis. <i>Blood</i> , 2001 , 98, 2720-5	2.2	426
252	The promise of organ and tissue preservation to transform medicine. <i>Nature Biotechnology</i> , 2017 , 35, 530-542	44.5	246
251	Injectable bioadhesive hydrogels with innate antibacterial properties. <i>Nature Communications</i> , 2014 , 5, 4095	17.4	211
250	Facial transplantation: the first 9 years. <i>Lancet, The</i> , 2014 , 384, 2153-63	40	193
249	Hand and upper extremity transplantation: an update of outcomes in the worldwide experience. <i>Plastic and Reconstructive Surgery</i> , 2015 , 135, 351e-360e	2.7	160
248	Upper-extremity transplantation using a cell-based protocol to minimize immunosuppression. <i>Annals of Surgery</i> , 2013 , 257, 345-51	7.8	151
247	Nitric oxide-mediated regulation of ferroportin-1 controls macrophage iron homeostasis and immune function in Salmonella infection. <i>Journal of Experimental Medicine</i> , 2013 , 210, 855-73	16.6	142
246	Mitochondrial defects and heterogeneous cytochrome c release after cardiac cold ischemia and reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1633-41	5.2	130
245	Preventing Allograft Rejection by Targeting Immune Metabolism. <i>Cell Reports</i> , 2015 , 13, 760-770	10.6	122
244	Neopterin, a prognostic marker in human malignancies. <i>Cancer Letters</i> , 2010 , 287, 13-22	9.9	115
243	Overexpression of indoleamine 2,3-dioxygenase in human inflammatory bowel disease. <i>Clinical Immunology</i> , 2004 , 113, 47-55	9	113
242	A multiphase transitioning peptide hydrogel for suturing ultrasmall vessels. <i>Nature Nanotechnology</i> , 2016 , 11, 95-102	28.7	111
241	The Innsbruck hand transplant program: update at 8 years after the first transplant. <i>Transplantation Proceedings</i> , 2009 , 41, 491-4	1.1	99
240	A double-hand transplant can be worth the effort!. <i>Transplantation</i> , 2002 , 74, 85-90	1.8	88
239	First forearm transplantation: outcome at 3 years. <i>American Journal of Transplantation</i> , 2007 , 7, 1753-628.7		85
238	Non-invasive monitoring of kidney allograft rejection through IDO metabolism evaluation. <i>Kidney International</i> , 2007 , 71, 60-7	9.9	85

237	Steroid- and ATG-resistant rejection after double forearm transplantation responds to Campath-1H. <i>American Journal of Transplantation</i> , 2004 , 4, 1372-4	8.7	82
236	Chronic immune activation underlies morbid obesity: is IDO a key player?. <i>Current Drug Metabolism</i> , 2007 , 8, 289-95	3.5	81
235	Cytomegalovirus-related complications in human hand transplantation. <i>Transplantation</i> , 2005 , 80, 441-7	1.8	81
234	14-3-3sigma expression is an independent prognostic parameter for poor survival in colorectal carcinoma patients. <i>Clinical Cancer Research</i> , 2005 , 11, 3274-9	12.9	81
233	Antitumoral activity of interferon-gamma involved in impaired immune function in cancer patients. <i>Current Drug Metabolism</i> , 2006 , 7, 599-612	3.5	76
232	Achievements and challenges in composite tissue allotransplantation. <i>Transplant International</i> , 2011 , 24, 760-9	3	74
231	Induction of indoleamine 2,3-dioxygenase in vascular smooth muscle cells by interferon-gamma contributes to medial immunoprivilege. <i>Journal of Immunology</i> , 2007 , 179, 5246-54	5.3	73
230	Molecular markers and targeted therapy of skin rejection in composite tissue allotransplantation. <i>American Journal of Transplantation</i> , 2010 , 10, 1200-9	8.7	72
229	Immunomodulatory effects of adipose-derived stem cells: fact or fiction?. <i>BioMed Research International</i> , 2013 , 2013, 383685	3	70
228	World experience after more than a decade of clinical hand transplantation: update on the Innsbruck program. <i>Hand Clinics</i> , 2011 , 27, 423-31, viii	1.7	68
227	Bariatric surgery cannot prevent tryptophan depletion due to chronic immune activation in morbidly obese patients. <i>Obesity Surgery</i> , 2006 , 16, 541-8	3.7	68
226	IDO and regulatory T cell support are critical for cytotoxic T lymphocyte-associated Ag-4 Ig-mediated long-term solid organ allograft survival. <i>Journal of Immunology</i> , 2012 , 188, 37-46	5.3	65
225	Status 5 years after bilateral hand transplantation. <i>American Journal of Transplantation</i> , 2006 , 6, 834-41	8.7	65
224	Donor age negatively affects the immunoregulatory properties of both adipose and bone marrow derived mesenchymal stem cells. <i>Transplant Immunology</i> , 2014 , 30, 122-7	1.7	62
223	A p38MAPK/MK2 signaling pathway leading to redox stress, cell death and ischemia/reperfusion injury. <i>Cell Communication and Signaling</i> , 2014 , 12, 6	7.5	60
222	Cross reactivity of three T cell attracting murine chemokines stimulating the CXC chemokine receptor CXCR3 and their induction in cultured cells and during allograft rejection. <i>European Journal of Immunology</i> , 2001 , 31, 2521-7	6.1	59
221	Mesenchymal Stem Cells Enhance Nerve Regeneration in a Rat Sciatic Nerve Repair and Hindlimb Transplant Model. <i>Scientific Reports</i> , 2016 , 6, 31306	4.9	55
220	Outcomes after hand and upper extremity transplantation. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 72	4.5	52

219	Antibody-mediated rejection in hand transplantation. <i>Transplant International</i> , 2014 , 27, e13-7	3	49
218	Minimizing immunosuppression in hand transplantation. <i>Expert Review of Clinical Immunology</i> , 2012 , 8, 673-83; quiz 684	5.1	47
217	Functional outcome after hand and forearm transplantation: what can be achieved?. <i>Hand Clinics</i> , 2011 , 27, 455-65, viii-ix	1.7	41
216	Growth Hormone Therapy Accelerates Axonal Regeneration, Promotes Motor Reinnervation, and Reduces Muscle Atrophy Following Peripheral Nerve Injury. <i>Plastic and Reconstructive Surgery</i> , 2016 , 137, 1771-1780	2.7	41
215	Standardizing skin biopsy sampling to assess rejection in vascularized composite allotransplantation. <i>Clinical Transplantation</i> , 2013 , 27, E81-90	3.8	40
214	Surgical and technical aspects of hand transplantation: is it just another replant?. <i>Hand Clinics</i> , 2011 , 27, 521-30, x	1.7	39
213	Expression and prognostic impact of indoleamine 2,3-dioxygenase in oral squamous cell carcinomas. <i>Oral Oncology</i> , 2011 , 47, 352-7	4.4	39
212	Intracellular signaling pathways control mitochondrial events associated with the development of ischemia/ reperfusion-associated damage. <i>Transplant International</i> , 2009 , 22, 922-30	3	39
211	Infectious complications in three double hand recipients: experience from a single center. <i>Transplantation Proceedings</i> , 2009 , 41, 517-20	1.1	39
210	Mouse hind limb transplantation: a new composite tissue allotransplantation model using nonsuture supermicrosurgery. <i>Transplantation</i> , 2010 , 90, 1374-80	1.8	39
209	Histopathologic characterization of mild rejection (grade I) in skin biopsies of human hand allografts. <i>Transplant International</i> , 2012 , 25, 56-63	3	38
208	Favoring the risk-benefit balance for upper extremity transplantation--the Pittsburgh Protocol. <i>Hand Clinics</i> , 2011 , 27, 511-20, ix-x	1.7	38
207	Pneumonia in solid organ recipients: spectrum of pathogens in 217 episodes. <i>Transplantation Proceedings</i> , 2009 , 41, 371-4	1.1	38
206	Targeted delivery of immune therapeutics to lymph nodes prolongs cardiac allograft survival. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4770-4786	15.9	38
205	T regulatory cells and transplantation tolerance. <i>Transplantation Reviews</i> , 2010 , 24, 147-59	3.3	36
204	N-(Pivaloyloxy)alkoxy-carbonyl Prodrugs of the Glutamine Antagonist 6-Diazo-5-oxo-L-norleucine (DON) as a Potential Treatment for HIV Associated Neurocognitive Disorders. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7186-7198	8.3	35
203	IDO-Mediated Tryptophan Degradation in the Pathogenesis of Malignant Tumor Disease. <i>International Journal of Tryptophan Research</i> , 2010 , 3, 113-20	5.6	35
202	Current concepts and systematic review of vascularized composite allotransplantation of the abdominal wall. <i>Clinical Transplantation</i> , 2013 , 27, 781-9	3.8	33

201	Composite tissue allotransplantation: hand transplantation and beyond. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2010 , 18, 127-31	4.5	33
200	Using the dorsal, cavernosal, and external pudendal arteries for penile transplantation: technical considerations and perfusion territories. <i>Plastic and Reconstructive Surgery</i> , 2014 , 134, 111e-119e	2.7	32
199	Influence of immunosuppressive agents on tryptophan degradation and neopterin production in human peripheral blood mononuclear cells. <i>Transplant Immunology</i> , 2011 , 25, 119-23	1.7	32
198	Immunologic aspects and rejection in solid organ versus reconstructive transplantation. <i>Transplantation Proceedings</i> , 2010 , 42, 3347-53	1.1	32
197	Real-time three-dimensional Fourier-domain optical coherence tomography video image guided microsurgeries. <i>Journal of Biomedical Optics</i> , 2012 , 17, 081403-1	3.5	32
196	Implications of IFN-gamma-mediated tryptophan catabolism on solid organ transplantation. <i>Current Drug Metabolism</i> , 2007 , 8, 273-82	3.5	32
195	Review of the early diagnoses and assessment of rejection in vascularized composite allotransplantation. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 402980		31
194	Gene expression profiling of prolonged cold ischemia and reperfusion in murine heart transplants. <i>Transplantation</i> , 2002 , 74, 1441-9	1.8	31
193	The psychological assessment of candidates for reconstructive hand transplantation. <i>Transplant International</i> , 2012 , 25, 573-85	3	30
192	Preliminary development of a workstation for craniomaxillofacial surgical procedures: introducing a computer-assisted planning and execution system. <i>Journal of Craniofacial Surgery</i> , 2014 , 25, 273-83	1.2	29
191	CTLA4Ig promotes the induction of hematopoietic chimerism and tolerance independently of Indoleamine-2,3-dioxygenase. <i>Transplantation</i> , 2007 , 83, 663-7	1.8	29
190	Enhanced degradation of tryptophan in patients on hemodialysis. <i>Clinical Nephrology</i> , 2010 , 74, 465-70	2.1	29
189	The effect of secretory leukocyte protease inhibitor (SLPI) on ischemia/reperfusion injury in cardiac transplantation. <i>American Journal of Transplantation</i> , 2008 , 8, 773-82	8.7	28
188	Characterization, prophylaxis, and treatment of infectious complications in craniomaxillofacial and upper extremity allotransplantation: a multicenter perspective. <i>Plastic and Reconstructive Surgery</i> , 2014 , 133, 543e-551e	2.7	27
187	Vagal nerve dissection during pouch formation in laparoscopic Roux-Y-gastric bypass for technical simplification: does it matter?. <i>Obesity Surgery</i> , 2009 , 19, 412-7	3.7	27
186	Hand allotransplantation. <i>Seminars in Plastic Surgery</i> , 2010 , 24, 11-7	2	26
185	Hemiface allotransplantation in the mouse. <i>Plastic and Reconstructive Surgery</i> , 2012 , 129, 867-870	2.7	26
184	Penile transplantation: an emerging option for genitourinary reconstruction. <i>Transplant International</i> , 2017 , 30, 441-450	3	25

183	Diagnosing skin rejection in vascularized composite allotransplantation: advances and challenges. <i>Clinical Transplantation</i> , 2014 , 28, 277-85	3.8	25
182	Histomorphometric evaluation of ischemia-reperfusion injury and the effect of preservation solutions histidine-tryptophan-ketoglutarate and University of Wisconsin in limb transplantation. <i>Transplantation</i> , 2014 , 98, 713-20	1.8	25
181	Animal models for basic and translational research in reconstructive transplantation. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2012 , 96, 39-50		25
180	Ischemia/reperfusion injury in vascularized tissue allotransplantation: tissue damage and clinical relevance. <i>Current Opinion in Organ Transplantation</i> , 2016 , 21, 503-9	2.5	24
179	Complete hepatic ischemia due to torsion of a large accessory liver lobe: first case to require transplantation. <i>Transplant International</i> , 2005 , 18, 467-9	3	24
178	Lymphoid neogenesis in skin of human hand, nonhuman primate, and rat vascularized composite allografts. <i>Transplant International</i> , 2014 , 27, 966-76	3	23
177	How reconstructive transplantation is different from organ transplantation--and how it is not. <i>Transplantation Proceedings</i> , 2011 , 43, 3504-11	1.1	23
176	Tetrahydrobiopterin protects the kidney from ischemia-reperfusion injury. <i>Kidney International</i> , 2010 , 77, 681-9	9.9	23
175	Rapamycin and CTLA4Ig synergize to induce stable mixed chimerism without the need for CD40 blockade. <i>American Journal of Transplantation</i> , 2015 , 15, 1568-79	8.7	22
174	An overview of psychosocial assessment procedures in reconstructive hand transplantation. <i>Transplant International</i> , 2014 , 27, 417-27	3	22
173	Technical aspects of the recipient operation in hand transplantation. <i>Journal of Reconstructive Microsurgery</i> , 2012 , 28, 27-34	2.5	22
172	An immunocompetent mouse model of human glioblastoma. <i>Oncotarget</i> , 2017 , 8, 61072-61082	3.3	22
171	Combined Anti-CD154/CTLA4Ig Costimulation Blockade-Based Therapy Induces Donor-Specific Tolerance to Vascularized Osteomyocutaneous Allografts. <i>American Journal of Transplantation</i> , 2016 , 16, 2030-41	8.7	22
170	Macroporous nanofiber wraps promote axonal regeneration and functional recovery in nerve repair by limiting fibrosis. <i>Acta Biomaterialia</i> , 2019 , 88, 332-345	10.8	21
169	Immunosuppression and monitoring of rejection in hand transplantation. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2013 , 17, 208-14	0.5	21
168	Single-center experience with third and fourth kidney transplants. <i>Transplant International</i> , 2011 , 24, 780-6	3	21
167	Anesthetic management in upper extremity transplantation: the Pittsburgh experience. <i>Anesthesia and Analgesia</i> , 2012 , 115, 678-88	3.9	21
166	Clinical relevance of indoleamine 2,3-dioxygenase for alloimmunity and transplantation. <i>Current Opinion in Organ Transplantation</i> , 2008 , 13, 10-5	2.5	20

165	Tetrahydrobiopterin compounds prolong allograft survival independently of their effect on nitric oxide synthase activity. <i>Transplantation</i> , 2006 , 81, 583-9	1.8	20
164	Estradiol enhances murine cardiac allograft rejection under cyclosporin and can be antagonized by the antiestrogen tamoxifen. <i>Transplantation</i> , 2002 , 74, 354-7	1.8	20
163	Growth Hormone Improves Nerve Regeneration, Muscle Re-innervation, and Functional Outcomes After Chronic Denervation Injury. <i>Scientific Reports</i> , 2019 , 9, 3117	4.9	20
162	Autoimmune Hepatitis-Immunologically Triggered Liver Pathogenesis-Diagnostic and Therapeutic Strategies. <i>Journal of Immunology Research</i> , 2019 , 2019, 9437043	4.5	20
161	Penile Allograft Transplantation for Complex Genitourinary Reconstruction. <i>Journal of Urology</i> , 2017 , 198, 274-280	2.5	19
160	Insights from computational modeling in inflammation and acute rejection in limb transplantation. <i>PLoS ONE</i> , 2014 , 9, e99926	3.7	19
159	Proteomic profiling of acute cardiac allograft rejection. <i>Transplantation</i> , 2009 , 88, 553-60	1.8	19
158	Ex Vivo Model of Human Penile Transplantation and Rejection: Implications for Erectile Tissue Physiology. <i>European Urology</i> , 2017 , 71, 584-593	10.2	18
157	The use of luminex assays to measure cytokines. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1-5	4.3	18
156	Indoleamine 2,3-dioxygenase and foxp3 expression in skin rejection of human hand allografts. <i>Transplantation Proceedings</i> , 2009 , 41, 509-12	1.1	18
155	Alemtuzumab: key for minimization of maintenance immunosuppression in reconstructive transplantation?. <i>Transplantation Proceedings</i> , 2009 , 41, 499-502	1.1	18
154	A novel technique for heterotopic vascularized pancreas transplantation in mice to assess ischemia reperfusion injury and graft pancreatitis. <i>Surgery</i> , 2007 , 141, 682-9	3.6	18
153	Total Penis, Scrotum, and Lower Abdominal Wall Transplantation. <i>New England Journal of Medicine</i> , 2019 , 381, 1876-1878	59.2	17
152	The effect of chondroitinase on nerve regeneration following composite tissue allotransplantation. <i>Journal of Hand Surgery</i> , 2011 , 36, 1447-52	2.6	17
151	Exploring cell-based tolerance strategies for hand and face transplantation. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 1189-204	5.1	16
150	Reconstruction of Large Abdominal Wall Defects Using Neurotized Vascular Composite Allografts. <i>Plastic and Reconstructive Surgery</i> , 2015 , 136, 728-737	2.7	16
149	A modified heterotopic swine hind limb transplant model for translational vascularized composite allotransplantation (VCA) research. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	16
148	Clinical implementation of a procedure to prepare bone marrow cells from cadaveric vertebral bodies. <i>Regenerative Medicine</i> , 2011 , 6, 701-6	2.5	16

147	The 4-amino analogue of tetrahydrobiopterin efficiently prolongs murine cardiac-allograft survival. <i>Journal of Heart and Lung Transplantation</i> , 2001 , 20, 747-9	5.8	16
146	Stem cell-based approaches to improve nerve regeneration: potential implications for reconstructive transplantation?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015 , 63, 15-30	4	15
145	The Ethics of Hand Transplantation: A Systematic Review. <i>Journal of Hand Surgery</i> , 2018 , 43, 84.e1-84.e15.6	15.6	15
144	Microvascular anastomosis guidance and evaluation using real-time three-dimensional Fourier-domain Doppler optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2013 , 18, 111404	3.5	15
143	Trends in immunosuppression after pancreas transplantation: what is in the pipeline?. <i>Current Opinion in Organ Transplantation</i> , 2013 , 18, 76-82	2.5	15
142	Overcoming cross-gender differences and challenges in Le Fort-based, craniomaxillofacial transplantation with enhanced computer-assisted technology. <i>Annals of Plastic Surgery</i> , 2013 , 71, 421-8	1.7	15
141	Cold ischemia contributes to the development of chronic rejection and mitochondrial injury after cardiac transplantation. <i>Transplant International</i> , 2010 , 23, 1282-92	3	15
140	Mechanisms and mediators of inflammation: potential models for skin rejection and targeted therapy in vascularized composite allotransplantation. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 757310		15
139	Therapeutic augmentation of the growth hormone axis to improve outcomes following peripheral nerve injury. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 1259-65	6.4	15
138	The neck as a preferred recipient site for vascularized composite allotransplantation in the mouse. <i>Plastic and Reconstructive Surgery</i> , 2014 , 133, 133e-141e	2.7	14
137	Impact of donor-specific antibodies in reconstructive transplantation. <i>Expert Review of Clinical Immunology</i> , 2013 , 9, 835-44	5.1	14
136	Mitochondrial ischemia-reperfusion injury of the transplanted rat heart: improved protection by preservation versus cardioplegic solutions. <i>Shock</i> , 2008 , 30, 365-71	3.4	14
135	Advances in machine perfusion, organ preservation, and cryobiology: potential impact on vascularized composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2018 , 23, 561-567	2.5	14
134	Murine Full-thickness Skin Transplantation. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	13
133	Near-infrared lymphography as a minimally invasive modality for imaging lymphatic reconstitution in a rat orthotopic hind limb transplantation model. <i>Transplant International</i> , 2013 , 26, 928-37	3	13
132	Concomitant face and hand transplantation: perfect solution or perfect storm?. <i>Annals of Plastic Surgery</i> , 2011 , 67, 309-14	1.7	13
131	A rapid vascular anastomosis technique for hind-limb transplantation in rats. <i>Plastic and Reconstructive Surgery</i> , 2010 , 126, 869-874	2.7	13
130	Tetrahydro-4-aminobiopterin attenuates dendritic cell-induced T cell priming independently from inducible nitric oxide synthase. <i>Journal of Immunology</i> , 2005 , 174, 7584-91	5.3	13

129	Cervical heterotopic arterialized liver transplantation in the mouse. <i>Journal of Surgical Research</i> , 2000 , 93, 97-100	2.5	13
128	MEMS-based handheld fourier domain Doppler optical coherence tomography for intraoperative microvascular anastomosis imaging. <i>PLoS ONE</i> , 2014 , 9, e114215	3.7	13
127	Identification of the activating cytotoxicity receptor NKG2D as a senescence marker in zero-hour kidney biopsies is indicative for clinical outcome. <i>Kidney International</i> , 2017 , 91, 1447-1463	9.9	12
126	The role of lipocalin-2 in liver regeneration. <i>Liver International</i> , 2015 , 35, 1195-202	7.9	12
125	Establishing cephalometric landmarks for the translational study of Le Fort-based facial transplantation in Swine: enhanced applications using computer-assisted surgery and custom cutting guides. <i>Plastic and Reconstructive Surgery</i> , 2014 , 133, 1138-1151	2.7	12
124	Preoperative Anemia and Postoperative Outcomes in Immediate Breast Reconstructive Surgery: A Critical Analysis of 10,958 Patients from the ACS-NSQIP Database. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2013 , 1, e30	1.2	12
123	Murine cervical heart transplantation model using a modified cuff technique. <i>Journal of Visualized Experiments</i> , 2014 , e50753	1.6	11
122	A novel laser-Doppler flowmetry assisted murine model of acute hindlimb ischemia-reperfusion for free flap research. <i>PLoS ONE</i> , 2013 , 8, e66498	3.7	11
121	Alemtuzumab in solid organ transplantation and in composite tissue allotransplantation. <i>Immunotherapy</i> , 2010 , 2, 783-90	3.8	11
120	Hemolytic uremic syndrome following Campath-1H induction. <i>Transplant International</i> , 2007 , 20, 386-9	3	11
119	Hyperspectral Imaging (HSI) of Human Kidney Allografts. <i>Annals of Surgery</i> , 2020 ,	7.8	11
118	Chimerism, Transplant Tolerance, and Beyond. <i>Transplantation</i> , 2019 , 103, 1556-1567	1.8	11
117	Emerging technologies in organ preservation, tissue engineering and regenerative medicine: a blessing or curse for transplantation?. <i>Transplant International</i> , 2019 , 32, 673-685	3	10
116	The suppression effect of dendritic cells maturation by adipose-derived stem cells through TGF- β related pathway. <i>Experimental Cell Research</i> , 2018 , 370, 708-717	4.2	10
115	Discussion: Lessons learned from simultaneous face and bilateral hand allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 433-434	2.7	10
114	Cytomegalovirus mismatch as major risk factor for delayed graft function after pancreas transplantation. <i>Transplantation</i> , 2010 , 90, 666-71	1.8	10
113	Orthotopic hind-limb transplantation in rats. <i>Journal of Visualized Experiments</i> , 2010 ,	1.6	10
112	Clinical Significance of Alloantibodies in Hand Transplantation: A Multicenter Study. <i>Transplantation</i> , 2019 , 103, 2173-2182	1.8	10

111	Comparison of three congruent patient-specific cell types for the modelling of a human genetic Schwann-cell disorder. <i>Nature Biomedical Engineering</i> , 2019 , 3, 571-582	19	9
110	Meeting Report of the 13th Congress of the International Society of Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2018 , 102, 1250-1252	1.8	9
109	Biomarker discovery in transplantation--proteomic adventure or mission impossible?. <i>Clinical Biochemistry</i> , 2013 , 46, 497-505	3.5	9
108	Proteomics--a blessing or a curse? Application of proteomics technology to transplant medicine. <i>Transplantation</i> , 2011 , 92, 499-509	1.8	9
107	Prosthetic Rehabilitation and Vascularized Composite Allotransplantation following Upper Limb Loss. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 1688-1701	2.7	9
106	Mechanisms of rejection in vascular composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2018 , 23, 28-33	2.5	9
105	Desensitization and Prevention of Antibody-Mediated Rejection in Vascularized Composite Allotransplantation by Syngeneic Hematopoietic Stem Cell Transplantation. <i>Transplantation</i> , 2018 , 102, 593-600	1.8	8
104	Orthotopic Hind Limb Transplantation in the Mouse. <i>Journal of Visualized Experiments</i> , 2016 , 53483	1.6	8
103	Ancillary procedures necessary for translational research in experimental craniomaxillofacial surgery. <i>Journal of Craniofacial Surgery</i> , 2014 , 25, 2043-50	1.2	8
102	Prevention of lethal murine pancreas ischemia reperfusion injury is specific for tetrahydrobiopterin. <i>Transplant International</i> , 2012 , 25, 1084-95	3	8
101	Composite tissue transplantation. <i>Methods in Molecular Biology</i> , 2013 , 1034, 103-15	1.4	8
100	Hand Transplantation in Its Fourteenth Year: The Innsbruck Experience. <i>Vascularized Composite Allotransplantation</i> , 2014 , 1, 11-21		8
99	Helping hands: caring for the upper extremity transplant patient. <i>Critical Care Nursing Clinics of North America</i> , 2011 , 23, 505-17	1.5	8
98	Induction of immunological tolerance to myelinogenic glial-restricted progenitor allografts. <i>Brain</i> , 2019 , 142, 3456-3472	11.2	7
97	Minimization of Immunosuppression and Tolerance Induction in Reconstructive Transplantation. <i>Current Surgery Reports</i> , 2013 , 1, 40-46	0.5	7
96	Targeting the Kv1.3 potassium channel for immunosuppression in vascularized composite allotransplantation - a pilot study. <i>Transplant International</i> , 2013 , 26, 552-61	3	7
95	Laparoscopically implanted gastric pacemaker after kidney-pancreas transplantation: treatment of morbid obesity and diabetic gastroparesis. <i>Obesity Surgery</i> , 2007 , 17, 100-3	3.7	7
94	Potential applications of global protein expression analysis (proteomics) in morbid obesity and bariatric surgery. <i>Obesity Surgery</i> , 2008 , 18, 905-10	3.7	7

93	Cutaneous collateral axonal sprouting re-innervates the skin component and restores sensation of denervated Swine osteomyocutaneous alloflaps. <i>PLoS ONE</i> , 2013 , 8, e77646	3.7	7
92	Trauma-induced Rejection in Vascularized Composite Allotransplantation. <i>Annals of Surgery</i> , 2020 , 271, e113-e114	7.8	7
91	Multiphase Assembly of Small Molecule Microcrystalline Peptide Hydrogel Allows Immunomodulatory Combination Therapy for Long-Term Heart Transplant Survival. <i>Small</i> , 2020 , 16, e2001791	11.7	7
90	A Skin Rejection Grading System for Vascularized Composite Allotransplantation in a Preclinical Large Animal Model. <i>Transplantation</i> , 2019 , 103, 1385-1391	1.8	7
89	Poly(εCaprolactone) Nanofiber Wrap Improves Nerve Regeneration and Functional Outcomes after Delayed Nerve Repair. <i>Plastic and Reconstructive Surgery</i> , 2019 , 144, 48e-57e	2.7	7
88	Type-I Interferons Inhibit Interleukin-10 Signaling and Favor Type 1 Diabetes Development in Nonobese Diabetic Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 1565	8.4	6
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