

Gerald Brandacher

List of Publications by Year in descending order

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Version: 2024-02-01

256
papers

8,878
citations

57752

44
h-index

58576

82
g-index

284
all docs

284
docs citations

284
times ranked

10315
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraoperative reperfusion assessment of human pancreas allografts using hyperspectral imaging (HSI). <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 67-77.	1.5	6
2	Hyperspectral Imaging (HSI) of Human Kidney Allografts. <i>Annals of Surgery</i> , 2022, 276, e48-e55.	4.2	23
3	Vascularized composite allotransplantation of the penis: current status and future perspectives. <i>International Journal of Impotence Research</i> , 2022, 34, 383-391.	1.8	5
4	VCA in the Era of the COVID-19 Pandemic. <i>Transplantation</i> , 2022, 106, 690-692.	1.0	2
5	Penile Transplantation: Lessons Learned and Technical Considerations. <i>Journal of Urology</i> , 2022, 207, 960-968.	0.4	3
6	Correlation of Different Serum Biomarkers with Prediction of Early Pancreatic Graft Dysfunction Following Simultaneous Pancreas and Kidney Transplantation. <i>Journal of Clinical Medicine</i> , 2022, 11, 2563.	2.4	1
7	Gluconate-Lactobionate-Dextran Perfusion Solutions Attenuate Ischemic Injury and Improve Function in a Murine Cardiac Transplant Model. <i>Cells</i> , 2022, 11, 1653.	4.1	1
8	Latissimus Dorsi Myocutaneous Flap Procedure in a Swine Model. <i>Journal of Investigative Surgery</i> , 2021, 34, 1289-1296.	1.3	3
9	The intragraft vascularized bone marrow component plays a critical role in tolerance induction after reconstructive transplantation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 363-373.	10.5	19
10	A Large-Scale Bank of Organ Donor Bone Marrow and Matched Mesenchymal Stem Cells for Promoting Immunomodulation and Transplant Tolerance. <i>Frontiers in Immunology</i> , 2021, 12, 622604.	4.8	6
11	A short course of tofacitinib sustains the immunoregulatory effect of CTLA4-Ig in the presence of inflammatory cytokines and promotes long-term survival of murine cardiac allografts. <i>American Journal of Transplantation</i> , 2021, 21, 2675-2687.	4.7	5
12	Noninvasive evaluation of intragraft immune responses in upper extremity transplantation. <i>Transplant International</i> , 2021, 34, 894-905.	1.6	2
13	Method, Material, and Machine: A Review for the Surgeon Using Three-Dimensional Printing for Accelerated Device Production. <i>Journal of the American College of Surgeons</i> , 2021, 232, 726-737e19.	0.5	7
14	Endothelial Stromal PD-L1 (Programmed Death Ligand 1) Modulates CD8 ⁺ T-Cell Infiltration After Heart Transplantation. <i>Circulation: Heart Failure</i> , 2021, 14, e007982.	3.9	17
15	Unraveling the Crucial Roles of FoxP3 ⁺ Regulatory T Cells in Vascularized Composite Allograft Tolerance Induction and Maintenance. <i>Transplantation</i> , 2021, 105, 1238-1249.	1.0	14
16	A systematic review of sutureless vascular anastomosis technologies. <i>Seminars in Vascular Surgery</i> , 2021, 34, 247-259.	2.8	4
17	The Efficacy of Schwann-Like Differentiated Muscle-Derived Stem Cells in Treating Rodent Upper Extremity Peripheral Nerve Injury. <i>Plastic and Reconstructive Surgery</i> , 2021, 148, 787-798.	1.4	1
18	The changing paradigm of ethics in uterus transplantation: a systematic review. <i>Transplant International</i> , 2020, 33, 260-269.	1.6	5

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19	The Baltimore Criteria for an ethical approach to penile transplantation: a clinical guideline. <i>Transplant International</i> , 2020, 33, 471-482.	1.6	21
20	Trauma-induced Rejection in Vascularized Composite Allotransplantation. <i>Annals of Surgery</i> , 2020, 271, e113-e114.	4.2	11
21	Long-term outcome after hand and forearm transplantation – a retrospective study. <i>Transplant International</i> , 2020, 33, 1762-1778.	1.6	12
22	Identification and characterization of a large source of primary mesenchymal stem cells tightly adhered to bone surfaces of human vertebral body marrow cavities. <i>Cytotherapy</i> , 2020, 22, 617-628.	0.7	9
23	Defining chronic rejection in vascularized composite allotransplantation – The American Society of Reconstructive Transplantation and International Society of Vascularized Composite Allotransplantation chronic rejection working group: 2018 American Society of Reconstructive Transplantation meeting report and white paper Research goals in defining chronic rejection in vascularized composite allotransplantation. <i>SAGE Open Medicine</i> , 2020, 8, 205031212094042.	1.8	14
24	Special Considerations for Secondary Surgery After Upper Extremity Transplantation. <i>Hand</i> , 2020, , 155894472096672.	1.2	1
25	Adipose-derived stromal cells modulating composite allotransplant survival is correlated with B cell regulation in a rodent hind-limb allotransplantation model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 478.	5.5	7
26	Psychosocial factors and medication adherence among recipients of vascularized composite allografts. <i>SAGE Open Medicine</i> , 2020, 8, 205031212094042.	1.8	4
27	Ischemia considerations for the development of an organ and tissue donor derived bone marrow bank. <i>Journal of Translational Medicine</i> , 2020, 18, 300.	4.4	6
28	Public education materials about Vascular Composite Allotransplantation and donation in the United States: Current scope and limitations. <i>Clinical Transplantation</i> , 2020, 34, e14066.	1.6	8
29	Multiphase Assembly of Small Molecule Microcrystalline Peptide Hydrogel Allows Immunomodulatory Combination Therapy for Long-term Heart Transplant Survival. <i>Small</i> , 2020, 16, e2002791.	10.0	15
30	Skin xenotransplantation: technological advances and future directions. <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 464-476.	1.6	5
31	A novel rat microsurgical model to study the immunological characteristics of male genital tissue in the context of penile transplantation. <i>Transplant International</i> , 2020, 33, 796-805.	1.6	2
32	Outcomes of simultaneous pancreas and kidney transplantation based on donor resuscitation. <i>American Journal of Transplantation</i> , 2020, 20, 1720-1728.	4.7	6
33	Donor cardiac arrest and cardiopulmonary resuscitation: impact on outcomes after simultaneous pancreas-kidney transplantation – a retrospective study. <i>Transplant International</i> , 2020, 33, 657-666.	1.6	5
34	Targeting Metabolism as a Platform for Inducing Allograft Tolerance in the Absence of Long-Term Immunosuppression. <i>Frontiers in Immunology</i> , 2020, 11, 572.	4.8	5
35	Efficacy of single-agent immunosuppressive regimens in a murine model of vascularized composite allotransplantation. <i>Transplant International</i> , 2020, 33, 948-957.	1.6	4
36	Vascularized composite allotransplantation combined with costimulation blockade induces mixed chimerism and reveals intrinsic tolerogenic potential. <i>JCI Insight</i> , 2020, 5, .	5.0	11

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37	Current and future regulatory and financial challenges in vascularized composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 615-619.	1.6	1
38	Evolving ethics, policy and reimbursement issues of vascularized composite allotransplantation: Symposium summary. <i>SAGE Open Medicine</i> , 2019, 7, 205031211986694.	1.8	7
39	Total Penis, Scrotum, and Lower Abdominal Wall Transplantation. <i>New England Journal of Medicine</i> , 2019, 381, 1876-1878.	27.0	31
40	Induction of immunological tolerance to myelinogenic glial-restricted progenitor allografts. <i>Brain</i> , 2019, 142, 3456-3472.	7.6	15
41	Sodium Sulfite Exacerbates Allograft Vasculopathy and Affects Tryptophan Breakdown in Murine Heterotopic Aortic Transplantation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	3
42	Glial Cell Line-Derived Neurotrophic Factor and Chondroitinase Promote Axonal Regeneration in a Chronic Denervation Animal Model. <i>Neurotherapeutics</i> , 2019, 16, 1283-1295.	4.4	6
43	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.	22.5	18
44	Emerging technologies in organ preservation, tissue engineering and regenerative medicine: a blessing or curse for transplantation?. <i>Transplant International</i> , 2019, 32, 673-685.	1.6	22
45	Macroporous nanofiber wraps promote axonal regeneration and functional recovery in nerve repair by limiting fibrosis. <i>Acta Biomaterialia</i> , 2019, 88, 332-345.	8.3	38
46	Growth Hormone Improves Nerve Regeneration, Muscle Re-innervation, and Functional Outcomes After Chronic Denervation Injury. <i>Scientific Reports</i> , 2019, 9, 3117.	3.3	36
47	Clinical Significance of Alloantibodies in Hand Transplantation: A Multicenter Study. <i>Transplantation</i> , 2019, 103, 2173-2182.	1.0	12
48	A Skin Rejection Grading System for Vascularized Composite Allotransplantation in a Preclinical Large Animal Model. <i>Transplantation</i> , 2019, 103, 1385-1391.	1.0	15
49	Characterization of Clinical and Histological Rejection of Male Genital Tissues Using a Novel Microsurgical Rat Penile Transplantation Model. <i>Transplantation</i> , 2019, 103, 2245-2254.	1.0	3
50	Autoimmune Hepatitis—Immunologically Triggered Liver Pathogenesis—Diagnostic and Therapeutic Strategies. <i>Journal of Immunology Research</i> , 2019, 2019, 1-19.	2.2	74
51	Poly(μ -Caprolactone) Nanofiber Wrap Improves Nerve Regeneration and Functional Outcomes after Delayed Nerve Repair. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 48e-57e.	1.4	12
52	Chimerism, Transplant Tolerance, and Beyond. <i>Transplantation</i> , 2019, 103, 1556-1567.	1.0	20
53	The Urogenital Epithelium and Corporal Tissues Are the Primary Targets of Rejection in Penile Vascularized Composite Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 534e-544e.	1.4	2
54	Prosthetic Rehabilitation and Vascularized Composite Allotransplantation following Upper Limb Loss. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 1688-1701.	1.4	16

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55	Evolving ethics, policy and reimbursement issues of vascularized composite allotransplantation: Symposium summary. <i>SAGE Open Medicine</i> , 2019, 7, 2050312119866944.	1.8	0
56	Meeting Report of the 13th Congress of the International Society of Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2018, 102, 1250-1252.	1.0	10
57	Desensitization and Prevention of Antibody-Mediated Rejection in Vascularized Composite Allotransplantation by Syngeneic Hematopoietic Stem Cell Transplantation. <i>Transplantation</i> , 2018, 102, 593-600.	1.0	10
58	The Ethics of Hand Transplantation: A Systematic Review. <i>Journal of Hand Surgery</i> , 2018, 43, 84.e1-84.e15.	1.6	22
59	Mechanisms of rejection in vascular composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 28-33.	1.6	17
60	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.	1.6	26
61	Muscle-derived stem cells: important players in peripheral nerve repair. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 1009-1016.	3.4	8
62	Vascularized composite allotransplantation: a field is maturing. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 559-560.	1.6	12
63	From Auto- to Allotransplantation: Immunomodulatory Protocol for Hand and Arm Transplantation. <i>Journal of Reconstructive Microsurgery</i> , 2018, 34, 683-684.	1.8	6
64	The suppression effect of dendritic cells maturation by adipose-derived stem cells through TGF- β 1 related pathway. <i>Experimental Cell Research</i> , 2018, 370, 708-717.	2.6	16
65	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.	4.8	13
66	Targeted delivery of immune therapeutics to lymph nodes prolongs cardiac allograft survival. <i>Journal of Clinical Investigation</i> , 2018, 128, 4770-4786.	8.2	59
67	Penile transplantation: an emerging option for genitourinary reconstruction. <i>Transplant International</i> , 2017, 30, 441-450.	1.6	35
68	The promise of organ and tissue preservation to transform medicine. <i>Nature Biotechnology</i> , 2017, 35, 530-542.	17.5	371
69	Outcomes after hand and upper extremity transplantation. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 72.	3.6	86
70	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.	5.2	21
71	Penile Allotransplantation for Complex Genitourinary Reconstruction. <i>Journal of Urology</i> , 2017, 198, 274-280.	0.4	24
72	Blood product utilization in human upper extremity transplantation: challenges, complications, considerations, and transfusion protocol conception. <i>Transfusion</i> , 2017, 57, 606-612.	1.6	3

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73	Nasal Unit Transplantation: A Cadaveric Anatomical Feasibility Study. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, 244-251.	1.8	4
74	Murine Full-thickness Skin Transplantation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	21
75	<i>N</i> -(Pivaloyloxy)alkoxy-carbonyl Prodrugs of the Glutamine Antagonist 6-Diazo-5-oxo- <i>L</i> -norleucine (DON) as a Potential Treatment for HIV Associated Neurocognitive Disorders. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7186-7198.	6.4	56
76	Erosive Rheumatoid Arthritis After Bilateral Hand Transplantation. <i>Annals of Internal Medicine</i> , 2017, 167, 216.	3.9	3
77	Ex Vivo Model of Human Penile Transplantation and Rejection: Implications for Erectile Tissue Physiology. <i>European Urology</i> , 2017, 71, 584-593.	1.9	21
78	Split Tolerance in a Murine Model of Heterotopic En Bloc Chest Wall Transplantation. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1595.	0.6	5
79	Mouse Model for Pancreas Transplantation Using a Modified Cuff Technique. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
80	Vascular Endothelial Growth Factor Induction of Muscle-Derived Stem Cells Enhances Vascular Phenotype While Preserving Myogenic Potential. <i>Annals of Plastic Surgery</i> , 2017, 79, 404-409.	0.9	7
81	An immunocompetent mouse model of human glioblastoma. <i>Oncotarget</i> , 2017, 8, 61072-61082.	1.8	30
82	New Strategies in Composite Tissue Allotransplantation. , 2017, , 215-234.		0
83	Combining Theoretical and Experimental Techniques to Study Murine Heart Transplant Rejection. <i>Frontiers in Immunology</i> , 2016, 7, 448.	4.8	2
84	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.	1.4	55
85	Reply: Reconstruction of Large Abdominal Wall Defects Using Neurotized Vascular Composite Allografts. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 159e-161e.	1.4	1
86	Combined Anti-CD154/CTLA4Ig Costimulation Blockade-Based Therapy Induces Donor-Specific Tolerance to Vascularized Osteomyocutaneous Allografts. <i>American Journal of Transplantation</i> , 2016, 16, 2030-2041.	4.7	28
87	Therapeutic augmentation of the growth hormone axis to improve outcomes following peripheral nerve injury. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1259-1265.	3.4	25
88	Surgical residency in the United States—a personal European perspective. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2016, 48, 149-154.	0.7	0
89	Impaired Endothelial Nitric Oxide Synthase Homodimer Formation Triggers Development of Transplant Vasculopathy - Insights from a Murine Aortic Transplantation Model. <i>Scientific Reports</i> , 2016, 6, 37917.	3.3	8
90	Mesenchymal Stem Cells Enhance Nerve Regeneration in a Rat Sciatic Nerve Repair and Hindlimb Transplant Model. <i>Scientific Reports</i> , 2016, 6, 31306.	3.3	77

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91	A Novel Microsurgical Model for Heterotopic, En Bloc Chest Wall, Thymus, and Heart Transplantation in Mice. <i>Journal of Visualized Experiments</i> , 2016, , e53442.	0.3	4
92	Orthotopic Hind Limb Transplantation in the Mouse. <i>Journal of Visualized Experiments</i> , 2016, , 53483.	0.3	13
93	Ischemia/reperfusion injury in vascularized tissue allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2016, 21, 503-509.	1.6	35
94	A multiphase transitioning peptide hydrogel for suturing ultrasmall vessels. <i>Nature Nanotechnology</i> , 2016, 11, 95-102.	31.5	140
95	Defining Rejection in Vascularized Composite Allotransplantation: More than Just Arguing Semantics. <i>Vascularized Composite Allotransplantation</i> , 2015, 2, 65-70.	0.5	2
96	Reconstruction of Large Abdominal Wall Defects Using Neurotized Vascular Composite Allografts. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 728-737.	1.4	18
97	Hand and Upper Extremity Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 351e-360e.	1.4	196
98	A Novel Method for the Repair of Critically Sized Bone Defects. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 36.	1.4	5
99	Reconstructive Transplantation for Penile Restoration. <i>Vascularized Composite Allotransplantation</i> , 2015, 2, 61-64.	0.5	1
100	Cardiac Arrest Disrupts Caspase-1 and Patterns of Inflammatory Mediators Differently in Skin and Muscle Following Localized Tissue Injury in Rats: Insights from Data-Driven Modeling. <i>Frontiers in Immunology</i> , 2015, 6, 587.	4.8	6
101	The Use of Luminex Assays to Measure Cytokines. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1-5.	0.7	24
102	Lower Extremity Allotransplantation: Are We Ready for Prime Time?. <i>Vascularized Composite Allotransplantation</i> , 2015, 2, 37-46.	0.5	5
103	Functional Abdominal Wall Reconstruction Using an Innervated Abdominal Wall Vascularized Composite Tissue Allograft: A Cadaveric Study and Review of the Literature. <i>Journal of Reconstructive Microsurgery</i> , 2015, 31, 039-044.	1.8	6
104	Rapamycin and CTLA4Ig Synergize to Induce Stable Mixed Chimerism Without the Need for CD40 Blockade. <i>American Journal of Transplantation</i> , 2015, 15, 1568-1579.	4.7	27
105	Evaluation of Microvascular Anastomosis Using Real-Time, Ultra-High-Resolution, Fourier Domain Doppler Optical Coherence Tomography. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 711e-720e.	1.4	8
106	Preventing Allograft Rejection by Targeting Immune Metabolism. <i>Cell Reports</i> , 2015, 13, 760-770.	6.4	156
107	The role of lipocalin in liver regeneration. <i>Liver International</i> , 2015, 35, 1195-1202.	3.9	14
108	Exploring cell-based tolerance strategies for hand and face transplantation. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 1189-1204.	3.0	22

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109	Stem Cell-Based Approaches to Improve Nerve Regeneration: Potential Implications for Reconstructive Transplantation?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 15-30.	2.3	18
110	Reconstructive Transplantation: From Scientific Dream to Clinical Reality. <i>Pancreatic Islet Biology</i> , 2015, , 3-11.	0.3	1
111	Limb Transplantation. , 2015, , 537-543.		0
112	Insights from Computational Modeling in Inflammation and Acute Rejection in Limb Transplantation. <i>PLoS ONE</i> , 2014, 9, e99926.	2.5	22
113	Crucial Role for Neuronal Nitric Oxide Synthase in Early Microcirculatory Derangement and Recipient Survival following Murine Pancreas Transplantation. <i>PLoS ONE</i> , 2014, 9, e112570.	2.5	6
114	OCT-aided anastomosis platform study in the rodent model. , 2014, , .		0
115	Hand Transplantation in Its Fourteenth Year: The Innsbruck Experience. <i>Vascularized Composite Allotransplantation</i> , 2014, 1, 11-21.	0.5	11
116	Microvascular anastomosis in rodent model evaluated by Fourier domain Doppler optical coherence tomography. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
117	Surgical and Logistical Aspects of Donor Limb Procurement in Hand and Upper Extremity Transplantation. <i>Vascularized Composite Allotransplantation</i> , 2014, 1, 31-41.	0.5	8
118	Diagnosing skin rejection in vascularized composite allotransplantation: advances and challenges. <i>Clinical Transplantation</i> , 2014, 28, 277-285.	1.6	29
119	An overview of psychosocial assessment procedures in reconstructive hand transplantation. <i>Transplant International</i> , 2014, 27, 417-427.	1.6	34
120	Lymphoid neogenesis in skin of human hand, nonhuman primate, and rat vascularized composite allografts. <i>Transplant International</i> , 2014, 27, 966-976.	1.6	27
121	Characterization, Prophylaxis, and Treatment of Infectious Complications in Craniomaxillofacial and Upper Extremity Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 543e-551e.	1.4	31
122	Establishing Cephalometric Landmarks for the Translational Study of Le Fortâ€“Based Facial Transplantation in Swine. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 1138-1151.	1.4	14
123	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, 713-720.	1.0	29
124	The Misuse of the Terminology â€œStandard of Careâ€“ Hampers Innovations in Surgery. <i>Annals of Surgery</i> , 2014, 260, 973-974.	4.2	6
125	Proteomics in Transplantation. <i>Advances in Clinical Chemistry</i> , 2014, 67, 215-244.	3.7	2
126	A p38MAPK/MK2 signaling pathway leading to redox stress, cell death and ischemia/reperfusion injury. <i>Cell Communication and Signaling</i> , 2014, 12, 6.	6.5	77

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127	Facial transplantation: the first 9 years. <i>Lancet, The</i> , 2014, 384, 2153-2163.	13.7	227
128	Injectable bioadhesive hydrogels with innate antibacterial properties. <i>Nature Communications</i> , 2014, 5, 4095.	12.8	276
129	Antibody-mediated rejection in hand transplantation. <i>Transplant International</i> , 2014, 27, e13-e17.	1.6	57
130	Taming inflammation by targeting cytokine signaling: new perspectives in the induction of transplantation tolerance. <i>Immunotherapy</i> , 2014, 6, 637-653.	2.0	8
131	Donor age negatively affects the immunoregulatory properties of both adipose and bone marrow derived mesenchymal stem cells. <i>Transplant Immunology</i> , 2014, 30, 122-127.	1.2	81
132	Murine Cervical Heart Transplantation Model Using a Modified Cuff Technique. <i>Journal of Visualized Experiments</i> , 2014, , e50753.	0.3	15
133	The Neck as a Preferred Recipient Site for Vascularized Composite Allotransplantation in the Mouse. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 133e-141e.	1.4	17
134	Using the Dorsal, Cavernosal, and External Pudendal Arteries for Penile Transplantation. <i>Plastic and Reconstructive Surgery</i> , 2014, 134, 111e-119e.	1.4	41
135	Ancillary Procedures Necessary for Translational Research in Experimental Craniomaxillofacial Surgery. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 2043-2050.	0.7	8
136	Discussion of Lessons Learned From the First Quadruple Extremity Transplantation in the World. <i>Annals of Plastic Surgery</i> , 2014, 73, 343-345.	0.9	8
137	Preliminary Development of a Workstation for Craniomaxillofacial Surgical Procedures. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 273-283.	0.7	31
138	Case series on defense mechanisms in patients for reconstructive hand transplantation: Consideration on transplant defense concept. <i>Annals of Transplantation</i> , 2014, 19, 233-240.	0.9	4
139	MEMS-Based Handheld Fourier Domain Doppler Optical Coherence Tomography for Intraoperative Microvascular Anastomosis Imaging. <i>PLoS ONE</i> , 2014, 9, e114215.	2.5	18
140	Composite Tissue Transplantation. <i>Methods in Molecular Biology</i> , 2013, 1034, 103-115.	0.9	8
141	Minimization of Immunosuppression and Tolerance Induction in Reconstructive Transplantation. <i>Current Surgery Reports</i> , 2013, 1, 40-46.	0.9	13
142	Targeting the Kv1.3 potassium channel for immunosuppression in vascularized composite allotransplantation - a pilot study. <i>Transplant International</i> , 2013, 26, 552-561.	1.6	9
143	Microvascular anastomosis guidance and evaluation using real-time three-dimensional Fourier-domain Doppler optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 1.	2.6	23
144	Impact of donor-specific antibodies in reconstructive transplantation. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 835-844.	3.0	16

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145	Biomarker discovery in transplantationâ€”proteomic adventure or mission impossible?. <i>Clinical Biochemistry</i> , 2013, 46, 497-505.	1.9	13
146	Real-time 3D Fourier-domain optical coherence tomography guided microvascular anastomosis. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
147	Tetrahydrobiopterin attenuates ischemia-reperfusion injury following organ transplantation by targeting the nitric oxide synthase: investigations in an animal model. <i>Pteridines</i> , 2013, 24, 13-19.	0.5	0
148	Antiviral activity of interferon-Î³ involved in impaired immune function in infectious diseases. <i>Pteridines</i> , 2013, 24, 149-164.	0.5	4
149	Tetrahydrobiopterin compounds modulate intracellular signaling and reactive oxygen species levels in an in vitro model of ischemia-reperfusion injury. <i>Pteridines</i> , 2013, 24, 225-235.	0.5	0
150	Immunomodulatory Effects of Adipose-Derived Stem Cells: Fact or Fiction?. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	89
151	Nitric oxideâ€”mediated regulation of ferroportin-1 controls macrophage iron homeostasis and immune function in <i>Salmonella</i> infection. <i>Journal of Experimental Medicine</i> , 2013, 210, 855-873.	8.5	174
152	Vascularized composite allotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2013, Publish Ahead of Print, 631-2.	1.6	4
153	Immunosuppression and Monitoring of Rejection in Hand Transplantation. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2013, 17, 208-214.	0.6	28
154	Trends in immunosuppression after pancreas transplantation. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 76-82.	1.6	19
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