Simon C Barry

List of Publications by Year
in descending order

74 papers	6,257 citations	201575 27 h-index	88593 70 g-index
79 all docs	79 docs citations	79 times ranked	11286 citing authors

#	Article	IF	Citations
1	Long-term perturbation of the peripheral immune system months after SARS-CoV-2 infection. BMC Medicine, 2022, 20, 26.	2.3	152
2	Women with type 1 diabetes exhibit a progressive increase in gut Saccharomyces cerevisiae in pregnancy associated with evidence of gut inflammation. Diabetes Research and Clinical Practice, 2022, 184, 109189.	1.1	6
3	Injectable Dielsâ€“Alder cycloaddition hydrogels with tuneable gelation, stiffness and degradation for the sustained release of T-lymphocytes. Journal of Materials Chemistry B, 2022, 10, 3329-3343.	2.9	10
4	Concurrent vaccination of kidney transplant recipients and close household cohabitants against COVID-19. Kidney International, 2022, 101, 1077-1080.	2.6	9
5	Inertial Microfluidic Purification of CARâ€Tâ€Cell Products. Advanced Biology, 2022, 6, 2101018.	1.4	2
6	Abstract 5184: Real-time cytotoxicity assays as a pre-clinical screening tool for LGR5-targeting CAR-T cells for treatment of solid tumors. Cancer Research, 2022, 82, 5184-5184.	0.4	1
7	3DFAACTS-SNP: using regulatory T cell-specific epigenomics data to uncover candidate mechanisms of type 1 diabetes (T1D) risk. Epigenetics and Chromatin, 2022, 15, .	1.8	2
8	Associations between diet, the gut microbiome and short chain fatty acids in youth with islet autoimmunity and type 1 diabetes. Pediatric Diabetes, 2021, 22, 425-433.	1.2	5
9	Cord Blood T Cells Expressing High and Low PKCÎ¶ Levels Develop into Cells with a Propensity to Display Th1 and Th9 Cytokine Profiles, Respectively. International Journal of Molecular Sciences, 2021, 22, 4907.	1.8	6
10	Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVIDâ€19 pandemic. Diabetic Medicine, 2021, 38, e14638.	1.2	2
11	Type 1 diabetes in pregnancy is associated with distinct changes in the composition and function of the gut microbiome. Microbiome, 2021, 9, 167.	4.9	23
12	Optimization of Blood Handling and Peripheral Blood Mononuclear Cell Cryopreservation of Low Cell Number Samples. International Journal of Molecular Sciences, 2021, 22, 9129.	1.8	9
13	Characterization of the Transient Deficiency of PKC Isozyme Levels in Immature Cord Blood T Cells and Its Connection to Anti-Allergic Cytokine Profiles of the Matured Cells. International Journal of Molecular Sciences, 2021, 22, 12650.	1.8	8
14	Higher frequency of vertebrateâ€infecting viruses in the gut of infants born to mothers with type 1 diabetes. Pediatric Diabetes, 2020, 21, 271-279.	1.2	10
15	Epithelial Ovarian Cancer and the Immune System: Biology, Interactions, Challenges and Potential Advances for Immunotherapy. Journal of Clinical Medicine, 2020, 9, 2967.	1.0	23
16	Foxp3 heterozygosity does not overtly affect mammary gland development during puberty or the oestrous cycle in mice. Reproduction, Fertility and Development, 2020, 32, 774.	0.1	0
17	Thermoresponsive Poly(Îµ-Caprolactone)-Poly(Ethylene/Propylene Glycol) Copolymers as Injectable Hydrogels for Cell Therapies. Polymers, 2020, 12, 367.	2.0	21
18	Encapsulation of Human Natural and Induced Regulatory Tâ€Cells in ILâ€2 and CCL1 Supplemented Alginateâ€GelMA Hydrogel for 3D Bioprinting. Advanced Functional Materials, 2020, 30, 2000544.	7.8	31

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19	MicroRNA miR-155 is required for expansion of regulatory T cells to mediate robust pregnancy tolerance in mice. Mucosal Immunology, 2020, 13, 609-625.	2.7	28
20	Changes in pancreatic exocrine function in young atâ€risk children followed to islet autoimmunity and type 1 diabetes in the <scp>ENDIA</scp> study. Pediatric Diabetes, 2020, 21, 945-949.	1.2	9
21	Thymus-Derived Regulatory T Cells Exhibit Foxp3 Epigenetic Modification and Phenotype Attenuation after Mating in Mice. Journal of Immunology, 2019, 203, 647-657.	0.4	26
22	Validation of monoclonal anti-PKC isozyme antibodies for flow cytometry analyses in human T cell subsets and expression in cord blood T cells. Scientific Reports, 2019, 9, 9263.	1.6	6
23	Peptidase inhibitor 16 identifies a human regulatory Tâ€cell subset with reduced FOXP3 expression over the first year of recent onset type 1 diabetes. European Journal of Immunology, 2019, 49, 1235-1250.	1.6	26
24	Gut microbiome dysbiosis and increased intestinal permeability in children with islet autoimmunity and type 1 diabetes: A prospective cohort study. Pediatric Diabetes, 2019, 20, 574-583.	1.2	86
25	Enzymatic Activity of HPGD in Treg Cells Suppresses Tconv Cells to Maintain Adipose Tissue Homeostasis and Prevent Metabolic Dysfunction. Immunity, 2019, 50, 1232-1248.e14.	6.6	63
26	Therapeutic Potential of Regulatory T Cells in Preeclampsiaâ€"Opportunities and Challenges. Frontiers in Immunology, 2019, 10, 478.	2.2	54
27	Distinct Gut Virome Profile of Pregnant Women With Type 1 Diabetes in the ENDIA Study. Open Forum Infectious Diseases, 2019, 6, ofz025.	0.4	32
28	Unravelling the molecular basis for regulatory Tâ€cell plasticity and loss of function in disease. Clinical and Translational Immunology, 2018, 7, e1011.	1.7	23
29	Influence of fecal collection conditions and 16S rRNA gene sequencing at two centers on human gut microbiota analysis. Scientific Reports, 2018, 8, 4386.	1.6	46
30	Characterization of 3D-Printed Human Regulatory T-Cells. Transplantation, 2018, 102, S109.	0.5	0
31	FOXP3 and miR-155 cooperate to control the invasive potential of human breast cancer cells by down regulating ZEB2 independently of ZEB1. Oncotarget, 2018, 9, 27708-27727.	0.8	20
32	Incorrect dosage of IQSEC2, a known intellectual disability and epilepsy gene, disrupts dendritic spine morphogenesis. Translational Psychiatry, 2017, 7, e1110-e1110.	2.4	27
33	MicroRNA regulation of immune events at conception. Molecular Reproduction and Development, 2017, 84, 914-925.	1.0	23
34	3D printed lattices as an activation and expansion platform for T cell therapy. Biomaterials, 2017, 140, 58-68.	5.7	32
35	Ectodermal-Neural Cortex 1 Isoforms Have Contrasting Effects on MC3T3-E1 Osteoblast Mineralization and Gene Expression. Journal of Cellular Biochemistry, 2017, 118, 2141-2150.	1.2	5
36	Challenges and opportunities in the manufacture and expansion of cells for therapy. Expert Opinion on Biological Therapy, 2017, 17, 1221-1233.	1.4	13

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37	Single Cell Level Quantification of Nanoparticleâ€“Cell Interactions Using Mass Cytometry. Analytical Chemistry, 2017, 89, 8228-8232.	3.2	30
38	Type 1 diabetes: a disease of developmental origins. Pediatric Diabetes, 2017, 18, 417-421.	1.2	12
39	Dissecting the Biology of Menstrual Cycle-Associated Breast Cancer Risk. Frontiers in Oncology, 2016, 6, 267.	1.3	37
40	Does Gastrostomy Placement With Concurrent Fundoplication Increase the Risk of Gastrostomyâ€related Complications?. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, 29-33.	0.9	6
41	HCFC1 loss-of-function mutations disrupt neuronal and neural progenitor cells of the developing brain. Human Molecular Genetics, 2015, 24, 3335-3347.	1.4	47
42	Unstable Foxp3+ Regulatory T Cells and Altered Dendritic Cells Are Associated with Lipopolysaccharide-Induced Fetal Loss in Pregnant Interleukin 10-Deficient Mice1. Biology of Reproduction, 2015, 93, 95.	1.2	28
43	Environmental determinants of islet autoimmunity (ENDIA): a pregnancy to early life cohort study in children at-risk of type 1 diabetes. BMC Pediatrics, 2013, 13, 124.	0.7	59
44	The UPF3B gene, implicated in intellectual disability, autism, ADHD and childhood onset schizophrenia regulates neural progenitor cell behaviour and neuronal outgrowth. Human Molecular Genetics, 2013, 22, 4673-4687.	1.4	101
45	Comparison of Blood and Synovial Fluid Th17 and Novel Peptidase Inhibitor 16 Treg Cell Subsets in Juvenile Idiopathic Arthritis. Journal of Rheumatology, 2012, 39, 2021-2031.	1.0	9
46	Inhibition of activation induced CD154 on CD4 + CD25 â˜’ cells: a valid surrogate for human Treg suppressor function. Immunology and Cell Biology, 2012, 90, 812-821.	1.0	12
47	FOXP3 and FOXP3-regulated microRNAs suppress SATB1 in breast cancer cells. Oncogene, 2012, 31, 1045-1054.	2.6	85
48	PI16 is expressed by a subset of human memory Treg with enhanced migration to CCL17 and CCL20. Cellular Immunology, 2012, 275, 12-18.	1.4	24
49	Cells, cytokines and inflammatory bowel disease: a clinical perspective. Expert Review of Gastroenterology and Hepatology, 2011, 5, 703-716.	1.4	96
50	Repression of the genome organizer SATB1 in regulatory T cells is required for suppressive function and inhibition of effector differentiation. Nature Immunology, 2011, 12, 898-907.	7.0	179
51	A High-Throughput Platform for Lentiviral Overexpression Screening of the Human ORFeome. PLoS ONE, 2011, 6, e20057.	1.1	43
52	Foxp3+ Regulatory T Cells, Th17 Effector Cells, and Cytokine Environment in Inflammatory Bowel Disease. Journal of Clinical Immunology, 2010, 30, 80-89.	2.0	322
53	Genome-Wide Identification of Human FOXP3 Target Genes in Natural Regulatory T Cells. Journal of Immunology, 2010, 185, 1071-1081.	0.4	128
54	Robust, Reversible Gene Knockdown Using a Single Lentiviral Short Hairpin RNA Vector. Human Gene Therapy, 2010, 21, 1005-1017.	1.4	32

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55	Development of CD4+CD25+FoxP3+ regulatory T cells from cord blood hematopoietic progenitor cells. Journal of Leukocyte Biology, 2009, 85, 445-451.	1.5	24
56	Analysis of FOXP3+ Regulatory T Cells That Display Apparent Viral Antigen Specificity during Chronic Hepatitis C Virus Infection. PLoS Pathogens, 2009, 5, e1000707.	2.1	31
57	The miR-200 family and miR-205 regulate epithelial to mesenchymal transition by targeting ZEB1 and SIP1. Nature Cell Biology, 2008, 10, 593-601.	4.6	3,455
58	Correction for Drabsch et al. , Mechanism of and requirement for estrogen-regulated MYB expression in estrogen-receptor-positive breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 825-825.	3.3	0
59	Mechanism of and requirement for estrogen-regulated MYB expression in estrogen-receptor-positive breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13762-13767.	3.3	114
60	Retroviral escape by Friendly infected DCs. Blood, 2007, 110, 3819-3820.	0.6	0
61	G-CSF-lentivirus administration in rats provided sustained elevated neutrophil counts and subsequent EPO-lentivirus administration increased hematocrits. Journal of Gene Medicine, 2007, 9, 571-578.	1.4	4
62	Isolation, propagation and characterization of cord blood derived CD4+ CD25+ regulatory T cells. Journal of Immunological Methods, 2007, 327, 53-62.	0.6	26
63	Sustained elevation of neutrophils in rats induced by lentivirus-mediated G-CSF delivery. Journal of Gene Medicine, 2005, 7, 1510-1516.	1.4	3
64	Long-Term Erythropoietin Gene Expression from Transduced Cells in Bioisolator Devices. Human Gene Therapy, 2003, 14, 1587-1593.	1.4	17
65	Treatment of canine cyclic neutropenia by lentivirus-mediated G-CSF delivery. Blood, 2003, 102, 2046-2052.	0.6	15
66	PEPTIDE INSERTIONS IN DOMAIN 4 OF hÎ²c, THE SHARED SIGNALLING RECEPTOR SUBUNIT FOR GM-CSF, IL3 AND IL5, INDUCE LIGAND-INDEPENDENT ACTIVATION. Cytokine, 2001, 14, 303-315.	1.4	2
67	Lentivirus administration to rat muscle provides efficient sustained expression of erythropoietin. Blood, 2001, 98, 594-596.	0.6	62
68	Lentivirus Vectors Encoding Both Central Polypurine Tract and Posttranscriptional Regulatory Element Provide Enhanced Transduction and Transgene Expression. Human Gene Therapy, 2001, 12, 1103-1108.	1.4	130
69	Glucose-Regulated Insulin Expression in Diabetic Rats. Human Gene Therapy, 2001, 12, 131-139.	1.4	26
70	Apical Gene Transfer into Quiescent Human and Canine Polarized Intestinal Epithelial Cells by Lentivirus Vectors. Journal of Virology, 2000, 74, 7642-7645.	1.5	39
71	Brief Report: Retroviral Preparations Derived from PA317 Packaging Cells Contain Inhibitors That Copurify with Viral Particles and Are Devoid of Viral Vector RNA. Human Gene Therapy, 2000, 11, 771-775.	1.4	14
72	Lentiviral and Murine Retroviral Transduction of T Cells for Expression of Human CD40 Ligand. Human Gene Therapy, 2000, 11, 323-332.	1.4	22

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73	A human interleukin 3 analog with increased biological and binding activities.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 11842-11846.	3.3	47
74	Analysis of interleukin 5 receptors on murine eosinophils: A comparison with receptors on B13 cells. Cytokine, 1991, 3, 339-344.	1.4	9