

Steven H Sacks

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,713
citations

185998

28
h-index

214527

47
g-index

51
all docs

51
docs citations

51
times ranked

3068
citing authors

#	ARTICLE	IF	CITATIONS
1	Local synthesis of complement component C3 regulates acute renal transplant rejection. <i>Nature Medicine</i> , 2002, 8, 582-587.	15.2	474
2	The role of complement in the early immune response to transplantation. <i>Nature Reviews Immunology</i> , 2012, 12, 431-442.	10.6	181
3	Local extravascular pool of C3 is a determinant of postischemic acute renal failure. <i>FASEB Journal</i> , 2006, 20, 217-226.	0.2	180
4	Targeting of mannan-binding lectin-associated serine protease-2 confers protection from myocardial and gastrointestinal ischemia/reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7523-7528.	3.3	174
5	Collectin-11 detects stress-induced L-fucose pattern to trigger renal epithelial injury. <i>Journal of Clinical Investigation</i> , 2016, 126, 1911-1925.	3.9	118
6	Rationale for targeting complement in COVID-19. <i>EMBO Molecular Medicine</i> , 2020, 12, e12642.	3.3	101
7	Nontransgenic Hyperexpression of a Complement Regulator in Donor Kidney Modulates Transplant Ischemia/Reperfusion Damage, Acute Rejection, and Chronic Nephropathy. <i>American Journal of Pathology</i> , 2003, 163, 1457-1465.	1.9	87
8	Epithelial secretion of C3 promotes colonization of the upper urinary tract by <i>Escherichia coli</i> . <i>Nature Medicine</i> , 2001, 7, 801-806.	15.2	83
9	Mannan-binding lectin-associated serine protease 2 is critical for the development of renal ischemia reperfusion injury and mediates tissue injury in the absence of complement C4. <i>FASEB Journal</i> , 2014, 28, 3996-4003.	0.2	75
10	Role of the complement system in rejection. <i>Current Opinion in Immunology</i> , 2003, 15, 487-492.	2.4	73
11	A double-blind randomised controlled investigation into the efficacy of Mirococept (APT070) for preventing ischaemia reperfusion injury in the kidney allograft (EMPIRIKAL): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 255.	0.7	67
12	Complement fragments C3a and C5a: The salt and pepper of the immune response. <i>European Journal of Immunology</i> , 2010, 40, 668-670.	1.6	66
13	Complement C5a inhibition moderates lipid metabolism and reduces tubulointerstitial fibrosis in diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1323-1332.	0.4	62
14	The complement factor 5a receptor 1 has a pathogenic role in chronic inflammation and renal fibrosis in a murine model of chronic pyelonephritis. <i>Kidney International</i> , 2016, 90, 540-554.	2.6	57
15	Expression and tissue localization of donor-specific complement C3 synthesized in human renal allografts. <i>European Journal of Immunology</i> , 1995, 25, 1087-1093.	1.6	55
16	CD46 (Membrane Cofactor Protein) Acts as a Human Epithelial Cell Receptor for Internalization of Opsonized Uropathogenic <i>Escherichia coli</i> . <i>Journal of Immunology</i> , 2006, 177, 2543-2551.	0.4	54
17	Interferon- β regulation of C4 gene expression in cultured human glomerular epithelial cells. <i>European Journal of Immunology</i> , 1993, 23, 2477-2481.	1.6	50
18	Complement Recognition Pathways in Renal Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2571-2578.	3.0	49

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19	Complement activation is a crucial driver of acute kidney injury in rhabdomyolysis. <i>Kidney International</i> , 2021, 99, 581-597.	2.6	48
20	Long- and short-term outcomes in renal allografts with deceased donors: A large recipient and donor genome-wide association study. <i>American Journal of Transplantation</i> , 2018, 18, 1370-1379.	2.6	47
21	Structural and functional diversity of collectins and ficolins and their relationship to disease. <i>Seminars in Immunopathology</i> , 2018, 40, 75-85.	2.8	44
22	Lectin pathway effector enzyme mannan-binding lectin-associated serine protease-2 can activate native complement C3 in absence of C4 and/or C2. <i>FASEB Journal</i> , 2017, 31, 2210-2219.	0.2	43
23	Collectin-11 Promotes the Development of Renal Tubulointerstitial Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 168-181.	3.0	41
24	The C5a/C5aR1 axis promotes progression of renal tubulointerstitial fibrosis in a mouse model of renal ischemia/reperfusion injury. <i>Kidney International</i> , 2019, 96, 117-128.	2.6	41
25	PD-L1 signaling on human memory CD4+ T cells induces a regulatory phenotype. <i>PLoS Biology</i> , 2021, 19, e3001199.	2.6	32
26	Targeting Complement at the Time of Transplantation. <i>Advances in Experimental Medicine and Biology</i> , 2013, 735, 247-255.	0.8	30
27	Locally Produced Complement and its Role in Renal Allograft Rejection. <i>American Journal of Transplantation</i> , 2003, 3, 927-932.	2.6	29
28	Role of the lectin complement pathway in kidney transplantation. <i>Immunobiology</i> , 2016, 221, 1068-1072.	0.8	29
29	New Boundaries for Complement in Renal Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1865-1869.	3.0	28
30	C5aR1 promotes acute pyelonephritis induced by uropathogenic E. coli. <i>JCI Insight</i> , 2017, 2, .	2.3	28
31	Development of a multivariable gene-expression signature targeting T-cell-mediated rejection in peripheral blood of kidney transplant recipients validated in cross-sectional and longitudinal samples. <i>EBioMedicine</i> , 2019, 41, 571-583.	2.7	28
32	The role of complement in regulating the alloresponse. <i>Current Opinion in Organ Transplantation</i> , 2009, 14, 10-15.	0.8	24
33	Deconstructing the Lectin Pathway in the Pathogenesis of Experimental Inflammatory Arthritis: Essential Role of the Lectin Ficolin B and Mannose-Binding Protein-Associated Serine Protease 2. <i>Journal of Immunology</i> , 2017, 199, 1835-1845.	0.4	24
34	Influence of complement on the allospecific antibody response to a primary vascularized organ graft. <i>European Journal of Immunology</i> , 1997, 27, 2848-2853.	1.6	22
35	<sc>Fucose prevention of renal ischaemia/reperfusion injury in Mice. <i>FASEB Journal</i> , 2020, 34, 822-834.	0.2	21
36	Ex vivo delivery of Mirococept: A dose-finding study in pig kidney after showing a low dose is insufficient to reduce delayed graft function in human kidney. <i>American Journal of Transplantation</i> , 2021, 21, 1012-1026.	2.6	21

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37	Human stem cell-derived retinal epithelial cells activate complement via collectin 11 in response to stress. <i>Scientific Reports</i> , 2017, 7, 14625.	1.6	20
38	Collectin-11 (CL-11) Is a Major Sentinel at Epithelial Surfaces and Key Pattern Recognition Molecule in Complement-Mediated Ischaemic Injury. <i>Frontiers in Immunology</i> , 2018, 9, 2023.	2.2	19
39	Complement in ischaemiaâ€“reperfusion injury and transplantation. <i>Seminars in Immunopathology</i> , 2021, 43, 789-797.	2.8	18
40	Rapamycin on trial. <i>Nephrology Dialysis Transplantation</i> , 1999, 14, 2087-2089.	0.4	16
41	Allograft rejection: effect of local synthesis of complement. <i>Seminars in Immunopathology</i> , 2005, 27, 332-344.	4.0	16
42	The effect of locally synthesised complement on acute renal allograft rejection. <i>Journal of Molecular Medicine</i> , 2003, 81, 404-410.	1.7	13
43	Non-Invasive whole-body detection of complement activation using radionuclide imaging in a mouse model of myocardial ischaemia-reperfusion injury. <i>Scientific Reports</i> , 2017, 7, 16090.	1.6	10
44	Fucose as a new therapeutic target in renal transplantation. <i>Pediatric Nephrology</i> , 2021, 36, 1065-1073.	0.9	8
45	Does the Lectin Complement Pathway Link Kawasaki Disease and SARS-CoV-2?. <i>Frontiers in Immunology</i> , 2020, 11, 604512.	2.2	4
46	Successful simultaneous liver&“kidney transplantation for renal failure associated with hereditary complement C3 deficiency. <i>American Journal of Transplantation</i> , 2020, 20, 2260-2263.	2.6	2
47	The ethics of organ retrieval: goals, rights and responsibilities. <i>Clinical Ethics</i> , 2011, 6, 111-112.	0.5	0
48	[P3&“051]: COULD COMPLEMENT INHIBITION BE A GOOD THERAPEUTIC TARGET IN ALZHEIMER's DISEASE?. <i>Alzheimer's and Dementia</i> , 2017, 13, P950.	0.4	0