

M Kathryn Liszewski

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

6,168
citations

87888

38
h-index

88630

70
g-index

77
all docs

77
docs citations

77
times ranked

6099
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Ex Vivo</i> and <i>In Vivo</i> CD46 Receptor Utilization by Species D Human Adenovirus Serotype 26 (HAdV26). <i>Journal of Virology</i> , 2022, 96, JVI0082621.	3.4	9
2	Dengue and the Lectin Pathway of the Complement System. <i>Viruses</i> , 2021, 13, 1219.	3.3	7
3	Novel de novo TREX1 mutation in a patient with retinal vasculopathy with cerebral leukoencephalopathy and systemic manifestations mimicking demyelinating disease. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 52, 103015.	2.0	4
4	Membrane cofactor protein (MCP; CD46): deficiency states and pathogen connections. <i>Current Opinion in Immunology</i> , 2021, 72, 126-134.	5.5	36
5	Lesion evolution and neurodegeneration in RVCL-S. <i>Neurology</i> , 2020, 95, e1918-e1931.	1.1	13
6	CD46 and Oncologic Interactions: Friendly Fire against Cancer. <i>Antibodies</i> , 2020, 9, 59.	2.5	19
7	The complement system in COVID-19: friend and foe?. <i>JCI Insight</i> , 2020, 5, .	5.0	295
8	A Multimodality Approach to Assessing Factor I Genetic Variants in Atypical Hemolytic Uremic Syndrome. <i>Kidney International Reports</i> , 2019, 4, 1007-1017.	0.8	14
9	Thiol isomerase ERp57 targets and modulates the lectin pathway of complement activation. <i>Journal of Biological Chemistry</i> , 2019, 294, 4878-4888.	3.4	12
10	Complement in Motion: The Evolution of CD46 from a Complement Regulator to an Orchestrator of Normal Cell Physiology. <i>Journal of Immunology</i> , 2019, 203, 3-5.	0.8	25
11	Development and Optimization of an ELISA to Quantitate C3(H2O) as a Marker of Human Disease. <i>Frontiers in Immunology</i> , 2019, 10, 703.	4.8	14
12	282â€¦Generation of hydrolyzed complement component C3 is substantially elevated in SLE. , , .		0
13	Intracellular C3 Protects Human Airway Epithelial Cells from Stress-associated Cell Death. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 144-157.	2.9	58
14	Hyperfunctional complement C3 promotes C5-dependent atypical hemolytic uremic syndrome in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 1061-1075.	8.2	23
15	The complement system in the airway epithelium: An overlooked host defense mechanism and therapeutic target?. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1582-1586.e1.	2.9	43
16	Intracellular C3 protects human airway epithelial cells from oxidative-stress induced cell death. <i>Molecular Immunology</i> , 2018, 102, 177-178.	2.2	0
17	Complementâ€™s hidden arsenal: New insights and novel functions inside the cell. <i>Molecular Immunology</i> , 2017, 84, 2-9.	2.2	53
18	Complement Dysregulation and Disease: Insights from Contemporary Genetics. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2017, 12, 25-52.	22.4	70

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19	A C3(H2O) recycling pathway is a component of the intracellular complement system. <i>Journal of Clinical Investigation</i> , 2017, 127, 970-981.	8.2	92
20	Regulators of complement activity mediate inhibitory mechanisms through a common C3b-binding mode. <i>EMBO Journal</i> , 2016, 35, 1133-1149.	7.8	123
21	Von Willebrand factor regulates complement on endothelial cells. <i>Kidney International</i> , 2016, 90, 123-134.	5.2	53
22	A C3(H2O) recycling and degradation pathway of the intracellular complement system. <i>Immunobiology</i> , 2016, 221, 1197.	1.9	1
23	Presence of an intracellular C3-C3aR system in the human lung epithelium. <i>Immunobiology</i> , 2016, 221, 1148-1149.	1.9	5
24	Evolution of the complement system: from defense of the single cell to guardian of the intravascular space. <i>Immunological Reviews</i> , 2016, 274, 9-15.	6.0	96
25	Complement regulator CD46: genetic variants and disease associations. <i>Human Genomics</i> , 2015, 9, 7.	2.9	87
26	Role of complement receptor 1 (CR1; CD35) on epithelial cells: A model for understanding complement-mediated damage in the kidney. <i>Molecular Immunology</i> , 2015, 67, 584-595.	2.2	31
27	Using Mutagenesis and Structural Biology to Map the Binding Site for the Plasmodium falciparum Merozoite Protein PfRh4 on the Human Immune Adherence Receptor. <i>Journal of Biological Chemistry</i> , 2014, 289, 450-463.	3.4	30
28	Intracellular Complement Activation Sustains T Cell Homeostasis and Mediates Effector Differentiation. <i>Immunity</i> , 2013, 39, 1143-1157.	14.3	444
29	Analysis of genes coding for CD46, CD55, and C4b-binding protein in patients with idiopathic, recurrent, spontaneous pregnancy loss. <i>European Journal of Immunology</i> , 2013, 43, 1617-1629.	2.9	36
30	Congenital short bowel syndrome as the presenting symptom in male patients with FLNA mutations. <i>Genetics in Medicine</i> , 2013, 15, 310-313.	2.4	32
31	Analysis of genes coding for CD46, CD55 and C4b-binding protein in patients with idiopathic, recurrent, spontaneous pregnancy loss. <i>Immunobiology</i> , 2012, 217, 1138.	1.9	0
32	Mutations in Complement Regulatory Proteins Predispose to Preeclampsia: A Genetic Analysis of the PROMISSE Cohort. <i>PLoS Medicine</i> , 2011, 8, e1001013.	8.4	240
33	Too Much of a Good Thing at the Site of Tissue Injury: The Instructive Example of the Complement System Predisposing to Thrombotic Microangiopathy. <i>Hematology American Society of Hematology Education Program</i> , 2011, 2011, 9-14.	2.5	16
34	Oversulfated Heparin By-Products Induce Thrombin Generation in Human Plasmas Through Contact System Activation. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2010, 16, 244-250.	1.7	10
35	Smallpox Inhibitor of Complement Enzymes (SPICE): Dissecting Functional Sites and Abrogating Activity. <i>Journal of Immunology</i> , 2009, 183, 3150-3159.	0.8	26
36	Advances in understanding of pathogenesis of aHUS and HELLP. <i>British Journal of Haematology</i> , 2008, 143, 336-348.	2.5	95

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37	Characterization of mutations in complement factor I (CFI) associated with hemolytic uremic syndrome. <i>Molecular Immunology</i> , 2008, 45, 95-105.	2.2	136
38	Super C3-convertases, formed by gain-of-function factor B or C3 mutant proteins are associated with atypical haemolytic uraemic syndrome with a poor outcome. <i>Molecular Immunology</i> , 2008, 45, 4098-4099.	2.2	0
39	Inhibiting complement activation on cells at the step of C3 cleavage. <i>Vaccine</i> , 2008, 26, 122-127.	3.8	26
40	New roles for the major human 3'â€²-5'â€² exonuclease TREX1 in human disease. <i>Cell Cycle</i> , 2008, 7, 1718-1725.	2.6	120
41	Smallpox Inhibitor of Complement Enzymes (SPICE): Regulation of Complement Activation on Cells and Mechanism of Its Cellular Attachment. <i>Journal of Immunology</i> , 2008, 181, 4199-4207.	0.8	23
42	Membrane cofactor protein mutations in atypical hemolytic uremic syndrome (aHUS), fatal Stx-HUS, C3 glomerulonephritis, and the HELLP syndrome. <i>Blood</i> , 2008, 111, 624-632.	1.4	131
43	Mutations in complement C3 predispose to development of atypical hemolytic uremic syndrome. <i>Blood</i> , 2008, 112, 4948-4952.	1.4	355
44	Mutations of C3 in Atypical Hemolytic Uremic Syndrome (aHUS). <i>FASEB Journal</i> , 2008, 22, 673.6.	0.5	1
45	Implications of the initial mutations in membrane cofactor protein (MCP; CD46) leading to atypical hemolytic uremic syndrome. <i>Molecular Immunology</i> , 2007, 44, 111-122.	2.2	115
46	Modeling how CD46 deficiency predisposes to atypical hemolytic uremic syndrome. <i>Molecular Immunology</i> , 2007, 44, 1559-1568.	2.2	22
47	C-terminal truncations in human 3'â€²-5'â€² DNA exonuclease TREX1 cause autosomal dominant retinal vasculopathy with cerebral leukodystrophy. <i>Nature Genetics</i> , 2007, 39, 1068-1070.	21.4	366
48	Structure and Regulatory Profile of the Monkeypox Inhibitor of Complement: Comparison to Homologs in Vaccinia and Variola and Evidence for Dimer Formation. <i>Journal of Immunology</i> , 2006, 176, 3725-3734.	0.8	91
49	West Nile virus nonstructural protein NS1 inhibits complement activation by binding the regulatory protein factor H. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19111-19116.	7.1	212
50	Hemolytic Uremic Syndrome: An Example of Insufficient Complement Regulation on Selfâ€²Tissue. <i>Annals of the New York Academy of Sciences</i> , 2005, 1056, 144-152.	3.8	48
51	Virulence differences between monkeypox virus isolates from West Africa and the Congo basin. <i>Virology</i> , 2005, 340, 46-63.	2.4	342
52	Emerging roles and new functions of CD46. <i>Seminars in Immunopathology</i> , 2005, 27, 345-358.	4.0	89
53	CD46 Is a Cellular Receptor for All Species B Adenoviruses except Types 3 and 7. <i>Journal of Virology</i> , 2005, 79, 14429-14436.	3.4	125
54	Localization of Regions in CD46 That Interact with Adenovirus. <i>Journal of Virology</i> , 2005, 79, 7503-7513.	3.4	53

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55	CD46: expanding beyond complement regulation. Trends in Immunology, 2004, 25, 496-503.	6.8	161
56	Mutations in CD46, a complement regulatory protein, predispose to atypical HUS. Trends in Molecular Medicine, 2004, 10, 226-231.	6.7	58
57	Interaction of Glycoprotein H of Human Herpesvirus 6 with the Cellular Receptor CD46. Journal of Biological Chemistry, 2003, 278, 25964-25969.	3.4	87
58	Mutations in human complement regulator, membrane cofactor protein (CD46), predispose to development of familial hemolytic uremic syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12966-12971.	7.1	388
59	Role of Membrane Cofactor Protein (CD46) in Regulation of C4b and C3b Deposited on Cells. Journal of Immunology, 2002, 168, 6298-6304.	0.8	123
60	Attachment of Neisseria gonorrhoeae to the cellular pilus receptor CD46: identification of domains important for bacterial adherence. Cellular Microbiology, 2001, 3, 133-143.	2.1	87
61	Functional domains, structural variations and pathogen interactions of MCP, DAF and CR1. Immunopharmacology, 2000, 49, 103-116.	2.0	77
62	Membrane Cofactor Protein (MCP; CD46): Isoform-Specific Tyrosine Phosphorylation. Journal of Immunology, 2000, 164, 1839-1846.	0.8	100
63	Dissecting Sites Important for Complement Regulatory Activity in Membrane Cofactor Protein (MCP; Tj ETQq1 1 0,784314 rgBT /Ove 126	3.4	126
64	Novel complement inhibitors. Expert Opinion on Investigational Drugs, 1998, 7, 323-331.	4.1	13
65	Membrane Cofactor Protein (CD46) Is a Basolateral Protein That Is Not Endocytosed. Journal of Biological Chemistry, 1997, 272, 20793-20799.	3.4	43
66	Membrane cofactor protein (MCP or CD46) is a cellular pilus receptor for pathogenic <i>Neisseria</i>. Molecular Microbiology, 1997, 25, 639-647.	2.5	325
67	Two Different Cytoplasmic Tails Direct Isoforms of the Membrane Cofactor Protein (CD46) to the Basolateral Surface of Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 1996, 271, 18853-18858.	3.4	39
68	Antibody-nucleic acid complexes. Conformational and base specificities associated with spontaneously occurring poly- and monoclonal anti-DNA antibodies from autoimmune mice. Biochemistry, 1984, 23, 2964-2970.	2.5	27
69	Antibody-nucleic acid complexes. Antigenic domains within nucleosides as defined by solid-phase immunoassay. Biochemistry, 1984, 23, 2958-2964.	2.5	20
70	Antibody-nucleic acid complexes. Immunospecific retention of globin mRNA with antibodies specific for 7-methylguanosine. Biochemistry, 1982, 21, 2922-2928.	2.5	46
71	Antibody-nucleic acid complexes. Identification of the antigenic determinant of a murine monoclonal antibody specific for single-stranded nucleic acids. Biochemistry, 1982, 21, 2929-2936.	2.5	14
72	Antibodies Specific for Modified Nucleosides: An Immunochemical Approach for the Isolation and Characterization of Nucleic Acids. Progress in Molecular Biology and Translational Science, 1980, 24, 109-165.	1.9	46

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73	Antibody-nucleic acid complexes. Inhibition of translation of silkmooth chorion messenger ribonucleic acid with antibodies specific for 7-methylguanosine. <i>Biochemistry</i> , 1979, 18, 3804-3810.	2.5	20