

# Kelly D Smith

## List of Publications by Year in descending order

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46  
papers

10,314  
citations

159585

30  
h-index

254184

43  
g-index

47  
all docs

47  
docs citations

47  
times ranked

11815  
citing authors

#	ARTICLE	IF	CITATIONS
1	The innate immune response to bacterial flagellin is mediated by Toll-like receptor 5. <i>Nature</i> , 2001, 410, 1099-1103.	27.8	3,186
2	Lipocalin 2 mediates an innate immune response to bacterial infection by sequestering iron. <i>Nature</i> , 2004, 432, 917-921.	27.8	1,540
3	The evolution of vertebrate Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9577-9582.	7.1	1,026
4	Toll-like receptor 5 recognizes a conserved site on flagellin required for protofilament formation and bacterial motility. <i>Nature Immunology</i> , 2003, 4, 1247-1253.	14.5	699
5	A Common Dominant TLR5 Stop Codon Polymorphism Abolishes Flagellin Signaling and Is Associated with Susceptibility to Legionnaires' Disease. <i>Journal of Experimental Medicine</i> , 2003, 198, 1563-1572.	8.5	580
6	Evasion of Toll-like receptor 5 by flagellated bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9247-9252.	7.1	560
7	The Toll-Like Receptor 5 Stimulus Bacterial Flagellin Induces Maturation and Chemokine Production in Human Dendritic Cells. <i>Journal of Immunology</i> , 2003, 170, 5165-5175.	0.8	353
8	The pathogen-associated <i>iroA</i> gene cluster mediates bacterial evasion of lipocalin 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16502-16507.	7.1	264
9	TLR4 Links Podocytes with the Innate Immune System to Mediate Glomerular Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 704-713.	6.1	189
10	Cutting Edge: <i>Tlr5</i> Mice Are More Susceptible to <i>Escherichia coli</i> Urinary Tract Infection. <i>Journal of Immunology</i> , 2007, 178, 4717-4720.	0.8	172
11	A conserved surface on Toll-like receptor 5 recognizes bacterial flagellin. <i>Journal of Experimental Medicine</i> , 2007, 204, 393-403.	8.5	157
12	Delayed Graft Function and Cast Nephropathy Associated with Tacrolimus Plus Rapamycin Use. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 1037-1045.	6.1	143
13	Conservation of Toll-like receptor signaling pathways in teleost fish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 77-88.	1.0	113
14	Polyomavirus Nephropathy in Native Kidneys of Non-Renal Transplant Recipients. <i>American Journal of Transplantation</i> , 2005, 5, 614-620.	4.7	112
15	Myeloid Differentiation Primary Response Gene (88) and Toll-Like Receptor 2-Deficient Mice Are Susceptible to Infection with Aerosolized <i>Legionella pneumophila</i> . <i>Journal of Infectious Diseases</i> , 2006, 193, 1693-1702.	4.0	103
16	Spectrum of Renal Pathology in Hematopoietic Cell Transplantation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 1014-1023.	4.5	100
17	Altered Inflammatory Responses in TLR5-Deficient Mice Infected with <i>Legionella pneumophila</i> . <i>Journal of Immunology</i> , 2007, 179, 6981-6987.	0.8	99
18	Innate Immunity Mediated by TLR5 as a Novel Antiinflammatory Target for Cystic Fibrosis Lung Disease. <i>Journal of Immunology</i> , 2008, 180, 7764-7773.	0.8	83

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19	NOD1 and NOD2 regulation of pulmonary innate immunity to <i>Legionella pneumophila</i> . <i>European Journal of Immunology</i> , 2010, 40, 3519-3527.	2.9	75
20	A systems approach to dissecting immunity and inflammation. <i>Seminars in Immunology</i> , 2004, 16, 55-67.	5.6	70
21	Pathogenic mechanisms in membranoproliferative glomerulonephritis. <i>Current Opinion in Nephrology and Hypertension</i> , 2005, 14, 396-403.	2.0	61
22	Flagellin Induces Antibody Responses through a TLR5- and Inflammasome-Independent Pathway. <i>Journal of Immunology</i> , 2014, 192, 1587-1596.	0.8	59
23	Acyl-CoA Synthetase 1 Is Induced by Gram-negative Bacteria and Lipopolysaccharide and Is Required for Phospholipid Turnover in Stimulated Macrophages. <i>Journal of Biological Chemistry</i> , 2013, 288, 9957-9970.	3.4	57
24	Transcription factor expression in lipopolysaccharide-activated peripheral-blood-derived mononuclear cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16245-16250.	7.1	55
25	Iron metabolism at the host pathogen interface: Lipocalin 2 and the pathogen-associated <i>iroA</i> gene cluster. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1776-1780.	2.8	54
26	CD4 + T Cells and Toll-Like Receptors Recognize Salmonella Antigens Expressed in Bacterial Surface Organelles. <i>Infection and Immunity</i> , 2005, 73, 1350-1356.	2.2	53
27	Gangliosides Act as Co-receptors for Salmonella enteritidis FliC and Promote FliC Induction of Human $\beta$ -Defensin-2 Expression in Caco-2 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 12213-12219.	3.4	49
28	Toll-like receptors in kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2009, 18, 189-196.	2.0	45
29	Fibrillary Glomerulonephritis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1741-1750.	4.5	43
30	Innate Immune Detection of Flagellin Positively and Negatively Regulates Salmonella Infection. <i>PLoS ONE</i> , 2013, 8, e72047.	2.5	40
31	Interstitial eosinophilic aggregates in diabetic nephropathy: allergy or not?. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1370-1376.	0.7	33
32	Dissecting innate immune responses with the tools of systems biology. <i>Current Opinion in Immunology</i> , 2005, 17, 49-54.	5.5	18
33	Profiling APOL1 Nephropathy Risk Variants in Genome-Edited Kidney Organoids with Single-Cell Transcriptomics. <i>Kidney360</i> , 2020, 1, 203-215.	2.1	18
34	Am I a coronavirus?. <i>Kidney International</i> , 2020, 98, 506-507.	5.2	18
35	Chronic Ifosfamide Toxicity: Kidney Pathology and Pathophysiology. <i>American Journal of Kidney Diseases</i> , 2014, 63, 843-850.	1.9	16
36	LMX1B-Associated Nephropathy With Type III Collagen Deposition in the Glomerular and Tubular Basement Membranes. <i>American Journal of Kidney Diseases</i> , 2018, 72, 296-301.	1.9	12

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37	FliCâ€™s Hypervariable D3 Domain Is Required for Robust Anti-Flagellin Primary Antibody Responses. <i>ImmunoHorizons</i> , 2019, 3, 422-432.	1.8	12
38	IgA-dominant glomerulonephritis with a membranoproliferative pattern of injury. <i>Human Pathology</i> , 2018, 81, 272-280.	2.0	10
39	Nucleotide-binding oligomerization domain containing-like receptor family, caspase recruitment domain (CARD) containing 4 (NLRC4) regulates intrapulmonary replication of aerosolized <i>Legionella pneumophila</i> . <i>BMC Infectious Diseases</i> , 2013, 13, 371.	2.9	9
40	Collapsing glomerulopathy in older adults. <i>Modern Pathology</i> , 2019, 32, 532-538.	5.5	7
41	Fibrillary Glomerulonephritis Is Associated With HLA-DR7 and HLA-B35 Antigens. <i>Kidney International Reports</i> , 2020, 5, 1325-1327.	0.8	7
42	Standardized reporting of monoclonal immunoglobulinâ€™-associated renal diseases: recommendations from a Mayo Clinic/Renal Pathology Society Working Group. <i>Kidney International</i> , 2020, 98, 310-313.	5.2	7
43	DNAJB9 Is Not Transcriptionally Upregulated in the Glomerulus in Fibrillary Glomerulonephritis. <i>Kidney International Reports</i> , 2020, 5, 368-372.	0.8	6
44	Response to Comment on â€™Flagellin Induces Antibody Responses through a TLR5- and Inflammasome-Independent Pathwayâ€™. <i>Journal of Immunology</i> , 2014, 192, 4941.2-4942.	0.8	1
45	The Authors Reply. <i>Kidney International Reports</i> , 2020, 5, 1841.	0.8	0
46	Altered Mental Status After Esophagogastroduodenoscopy. <i>Chest</i> , 2021, 159, e75-e79.	0.8	0