

Tammy Kielian

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132
papers

6,600
citations

48
h-index

76
g-index

138
ext. papers

7,458
ext. citations

6.3
avg, IF

6.33
L-index

#	Paper	IF	Citations
132	Staphylococcus aureus biofilms prevent macrophage phagocytosis and attenuate inflammation in vivo. <i>Journal of Immunology</i> , 2011 , 186, 6585-96	5.3	435
131	Toll-like receptors in health and disease in the brain: mechanisms and therapeutic potential. <i>Clinical Science</i> , 2011 , 121, 367-87	6.5	350
130	Toll-like receptors in central nervous system glial inflammation and homeostasis. <i>Journal of Neuroscience Research</i> , 2006 , 83, 711-30	4.4	284
129	CXC chemokine receptor-2 ligands are required for neutrophil-mediated host defense in experimental brain abscesses. <i>Journal of Immunology</i> , 2001 , 166, 4634-43	5.3	173
128	Toll-like receptor (TLR) and inflammasome actions in the central nervous system. <i>Trends in Immunology</i> , 2012 , 33, 333-42	14.4	139
127	Effects of peroxisome proliferator-activated receptor-gamma agonists on central nervous system inflammation. <i>Journal of Neuroscience Research</i> , 2003 , 71, 315-25	4.4	129
126	Myeloid-derived suppressor cells contribute to Staphylococcus aureus orthopedic biofilm infection. <i>Journal of Immunology</i> , 2014 , 192, 3778-92	5.3	123
125	Toll-like receptor 2 (TLR2) mediates astrocyte activation in response to the Gram-positive bacterium Staphylococcus aureus. <i>Journal of Neurochemistry</i> , 2004 , 88, 746-58	6	123
124	Neuroinflammation leads to region-dependent alterations in astrocyte gap junction communication and hemichannel activity. <i>Journal of Neuroscience</i> , 2011 , 31, 414-25	6.6	122
123	Glial connexins and gap junctions in CNS inflammation and disease. <i>Journal of Neurochemistry</i> , 2008 , 106, 1000-16	6	112
122	Characterization of microglial responses to Staphylococcus aureus: effects on cytokine, costimulatory molecule, and Toll-like receptor expression. <i>Journal of Neuroimmunology</i> , 2002 , 130, 86-99 ^{3,5}		112
121	Toll-like receptor 2 (TLR2) is pivotal for recognition of S. aureus peptidoglycan but not intact bacteria by microglia. <i>Glia</i> , 2005 , 49, 567-76	9	109
120	Inflammasome activation and IL-1 β /IL-18 processing are influenced by distinct pathways in microglia. <i>Journal of Neurochemistry</i> , 2011 , 119, 736-48	6	107
119	Staphylococcus aureus Biofilms Induce Macrophage Dysfunction Through Leukocidin AB and Alpha-Toxin. <i>MBio</i> , 2015 , 6,	7.8	105
118	Hiding in Plain Sight: Interplay between Staphylococcal Biofilms and Host Immunity. <i>Frontiers in Immunology</i> , 2014 , 5, 37	8.4	105
117	IL-1 and TNF-alpha play a pivotal role in the host immune response in a mouse model of Staphylococcus aureus-induced experimental brain abscess. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 381-96	3.1	101
116	Targeting macrophage activation for the prevention and treatment of Staphylococcus aureus biofilm infections. <i>Journal of Immunology</i> , 2013 , 190, 2159-68	5.3	97

115	Deciphering mechanisms of staphylococcal biofilm evasion of host immunity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012 , 2, 62	5.9	96
114	Diminished virulence of an alpha-toxin mutant of <i>Staphylococcus aureus</i> in experimental brain abscesses. <i>Infection and Immunity</i> , 2001 , 69, 6902-11	3.7	93
113	Transformation of human cathelicidin LL-37 into selective, stable, and potent antimicrobial compounds. <i>ACS Chemical Biology</i> , 2014 , 9, 1997-2002	4.9	88
112	The role of Toll-like receptors in CNS response to microbial challenge. <i>Journal of Neurochemistry</i> , 2006 , 99, 1-12	6	88
111	Toll-like receptor 2 modulates the proinflammatory milieu in <i>Staphylococcus aureus</i> -induced brain abscess. <i>Infection and Immunity</i> , 2005 , 73, 7428-35	3.7	87
110	IL-12 promotes myeloid-derived suppressor cell recruitment and bacterial persistence during <i>Staphylococcus aureus</i> orthopedic implant infection. <i>Journal of Immunology</i> , 2015 , 194, 3861-3872	5.3	86
109	Microglia in infectious diseases of the central nervous system. <i>Journal of NeuroImmune Pharmacology</i> , 2009 , 4, 448-61	6.9	81
108	Immunopathogenesis of brain abscess. <i>Journal of Neuroinflammation</i> , 2004 , 1, 16	10.1	81
107	Central role for MyD88 in the responses of microglia to pathogen-associated molecular patterns. <i>Journal of Immunology</i> , 2006 , 176, 6802-11	5.3	75
106	Blue light eliminates community-acquired methicillin-resistant <i>Staphylococcus aureus</i> in infected mouse skin abrasions. <i>Photomedicine and Laser Surgery</i> , 2013 , 31, 531-8		74
105	Interleukin-10 production by myeloid-derived suppressor cells contributes to bacterial persistence during <i>Staphylococcus aureus</i> orthopedic biofilm infection. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 1003-13	6.5	73
104	Proinflammatory cytokine, chemokine, and cellular adhesion molecule expression during the acute phase of experimental brain abscess development. <i>American Journal of Pathology</i> , 2000 , 157, 647-58	5.8	73
103	Toll-like receptor 2 regulates organic dust-induced airway inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 711-9	5.7	71
102	Microglia and chemokines in infectious diseases of the nervous system: views and reviews. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 732-50	2.8	68
101	Critical role for the AIM2 inflammasome during acute CNS bacterial infection. <i>Journal of Neurochemistry</i> , 2014 , 129, 704-11	6	67
100	Lipopolyamines: novel antiendotoxin compounds that reduce mortality in experimental sepsis caused by gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 912-9	5.9	66
99	Database screening and in vivo efficacy of antimicrobial peptides against methicillin-resistant <i>Staphylococcus aureus</i> USA300. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 402-6	14.3	65
98	Microglia and Astrocyte Activation by Toll-Like Receptor Ligands: Modulation by PPAR-gamma Agonists. <i>PPAR Research</i> , 2008 , 2008, 453120	4.3	65

97	Neuroinflammatory paradigms in lysosomal storage diseases. <i>Frontiers in Neuroscience</i> , 2015 , 9, 417	5.1	63
96	Minocycline modulates neuroinflammation independently of its antimicrobial activity in staphylococcus aureus-induced brain abscess. <i>American Journal of Pathology</i> , 2007 , 171, 1199-214	5.8	62
95	Persistent immune activation associated with a mouse model of Staphylococcus aureus-induced experimental brain abscess. <i>Journal of Neuroimmunology</i> , 2004 , 151, 24-32	3.5	62
94	Staphylococcus aureus-derived peptidoglycan induces Cx43 expression and functional gap junction intercellular communication in microglia. <i>Journal of Neurochemistry</i> , 2005 , 95, 475-83	6	62
93	Effects of neuroinflammation on glia-glia gap junctional intercellular communication: a perspective. <i>Neurochemistry International</i> , 2004 , 45, 429-36	4.4	59
92	CcpA regulates arginine biosynthesis in Staphylococcus aureus through repression of proline catabolism. <i>PLoS Pathogens</i> , 2012 , 8, e1003033	7.6	57
91	Moving towards effective therapeutic strategies for Neuronal Ceroid Lipofuscinosis. <i>Orphanet Journal of Rare Diseases</i> , 2016 , 11, 40	4.2	53
90	TLR2 expression in astrocytes is induced by TNF-alpha- and NF-kappa B-dependent pathways. <i>Journal of Immunology</i> , 2008 , 181, 3841-9	5.3	51
89	Tumor necrosis factor-alpha (TNF-alpha) regulates Toll-like receptor 2 (TLR2) expression in microglia. <i>Journal of Neurochemistry</i> , 2007 , 103, 1461-71	6	51
88	MyD88-dependent signals are essential for the host immune response in experimental brain abscess. <i>Journal of Immunology</i> , 2007 , 178, 4528-37	5.3	51
87	MyD88-dependent signaling influences fibrosis and alternative macrophage activation during Staphylococcus aureus biofilm infection. <i>PLoS ONE</i> , 2012 , 7, e42476	3.7	50
86	Rot is a key regulator of Staphylococcus aureus biofilm formation. <i>Molecular Microbiology</i> , 2015 , 96, 388-404	4.4	49
85	TLR2 deficiency leads to increased Th17 infiltrates in experimental brain abscesses. <i>Journal of Immunology</i> , 2009 , 182, 7119-30	5.3	48
84	Cyclic di-AMP Released from Staphylococcus aureus Biofilm Induces a Macrophage Type I Interferon Response. <i>Infection and Immunity</i> , 2016 , 84, 3564-3574	3.7	45
83	MCP-1 expression in CNS-1 astrocytoma cells: implications for macrophage infiltration into tumors in vivo. <i>Journal of Neuro-Oncology</i> , 2002 , 56, 1-12	4.8	45
82	Self-Complementary AAV9 Gene Delivery Partially Corrects Pathology Associated with Juvenile Neuronal Ceroid Lipofuscinosis (CLN3). <i>Journal of Neuroscience</i> , 2016 , 36, 9669-82	6.6	44
81	Global transcriptome analysis of Staphylococcus aureus biofilms in response to innate immune cells. <i>Infection and Immunity</i> , 2013 , 81, 4363-76	3.7	42
80	Staphylococcal Biofilms and Immune Polarization During Prosthetic Joint Infection. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 2017 , 25 Suppl 1, S20-S24	4.5	40

79	Effects of low dose GM-CSF on microglial inflammatory profiles to diverse pathogen-associated molecular patterns (PAMPs). <i>Journal of Neuroinflammation</i> , 2007 , 4, 10	10.1	40
78	Th1 and Th17 cells regulate innate immune responses and bacterial clearance during central nervous system infection. <i>Journal of Immunology</i> , 2012 , 188, 1360-70	5.3	39
77	CD11c(+)/CD11b(+) cells are critical for organic dust-elicited murine lung inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 652-9	5.7	39
76	Irradiated tumor cells adenovirally engineered to secrete granulocyte/macrophage-colony-stimulating factor establish antitumor immunity and eliminate pre-existing tumors in syngeneic mice. <i>Cancer Immunology, Immunotherapy</i> , 1998 , 47, 72-80	7.4	39
75	The synthetic peroxisome proliferator-activated receptor-gamma agonist ciglitazone attenuates neuroinflammation and accelerates encapsulation in bacterial brain abscesses. <i>Journal of Immunology</i> , 2008 , 180, 5004-16	5.3	39
74	Modulation of connexin expression and gap junction communication in astrocytes by the gram-positive bacterium <i>S. aureus</i> . <i>Glia</i> , 2007 , 55, 104-17	9	39
73	Microglia in juvenile neuronal ceroid lipofuscinosis are primed toward a pro-inflammatory phenotype. <i>Journal of Neurochemistry</i> , 2013 , 127, 245-58	6	38
72	Poly (ADP-ribose) polymerases (PARPs) 1-3 regulate astrocyte activation. <i>Journal of Neurochemistry</i> , 2008 , 106, 578-90	6	38
71	<i>S. aureus</i> -dependent microglial activation is selectively attenuated by the cyclopentenone prostaglandin 15-deoxy-Delta ^{12,14} - prostaglandin J ₂ (15d-PGJ ₂). <i>Journal of Neurochemistry</i> , 2004 , 90, 1163-72	6	37
70	Evidence for aberrant astrocyte hemichannel activity in Juvenile Neuronal Ceroid Lipofuscinosis (JNCL). <i>PLoS ONE</i> , 2014 , 9, e95023	3.7	37
69	Urease is an essential component of the acid response network of <i>Staphylococcus aureus</i> and is required for a persistent murine kidney infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007538	7.6	35
68	Granulocyte/macrophage-colony-stimulating factor released by adenovirally transduced CT26 cells leads to the local expression of macrophage inflammatory protein 1alpha and accumulation of dendritic cells at vaccination sites in vivo. <i>Cancer Immunology, Immunotherapy</i> , 1999 , 48, 123-31	7.4	34
67	Biofilm-Leukocyte Cross-Talk: Impact on Immune Polarization and Immunometabolism. <i>Journal of Innate Immunity</i> , 2019 , 11, 280-288	6.9	34
66	Lactate production by <i>Staphylococcus aureus</i> biofilm inhibits HDAC11 to reprogramme the host immune response during persistent infection. <i>Nature Microbiology</i> , 2020 , 5, 1271-1284	26.6	33
65	Neuron-astrocyte interactions in neurodegenerative diseases: Role of neuroinflammation. <i>Clinical and Experimental Neuroimmunology</i> , 2015 , 6, 245-263	0.4	31
64	Myeloid differentiation factor 88-dependent signaling is critical for acute organic dust-induced airway inflammation in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 781-9	5.7	31
63	Microglial activation by <i>Citrobacter koseri</i> is mediated by TLR4- and MyD88-dependent pathways. <i>Journal of Immunology</i> , 2009 , 183, 5537-47	5.3	31
62	Biofilm-infected intracerebroventricular shunts elicit inflammation within the central nervous system. <i>Infection and Immunity</i> , 2012 , 80, 3206-14	3.7	31

61	Nox2-derived oxidative stress results in inefficacy of antibiotics against post-influenza <i>S. aureus</i> pneumonia. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1851-64	16.6	30
60	T cells and a mixed Th1/Th17 response are important in organic dust-induced airway disease. <i>Annals of Allergy, Asthma and Immunology</i> , 2012 , 109, 266-273.e2	3.2	30
59	SaeRS Is Responsive to Cellular Respiratory Status and Regulates Fermentative Biofilm Formation in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2017 , 85,	3.7	28
58	Central nervous system fibrosis is associated with fibrocyte-like infiltrates. <i>American Journal of Pathology</i> , 2011 , 179, 2952-62	5.8	28
57	Overview of toll-like receptors in the CNS. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 336, 1-14	3.3	28
56	Infectious Dose Dictates the Host Response during <i>Staphylococcus aureus</i> Orthopedic-Implant Biofilm Infection. <i>Infection and Immunity</i> , 2016 , 84, 1957-1965	3.7	28
55	Efficacy of phosphodiesterase-4 inhibitors in juvenile Batten disease (CLN3). <i>Annals of Neurology</i> , 2016 , 80, 909-923	9.4	27
54	MyD88 expression by CNS-resident cells is pivotal for eliciting protective immunity in brain abscesses. <i>ASN Neuro</i> , 2009 , 1,	5.3	27
53	15-deoxy-Delta12,14-prostaglandin J2 (15d-PGJ2) and ciglitazone modulate <i>Staphylococcus aureus</i> -dependent astrocyte activation primarily through a PPAR-gamma-independent pathway. <i>Journal of Neurochemistry</i> , 2006 , 99, 1389-1402	6	27
52	3D Bioprinted Scaffolds Containing Viable Macrophages and Antibiotics Promote Clearance of <i>Staphylococcus aureus</i> Craniotomy-Associated Biofilm Infection. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12298-12307	9.5	26
51	Human prosthetic joint infections are associated with myeloid-derived suppressor cells (MDSCs): Implications for infection persistence. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 1605-1613	3.8	25
50	Platelet-Rich Plasma for the Treatment of Tissue Infection: Preparation and Clinical Evaluation. <i>Tissue Engineering - Part B: Reviews</i> , 2019 , 25, 225-236	7.9	24
49	<i>Staphylococcus aureus</i> sarA regulates inflammation and colonization during central nervous system biofilm formation. <i>PLoS ONE</i> , 2013 , 8, e84089	3.7	24
48	MyD88 is pivotal for immune recognition of <i>Citrobacter koseri</i> and astrocyte activation during CNS infection. <i>Journal of Neuroinflammation</i> , 2011 , 8, 35	10.1	24
47	Protease-Mediated Growth of <i>Staphylococcus aureus</i> on Host Proteins Is Dependent. <i>MBio</i> , 2019 , 10,	7.8	23
46	Monocyte metabolic reprogramming promotes pro-inflammatory activity and <i>Staphylococcus aureus</i> biofilm clearance. <i>PLoS Pathogens</i> , 2020 , 16, e1008354	7.6	23
45	Arginase-1 Expression in Myeloid Cells Regulates <i>Staphylococcus aureus</i> Planktonic but Not Biofilm Infection. <i>Infection and Immunity</i> , 2018 , 86,	3.7	23
44	Hemichannels in neurodegenerative diseases: is there a link to pathology?. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 242	6.1	23

43	Recognition of Staphylococcus aureus-derived peptidoglycan (PGN) but not intact bacteria is mediated by CD14 in microglia. <i>Journal of Neuroimmunology</i> , 2005 , 170, 93-104	3.5	23
42	Organic dust augments nucleotide-binding oligomerization domain expression via an NF- κ B pathway to negatively regulate inflammatory responses. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 301, L296-306	5.8	21
41	Neutrophils are mediators of metastatic prostate cancer progression in bone. <i>Cancer Immunology, Immunotherapy</i> , 2020 , 69, 1113-1130	7.4	20
40	Astrocytes and lysosomal storage diseases. <i>Neuroscience</i> , 2016 , 323, 195-206	3.9	20
39	Large-Scale and Rapid Preparation of Nanofibrous Meshes and Their Application for Drug-Loaded Multilayer Mucoadhesive Patch Fabrication for Mouth Ulcer Treatment. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28740-28751	9.5	20
38	Heterogeneity of Ly6G Ly6C Myeloid-Derived Suppressor Cell Infiltrates during Staphylococcus aureus Biofilm Infection. <i>Infection and Immunity</i> , 2018 , 86,	3.7	19
37	MyD88 in lung resident cells governs airway inflammatory and pulmonary function responses to organic dust treatment. <i>Respiratory Research</i> , 2015 , 16, 111	7.3	17
36	Toll-like receptor 2 (TLR2)-TLR9 crosstalk dictates IL-12 family cytokine production in microglia. <i>Glia</i> , 2012 , 60, 29-42	9	17
35	Staphylococcus aureus Fibronectin Binding Protein A Mediates Biofilm Development and Infection. <i>Infection and Immunity</i> , 2020 , 88,	3.7	15
34	Roles of Toll-like receptor 2 (TLR2) and superantigens on adaptive immune responses during CNS staphylococcal infection. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 905-14	16.6	15
33	Multifaceted roles of neuroinflammation: the need to consider both sides of the coin. <i>Journal of Neurochemistry</i> , 2016 , 136 Suppl 1, 5-9	6	15
32	A mouse model of Staphylococcus catheter-associated biofilm infection. <i>Methods in Molecular Biology</i> , 2014 , 1106, 183-91	1.4	14
31	Neuroinflammation: good, bad, or indifferent?. <i>Journal of Neurochemistry</i> , 2014 , 130, 1-3	6	14
30	IL-1RI (interleukin-1 receptor type I) signalling is essential for host defence and hemichannel activity during acute central nervous system bacterial infection. <i>ASN Neuro</i> , 2012 , 4,	5.3	14
29	Astrocytes in juvenile neuronal ceroid lipofuscinosis (CLN3) display metabolic and calcium signaling abnormalities. <i>Journal of Neurochemistry</i> , 2019 , 148, 612-624	6	13
28	Resistance to Acute Macrophage Killing Promotes Airway Fitness of Prevalent Community-Acquired Staphylococcus aureus Strains. <i>Journal of Immunology</i> , 2016 , 196, 4196-203	5.3	13
27	Toll-like receptors in brain abscess. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 336, 41-61	3.3	11
26	Mouse model of post-arthroplasty Staphylococcus epidermidis joint infection. <i>Methods in Molecular Biology</i> , 2014 , 1106, 173-81	1.4	10

25	Compartmentalization of immune responses during <i>Staphylococcus aureus</i> cranial bone flap infection. <i>American Journal of Pathology</i> , 2013 , 183, 450-8	5.8	9
24	Differential effects of interleukin-17 receptor signaling on innate and adaptive immunity during central nervous system bacterial infection. <i>Journal of Neuroinflammation</i> , 2012 , 9, 128	10.1	9
23	Neuroinflammation alters voltage-dependent conductance in striatal astrocytes. <i>Journal of Neurophysiology</i> , 2012 , 108, 112-23	3.2	9
22	TLR2 and caspase-1 signaling are critical for bacterial containment but not clearance during craniotomy-associated biofilm infection. <i>Journal of Neuroinflammation</i> , 2020 , 17, 114	10.1	9
21	Age-dependent alterations in neuronal activity in the hippocampus and visual cortex in a mouse model of Juvenile Neuronal Ceroid Lipofuscinosis (CLN3). <i>Neurobiology of Disease</i> , 2017 , 100, 19-29	7.5	8
20	Lysosomal storage disorders: pathology within the lysosome and beyond. <i>Journal of Neurochemistry</i> , 2019 , 148, 568-572	6	8
19	<i>Staphylococcus aureus</i> ATP Synthase Promotes Biofilm Persistence by Influencing Innate Immunity. <i>MBio</i> , 2020 , 11,	7.8	7
18	MyD88 regulates a prolonged adaptation response to environmental dust exposure-induced lung disease. <i>Respiratory Research</i> , 2020 , 21, 97	7.3	7
17	Crosstalk Between and Innate Immunity: Focus on Immunometabolism. <i>Frontiers in Immunology</i> , 2020 , 11, 621750	8.4	7
16	Caspase 1 activity influences juvenile Batten disease (CLN3) pathogenesis. <i>Journal of Neurochemistry</i> , 2019 , 148, 652-668	6	6
15	Searching for novel biomarkers using a mouse model of CLN3-Batten disease. <i>PLoS ONE</i> , 2018 , 13, e0201470	3.7	6
14	Synthesis and SAR Studies of 1-Pyrrolo[2,3-]pyridine-2-carboxamides as Phosphodiesterase 4B (PDE4B) Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1848-1854	4.3	5
13	Landmark optimization using local curvature for point-based nonlinear rodent brain image registration. <i>International Journal of Biomedical Imaging</i> , 2012 , 2012, 635207	5.2	5
12	Transcriptional Diversity and Niche-Specific Distribution of Leukocyte Populations during Craniotomy-Associated Biofilm Infection. <i>Journal of Immunology</i> , 2021 , 206, 751-765	5.3	5
11	Orthopaedic Surgery Elicits a Systemic Anti-Inflammatory Signature. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
10	Identification of Potential Cerebrospinal Fluid Biomarkers To Discriminate between Infection and Sterile Inflammation in a Rat Model of <i>Staphylococcus epidermidis</i> Catheter Infection. <i>Infection and Immunity</i> , 2019 , 87,	3.7	3
9	Correction: Targeting Macrophage Activation for the Prevention and Treatment of <i>Staphylococcus aureus</i> Biofilm Infections. <i>Journal of Immunology</i> , 2013 , 190, 6709-6710	5.3	3
8	Central Nervous System Catheter Infection Induces Long-Term Changes in the Cerebrospinal Fluid Proteome. <i>Infection and Immunity</i> , 2021 , 89,	3.7	3

7	Immunopathogenesis of Craniotomy Infection and Niche-Specific Immune Responses to Biofilm. <i>Frontiers in Immunology</i> , 2021 , 12, 625467	8.4	3
6	Chemokines and Neural Inflammation in Experimental Brain Abscesses 2002 , 217-224		2
5	Cytokines and Brain 2005 , 41-80		0
4	The Prospect of Nanoparticle Systems for Modulating Immune Cell Polarization During Central Nervous System Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 670931	8.4	0
3	Antibacterial properties of silver nanoparticles synthesized via nanosecond pulsed laser ablation in water. <i>Journal of Laser Applications</i> , 2022 , 34, 012031	2.1	0
2	Rodent models of experimental bacterial infections in the CNS472-486		
1	Roles in Immune Responses 2014 , 115-144		