Roland Nau

List of Publications by Year
in descending order

140 papers	6,266 citations	57758 44 h-index	79698 73 g-index
144 all docs	144 docs citations	144 times ranked	6380 citing authors

#	Article	IF	Citations
1	Penetration of Drugs through the Blood-Cerebrospinal Fluid/Blood-Brain Barrier for Treatment of Central Nervous System Infections. Clinical Microbiology Reviews, 2010, 23, 858-883.	13.6	747
2	Neuronal injury in bacterial meningitis: mechanisms and implications for therapy. Trends in Neurosciences, 2002, 25, 38-45.	8.6	266
3	Modulation of Release of Proinflammatory Bacterial Compounds by Antibacterials: Potential Impact on Course of Inflammation and Outcome in Sepsis and Meningitis. Clinical Microbiology Reviews, 2002, 15, 95-110.	13.6	209
4	Apoptosis of Neurons in the Dentate Gyrus in Humans Suffering from Bacterial Meningitis. Journal of Neuropathology and Experimental Neurology, 1999, 58, 265-274.	1.7	184
5	Hostâ€“pathogen interactions in bacterial meningitis. Acta Neuropathologica, 2016, 131, 185-209.	7.7	175
6	Circulating monocytes engraft in the brain, differentiate into microglia and contribute to the pathology following meningitis in mice. Brain, 2006, 129, 2394-2403.	7.6	169
7	Anti-Inflammatory Treatment Influences Neuronal Apoptotic Cell Death in the Dentate Gyms in Experimental Pneumococcal Meningitis. Journal of Neuropathology and Experimental Neurology, 1996, 55, 722-728.	1.7	155
8	Neuronal injury mediated via stimulation of microglial tollâ€like receptorâ€9 (TLR9). FASEB Journal, 2004, 18, 1-17.	0.5	148
9	Toll-Like Receptor Stimulation Enhances Phagocytosis and Intracellular Killing of Nonencapsulated and EncapsulatedStreptococcus pneumoniaeby Murine Microglia. Infection and Immunity, 2010, 78, 865-871.	2.2	128
10	Mechanisms of injury in bacterial meningitis. Current Opinion in Neurology, 2010, 23, 312-318.	3.6	121
11	Rifampin Reduces Early Mortality in ExperimentalStreptococcus pneumoniaeMeningitis. Journal of Infectious Diseases, 1999, 179, 1557-1560.	4.0	113
12	PavB is a surfaceâ€exposed adhesin of Streptococcus pneumoniae contributing to nasopharyngeal colonization and airways infections. Molecular Microbiology, 2010, 77, 22-43.	2.5	113
13	Neurotoxicity of Pneumolysin, a Major Pneumococcal Virulence Factor, Involves Calcium Influx and Depends on Activation of p38 Mitogen-Activated Protein Kinase. Neurobiology of Disease, 2002, 11, 355-368.	4.4	103
14	Amyloid beta peptide 1-40 enhances the action of Toll-like receptor-2 and -4 agonists but antagonizes Toll-like receptor-9-induced inflammation in primary mouse microglial cell cultures. Journal of Neurochemistry, 2005, 94, 289-298.	3.9	98
15	Reduced Release of Pneumolysin by Streptococcus pneumoniae In Vitro and In Vivo after Treatment with Nonbacteriolytic Antibiotics in Comparison to Ceftriaxone. Antimicrobial Agents and Chemotherapy, 2003, 47, 2649-2654.	3.2	97
16	Dose-dependent activation of microglial cells by Toll-like receptor agonists alone and in combination. Journal of Neuroimmunology, 2005, 159, 87-96.	2.3	96
17	Sepsis-associated encephalopathy and septic encephalitis: an update. Expert Review of Anti-Infective Therapy, 2021, 19, 215-231.	4.4	95
18	Pharmacokinetic Optimisation of the Treatment of Bacterial Central Nervous System Infections. Clinical Pharmacokinetics, 1998, 35, 223-246.	3.5	86

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19	Effect of Deficiency of Tumor Necrosis Factor Alpha or Both of Its Receptors onStreptococcus pneumoniaeCentral Nervous System Infection and Peritonitis. Infection and Immunity, 2001, 69, 6881-6886.	2.2	85
20	Rifampin Reduces Production of Reactive Oxygen Species of Cerebrospinal Fluid Phagocytes and Hippocampal Neuronal Apoptosis in ExperimentalStreptococcus pneumoniaeMeningitis. Journal of Infectious Diseases, 2000, 181, 2095-2098.	4.0	79
21	Spatial memory and learning deficits after experimental pneumococcal meningitis in mice. Neuroscience Letters, 2000, 296, 137-140.	2.1	76
22	Penetration of rifampicin into the cerebrospinal fluid of adults with uninflamed meninges. Journal of Antimicrobial Chemotherapy, 1992, 29, 719-724.	3.0	70
23	?-Trace protein in cerebrospinal fluid: A blood-CSF barrier-related evaluation in neurological diseases. Annals of Neurology, 1998, 44, 882-889.	5.3	67
24	Decreased Virulence of a Pneumolysin-Deficient Strain of Streptococcus pneumoniae in Murine Meningitis. Infection and Immunity, 2002, 70, 6504-6508.	2.2	66
25	Neuronal Apoptosis in the Dentate Gyrus in Humans with Subarachnoid Hemorrhage and Cerebral Hypoxia. Brain Pathology, 2002, 12, 329-336.	4.1	65
26	Lyme Disease. Deutsches Ärzteblatt International, 2009, 106, 72-81; quiz 82, I.	0.9	65
27	Differential regulation of Toll-like receptor mRNAs in experimental murine central nervous system infections. Neuroscience Letters, 2003, 344, 17-20.	2.1	62
28	Rifampin Followed by Ceftriaxone for Experimental Meningitis Decreases Lipoteichoic Acid Concentrations in Cerebrospinal Fluid and Reduces Neuronal Damage in Comparison to Ceftriaxone Alone. Antimicrobial Agents and Chemotherapy, 2003, 47, 1313-1317.	3.2	61
29	Intrathecal Antibacterial and Antifungal Therapies. Clinical Microbiology Reviews, 2020, 33, .	13.6	60
30	Increased mortality and spatial memory deficits in TNF-Î±-deficient mice in ceftriaxone-treated experimental pneumococcal meningitis. Neurobiology of Disease, 2004, 16, 133-138.	4.4	58
31	Dexamethasone Increases Hippocampal Neuronal Apoptosis in a Rabbit Model of Escherichia coli Meningitis. Pediatric Research, 2006, 60, 210-215.	2.3	54
32	Short-term rifampicin pretreatment reduces inflammation and neuronal cell death in a rabbit model of bacterial meningitis*. Critical Care Medicine, 2009, 37, 2253-2258.	0.9	54
33	Disposition and Elimination of Meropenem in Cerebrospinal Fluid of Hydrocephalic Patients with External Ventriculostomy. Antimicrobial Agents and Chemotherapy, 1998, 42, 2012-2016.	3.2	53
34	Streptococcus pneumoniae Infection Aggravates Experimental Autoimmune Encephalomyelitis via Toll-Like Receptor 2. Infection and Immunity, 2006, 74, 4841-4848.	2.2	52
35	Toll-like receptor stimulation increases phagocytosis of Cryptococcus neoformans by microglial cells. Journal of Neuroinflammation, 2013, 10, 71.	7.2	52
36	Septic encephalopathy and septic encephalitisâ€¬â€¬. Expert Review of Anti-Infective Therapy, 2017, 15, 121-132.	4.4	52

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37	Lipophilicity at pH 7.4 and molecular size govern the entry of the free serum fraction of drugs into the cerebrospinal fluid in humans with uninflamed meninges. Journal of the Neurological Sciences, 1994, 122, 61-65.	0.6	51
38	Intraperitoneal prophylaxis with CpG oligodeoxynucleotides protects neutropenic mice against intracerebral Escherichia coli K1 infection. Journal of Neuroinflammation, 2014, 11, 14.	7.2	51
39	Microglial cells and peritoneal macrophages release activin A upon stimulation with Toll-like receptor agonists. Neuroscience Letters, 2007, 413, 241-244.	2.1	50
40	Osmotherapy for Elevated Intracranial Pressure. Clinical Pharmacokinetics, 2000, 38, 23-40.	3.5	49
41	Strategies to increase the activity of microglia as efficient protectors of the brain against infections. Frontiers in Cellular Neuroscience, 2014, 8, 138.	3.7	49
42	Activity of LY333328 in Experimental Meningitis Caused by a Streptococcus pneumoniae Strain Susceptible to Penicillin. Antimicrobial Agents and Chemotherapy, 2001, 45, 2169-2172.	3.2	47
43	Experimental pneumococcal meningitis in rabbits: the increase of matrix metalloproteinase-9 in cerebrospinal fluid correlates with leucocyte invasion. Neuroscience Letters, 1998, 256, 127-130.	2.1	46
44	Increased Expression of BDNF and Proliferation of Dentate Granule Cells After Bacterial Meningitis. Journal of Neuropathology and Experimental Neurology, 2005, 64, 806-815.	1.7	46
45	Axonal injury, a neglected cause of CNS damage in bacterial meningitis. Neurology, 2004, 62, 509-511.	1.1	45
46	Ly-6G+CCR2â˜’ Myeloid Cells Rather Than Ly-6ChighCCR2+ Monocytes Are Required for the Control of Bacterial Infection in the Central Nervous System. Journal of Immunology, 2008, 181, 2713-2722.	0.8	43
47	High dose vitamin D exacerbates central nervous system autoimmunity by raising T-cell excitatory calcium. Brain, 2019, 142, 2737-2755.	7.6	43
48	Increased activin levels in cerebrospinal fluid of rabbits with bacterial meningitis are associated with activation of microglia. Journal of Neurochemistry, 2004, 86, 238-245.	3.9	42
49	Increased neurogenesis after hypoxic-ischemic encephalopathy in humans is age related. Acta Neuropathologica, 2009, 117, 525-534.	7.7	40
50	Bacterial meningitis: an update of new treatment options. Expert Review of Anti-Infective Therapy, 2015, 13, 1401-1423.	4.4	39
51	Minimizing the release of proinflammatory and toxic bacterial products within the host: A promising approach to improve outcome in life-threatening infections. FEMS Immunology and Medical Microbiology, 2005, 44, 1-16.	2.7	38
52	Matrix metalloproteinase-9 deficiency impairs host defense mechanisms against Streptococcus pneumoniae in a mouse model of bacterial meningitis. Neuroscience Letters, 2003, 338, 201-204.	2.1	36
53	Clindamycin is neuroprotective in experimental Streptococcus pneumoniae meningitis compared with ceftriaxone. Journal of Neurochemistry, 2004, 91, 1450-1460.	3.9	36
54	Rapid microtubule bundling and stabilization by the Streptococcus pneumoniae neurotoxin pneumolysin in a cholesterolâ€dependent, nonâ€lytic and Srcâ€kinase dependent manner inhibits intracellular trafficking. Molecular Microbiology, 2009, 71, 461-477.	2.5	36

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55	Vitamin D Deficiency Reduces the Immune Response, Phagocytosis Rate, and Intracellular Killing Rate of Microglial Cells. Infection and Immunity, 2014, 82, 2585-2594.	2.2	36
56	Resistance of the Brain to Escherichia coli K1 Infection Depends on MyD88 Signaling and the Contribution of Neutrophils and Monocytes. Infection and Immunity, 2013, 81, 1810-1819.	2.2	34
57	Elimination of blood-derived macrophages inhibits the release of interleukin-1 and the entry of leukocytes into the cerebrospinal fluid in experimental pneumococcal meningitis. Journal of Neuroimmunology, 1997, 73, 77-80.	2.3	33
58	Transcriptional Regulation of Caspases in Experimental Pneumococcal Meningitis. Brain Pathology, 2001, 11, 282-295.	4.1	33
59	Intrauterine Exposure to Dexamethasone Impairs Proliferation But Not Neuronal Differentiation in the Dentate Gyrus of Newborn Common Marmoset Monkeys. Brain Pathology, 2006, 16, 209-217.	4.1	33
60	Increased neurogenesis after experimentalStreptococcus pneumoniaemeningitis. Journal of Neuroscience Research, 2003, 73, 441-446.	2.9	31
61	Varicella zoster virus cerebellitis in a 66-year-old patient without herpes zoster. Lancet, The, 2006, 367, 182.	13.7	31
62	Pharmacokinetics and pharmacodynamics of antibiotics in central nervous system infections. Current Opinion in Infectious Diseases, 2018, 31, 57-68.	3.1	31
63	High prevalence of prescription of psychotropic drugs for older patients in a general hospital. BMC Pharmacology & Toxicology, 2017, 18, 76.	2.4	30
64	Palmitoylethanolamide stimulates phagocytosis of Escherichia coli K1 by macrophages and increases the resistance of mice against infections. Journal of Neuroinflammation, 2014, 11, 108.	7.2	29
65	Stimulation of Toll-Like Receptor 9 by Chronic Intraventricular Unmethylated Cytosine-Guanine DNA Infusion Causes Neuroinflammation and Impaired Spatial Memory. Journal of Neuropathology and Experimental Neurology, 2009, 68, 1116-1124.	1.7	28
66	Melatonin Is Neuroprotective in ExperimentalStreptococcus pneumoniaeMeningitis. Journal of Infectious Diseases, 2005, 191, 783-790.	4.0	27
67	Serum follistatin concentrations are increased in patients with septicaemia. Clinical Endocrinology, 1998, 48, 413-417.	2.4	26
68	Protein synthesis inhibiting clindamycin improves outcome in a mouse model of Staphylococcus aureus sepsis compared with the cell wall active ceftriaxone. Critical Care Medicine, 2002, 30, 1560-1564.	0.9	26
69	Expression of Deathâ€related Proteins in Dentate Granule Cells in Human Bacterial Meningitis. Brain Pathology, 2001, 11, 422-431.	4.1	25
70	Comparison of the probability of target attainment between ceftriaxone and cefepime in the cerebrospinal fluid and serum against Streptococcus pneumoniae. Diagnostic Microbiology and Infectious Disease, 2007, 58, 445-452.	1.8	25
71	Fibronectin is elevated in the cerebrospinal fluid of patients suffering from bacterial meningitis and enhances inflammation caused by bacterial products in primary mouse microglial cell cultures. Journal of Neurochemistry, 2007, 102, 2049-2060.	3.9	24
72	Enzyme Immunoassay Detecting Teichoic and Lipoteichoic Acids versus Cerebrospinal Fluid Culture and Latex Agglutination for Diagnosis of Streptococcus pneumoniae Meningitis. Journal of Clinical Microbiology, 1998, 36, 2346-2348.	3.9	24

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73	Inhibition of glutamine synthetase in rabbit pneumococcal meningitis is associated with neuronal apoptosis in the dentate gyrus. , 2000, 30, 11-18.		23
74	Palmitoylethanolamide stimulates phagocytosis of Escherichia coli K1 and Streptococcus pneumoniae R6 by microglial cells. Journal of Neuroimmunology, 2012, 244, 32-34.	2.3	23
75	Medication and medical diagnosis as risk factors for falls in older hospitalized patients. European Journal of Clinical Pharmacology, 2019, 75, 1117-1124.	1.9	22
76	Systemic infections in multiple sclerosis and experimental autoimmune encephalomyelitis. Archives of Physiology and Biochemistry, 2007, 113, 124-130.	2.1	21
77	Antiinflammatory but no neuroprotective effects of melatonin under clinical treatment conditions in rabbit models of bacterial meningitis. Journal of Neuroscience Research, 2006, 84, 1575-1579.	2.9	20
78	Bacterial meningitis: new therapeutic approaches. Expert Review of Anti-Infective Therapy, 2013, 11, 1079-1095.	4.4	19
79	Beneficial effect of chronic Staphylococcus aureus infection in a model of multiple sclerosis is mediated through the secretion of extracellular adherence protein. Journal of Neuroinflammation, 2015, 12, 22.	7.2	19
80	Additive Microglia-Mediated Neuronal Injury Caused by Amyloid-Î² and Bacterial TLR Agonists in Murine Neuron-Microglia Co-Cultures Quantified by an Automated Image Analysis using Cognition Network Technology. Journal of Alzheimer's Disease, 2012, 31, 651-657.	2.6	18
81	Modulation of Hippocampal Neuroplasticity by Fas/CD95 Regulatory Protein 2 (Faim2) in the Course of Bacterial Meningitis. Journal of Neuropathology and Experimental Neurology, 2014, 73, 2-13.	1.7	18
82	Frequency of dementia syndromes with a potentially treatable cause in geriatric in-patients: analysis of a 1-year interval. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 429-438.	3.2	18
83	Higher mortality and impaired elimination of bacteria in aged mice after intracerebral infection withE. coliare associated with an age-related decline of microglia and macrophage functions. Oncotarget, 2014, 5, 12573-12592.	1.8	18
84	Reduction of meningeal macrophages does not decrease migration of granulocytes into the CSF and brain parenchyma in experimental pneumococcal meningitis. Journal of Neuroimmunology, 1999, 99, 205-210.	2.3	17
85	Multivalent Choline Dendrimers Increase Phagocytosis ofStreptococcus pneumoniaeR6 by Microglial Cells. Chemotherapy, 2013, 59, 138-142.	1.6	17
86	Small cisterno-lumbar gradient of phosphorylated Tau protein in geriatric patients with suspected normal pressure hydrocephalus. Fluids and Barriers of the CNS, 2016, 13, 15.	5.0	17
87	Overton's Rule Helps To Estimate the Penetration of Anti-Infectives into Patients' Cerebrospinal Fluid. Antimicrobial Agents and Chemotherapy, 2012, 56, 979-988.	3.2	16
88	Activin A increases phagocytosis of Escherichia coli K1 by primary murine microglial cells activated by toll-like receptor agonists. Journal of Neuroinflammation, 2018, 15, 175.	7.2	16
89	Aged mice show an increased mortality after anesthesia with a standard dose of ketamine/xylazine. Laboratory Animal Research, 2019, 35, 8.	2.5	16
90	Training improves the handling of inhaler devices and reduces the severity of symptoms in geriatric patients suffering from chronic-obstructive pulmonary disease. BMC Geriatrics, 2020, 20, 398.	2.7	16

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91	Pre-infection physical exercise decreases mortality and stimulates neurogenesis in bacterial meningitis. Journal of Neuroinflammation, 2012, 9, 168.	7.2	15
92	The nucleotide-binding oligomerization domain-containing-2 ligand muramyl dipeptide enhances phagocytosis and intracellular killing of Escherichia coli K1 by Toll-like receptor agonists in microglial cells. Journal of Neuroimmunology, 2012, 252, 16-23.	2.3	15
93	Prophylactic Palmitoylethanolamide Prolongs Survival and Decreases Detrimental Inflammation in Aged Mice With Bacterial Meningitis. Frontiers in Immunology, 2018, 9, 2671.	4.8	15
94	Pharmacodynamics of antibiotics with respect to bacterial killing of and release of lipoteichoic acid by Streptococcus pneumoniae. Journal of Antimicrobial Chemotherapy, 2005, 56, 154-159.	3.0	14
95	Expression of a Cu,Zn superoxide dismutase typical for familial amyotrophic lateral sclerosis increases the vulnerability of neuroblastoma cells to infectious injury. BMC Infectious Diseases, 2007, 7, 131.	2.9	14
96	Pre-treatment with the viral Toll-like receptor 3 agonist poly(I:C) modulates innate immunity and protects neutropenic mice infected intracerebrally with Escherichia coli. Journal of Neuroinflammation, 2020, 17, 24.	7.2	14
97	Netilmicin cerebrospinal fluid concentrations after an intravenous infusion of 400 mg in patients without meningeal inflammation. Journal of Antimicrobial Chemotherapy, 1993, 32, 893-896.	3.0	13
98	Fungal encephalitis in human autopsy cases is associated with extensive neuronal damage but only minimal repair. Neuropathology and Applied Neurobiology, 2014, 40, 610-627.	3.2	13
99	Recurrent systemic infections with Streptococcus pneumoniae do not aggravate the course of experimental neurodegenerative diseases. Journal of Neuroscience Research, 2010, 88, 1124-1136.	2.9	12
100	Long-Term Intrathecal Infusion of Outer Surface Protein C FromBorrelia burgdorferiCauses Axonal Damage. Journal of Neuropathology and Experimental Neurology, 2011, 70, 748-757.	1.7	12
101	Understanding and reducing the prescription of hypnotics and sedatives at the interface of hospital care and general practice: a protocol for a mixed-methods study. BMJ Open, 2016, 6, e011908.	1.9	12
102	Magnesium therapy improves outcome in <scp>Streptococcus pneumoniae</scp> meningitis by altering pneumolysin pore formation. British Journal of Pharmacology, 2017, 174, 4295-4307.	5.4	12
103	Searching for Antipneumococcal Targets: Choline-Binding Modules as Phagocytosis Enhancers. ACS Infectious Diseases, 2020, 6, 954-974.	3.8	12
104	Inverse correlation between disappearance of intrathecally injected 111In-DTPA from CSF with CSF protein content and CSF-to-serum albumin ratio. Journal of the Neurological Sciences, 1993, 115, 102-104.	0.6	11
105	Increased glutamine synthetase immunoreactivity in experimental pneumococcal meningitis. Acta Neuropathologica, 1997, 93, 215-218.	7.7	11
106	Minocycline delays but does not attenuate the course of experimental autoimmune encephalomyelitis in Streptococcus pneumoniae-infected mice. Journal of Antimicrobial Chemotherapy, 2006, 59, 74-79.	3.0	11
107	Thioredoxins and Methionine Sulfoxide Reductases in the Pathophysiology of Pneumococcal Meningitis. Journal of Infectious Diseases, 2016, 214, 953-961.	4.0	11
108	Regulation of Matrix Metalloproteinase Expression in Endothelial Cells by Heat-Inactivated Streptococcus pneumoniae. Infection and Immunity, 2001, 69, 1914-1916.	2.2	10

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109	Experimental Pneumococcal Meningitis: Impaired Clearance of Bacteria from the Blood Due to Increased Apoptosis in the Spleen in Bcl-2-Deficient Mice. Infection and Immunity, 2004, 72, 3113-3119.	2.2	10
110	Enriched environment fails to increase meningitisâ€induced neurogenesis and spatial memory in a mouse model of pneumococcal meningitis. Journal of Neuroscience Research, 2009, 87, 1877-1883.	2.9	10
111	Follistatin Does Not Influence the Course of Escherichia coli K1 Sepsis in a Mouse Model. Shock, 2012, 38, 615-619.	2.1	9
112	Vitamin D deficiency decreases survival of bacterial meningoencephalitis in mice. Journal of Neuroinflammation, 2015, 12, 208.	7.2	9
113	The Early Adaptive Immune Response in the Pathophysiological Process of Pneumococcal Meningitis. Journal of Infectious Diseases, 2017, 215, 150-158.	4.0	9
114	The interplay of context factors in hypnotic and sedative prescription in primary and secondary careâ€"a qualitative study. European Journal of Clinical Pharmacology, 2019, 75, 87-97.	1.9	9
115	Spatial and temporal variation of routine parameters: pitfalls in the cerebrospinal fluid analysis in central nervous system infections. Journal of Neuroinflammation, 2022, 19, .	7.2	9
116	Meningoencephalitis with Septic Intracerebral Infarction: A New Feature of CNS Listeriosis. Scandinavian Journal of Infectious Diseases, 1990, 22, 101-103.	1.5	7
117	Moxifloxacin in Experimental <I>Streptococcus pneumoniae</I> Cerebritis and Meningitis. Neurocritical Care, 2005, 2, 325-329.	2.4	7
118	No Neuroprotective Effect of Erythropoietin Under Clinical Treatment Conditions in a Rabbit Model of Escherichia coli Meningitis. Pediatric Research, 2007, 62, 680-683.	2.3	7
119	Astrocytes Enhance Streptococcus suis-Glial Cell Interaction in Primary Astrocyte-Microglial Cell Co-Cultures. Pathogens, 2016, 5, 43.	2.8	7
120	Patientâ€reported factors associated with the desire to continue taking sleepâ€inducing drugs after hospital discharge: A survey of older adults. Pharmacoepidemiology and Drug Safety, 2019, 28, 1014-1022.	1.9	7
121	Central nervous system infections and antimicrobial resistance: an evolving challenge. Current Opinion in Neurology, 2021, 34, 456-467.	3.6	6
122	Influence of Subinhibitory Concentrations of Protein-Synthesis-Inhibiting Antibiotics on Production and Release of the Pneumococcal Virulence Factor Pneumolysin in vitro. Chemotherapy, 2007, 53, 327-331.	1.6	5
123	Intrathecal Treatment with the Anti-Phosphorylcholine Monoclonal Antibody TEPC-15 Decreases Neuronal Damage in Experimental Pneumococcal Meningitis. Chemotherapy, 2012, 58, 212-216.	1.6	5
124	The inflammatory response and neuronal injury in Streptococcus suis meningitis. BMC Infectious Diseases, 2018, 18, 297.	2.9	5
125	Comparing Cathelicidin Susceptibility of the Meningitis Pathogens Streptococcus suis and Escherichia coli in Culture Medium in Contrast to Porcine or Human Cerebrospinal Fluid. Frontiers in Microbiology, 2019, 10, 2911.	3.5	5
126	Long-term neuropsychological deficits after central nervous system infections despite adequate therapy. Journal of Neurology, 2007, 254, II80-II83.	3.6	4

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127	Entry of tromethamine into the cerebrospinal fluid of humans after cerebrovascular events. Clinical Pharmacology and Therapeutics, 1999, 66, 25-32.	4.7	3
128	Absence ofStreptococcus pneumoniaein pharyngeal swabs of geriatric inpatients. Infectious Diseases, 2015, 47, 504-509.	2.8	3
129	Cisterno-lumbar gradient of complement fractions in geriatric patients with suspected normal pressure hydrocephalus. Clinica Chimica Acta, 2018, 486, 1-7.	1.1	3
130	Intracerebral Infection with E. coli Impairs Spatial Learning and Induces Necrosis of Hippocampal Neurons in the Tg2576 Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease Reports, 2022, 6, 101-114.	2.2	3
131	Neuronale SchÃden bei der bakteriellen Meningitis â€“ Entstehungsmechanismen und mÃ¶gliche Konsequenzen fÃ¼r die Behandlung. E-Neuroforum, 2003, 9, 4-10.	0.1	2
132	Oligodeoxynucleotides containing unmethylated cytosine-guanine motifs are effective immunostimulants against pneumococcal meningitis in the immunocompetent and neutropenic host. Journal of Neuroinflammation, 2021, 18, 39.	7.2	2
133	Systemic Escherichia coli infection does not influence clinical symptoms and neurodegeneration in experimental autoimmune encephalomyelitis. BMC Neuroscience, 2015, 16, 36.	1.9	1
134	Neural Injury and Repair in a Novel Neonatal Mouse Model of Listeria Monocytogenes Meningoencephalitis. Journal of Neuropathology and Experimental Neurology, 2021, 80, 861-867.	1.7	1
135	Chronic Candida albicans meningitis misdiagnosed as polymyalgia rheumatica and successfully treated with voriconazole. Clinical Case Reports (discontinued), 2022, 10, e05664.	0.5	1
136	Sepsis, septische Enzephalopathie und septische Herdenzephalitis. , 2021, , 333-340.		0
137	Infektionserkrankungen von Gehirn, RÃ¼ckenmark und Meningen. , 2005, , 421-447.		0
138	Infektionen und Nervensystem in der Geriatrie. , 2019, , 303-318.		0
139	Calculated parenteral initial therapy of bacterial infections: Bacterial meningitis. GMS Infectious Diseases, 2020, 8, Doc07.	0.8	0
140	Reducing the use of sleep-inducing drugs during hospitalisation by a multi-faceted intervention: a pilot study. European Journal of Hospital Pharmacy, 2024, 31, 117-123.	1.1	0