

Ralf A Linker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2286775/publications.pdf>

Version: 2024-02-01

86
papers

6,999
citations

201674

27
h-index

60623

81
g-index

89
all docs

89
docs citations

89
times ranked

10728
citing authors

#	ARTICLE	IF	CITATIONS
1	Low stroke incidence in the TEMPiS telestroke network during COVID-19 pandemic: Effect of lockdown on thrombolysis and thrombectomy. <i>Journal of Telemedicine and Telecare</i> , 2022, 28, 481-487.	2.7	16
2	Longitudinal Sodium ²³ MRI of Multiple Sclerosis Lesions: Is there Added Value of Sodium Inversion Recovery ²³ MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 140-151.	3.4	6
3	Antibodies against viral nucleo-, phospho-, and X protein contribute to serological diagnosis of fatal Borna disease virus 1 infections. <i>Cell Reports Medicine</i> , 2022, 3, 100499.	6.5	16
4	Recurrent vertebrobasilar strokes and transient-ischemic attacks with challenging workup: Case report. <i>Brain Circulation</i> , 2022, 8, 50.	1.8	0
5	Seronegative myasthenic crisis: a multicenter analysis. <i>Journal of Neurology</i> , 2022, 269, 3904-3911.	3.6	12
6	Transcranial Doppler sonography and the effect of haematopoietic stem cell transplantation in sickle cell disease. <i>Neurological Research and Practice</i> , 2022, 4, 12.	2.0	3
7	Association Between Use of a Flying Intervention Team vs Patient Interhospital Transfer and Time to Endovascular Thrombectomy Among Patients With Acute Ischemic Stroke in Nonurban Germany. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1795.	7.4	31
8	Validation Study for Non-Invasive Prediction of IDH Mutation Status in Patients with Glioma Using In Vivo 1H-Magnetic Resonance Spectroscopy and Machine Learning. <i>Cancers</i> , 2022, 14, 2762.	3.7	3
9	Cardiovascular fingolimod effects on rapid baroreceptor unloading are counterbalanced by baroreflex resetting. <i>Neurological Sciences</i> , 2021, 42, 111-121.	1.9	1
10	A Nation-Wide, Multi-Center Study on the Quality of Life of ALS Patients in Germany. <i>Brain Sciences</i> , 2021, 11, 372.	2.3	15
11	Case report of a complicated neurologically manifesting acute porphyria treated successfully with Civosiran. <i>Journal of the Neurological Sciences</i> , 2021, 422, 117334.	0.6	2
12	MuSK-antibodies are associated with worse outcome in myasthenic crisis requiring mechanical ventilation. <i>Journal of Neurology</i> , 2021, 268, 4824-4833.	3.6	19
13	Informal Caregiving in Amyotrophic Lateral Sclerosis (ALS): A High Caregiver Burden and Drastic Consequences on Caregivers' Lives. <i>Brain Sciences</i> , 2021, 11, 748.	2.3	30
14	Cerebrovascular Risk Factors in Possible or Probable Cerebral Amyloid Angiopathy, Modifier or Bystander?. <i>Frontiers in Neurology</i> , 2021, 12, 676931.	2.4	2
15	Index event of cerebral amyloid angiopathy (CAA) determines long-term prognosis and recurrent events (retrospective analysis and clinical follow-up). <i>Neurological Research and Practice</i> , 2021, 3, 51.	2.0	2
16	Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
17	Voxel-wise lesion mapping of self-reported urinary incontinence in multiple sclerosis. <i>Neurourology and Urodynamics</i> , 2020, 39, 295-302.	1.5	3
18	Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999-2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 467-477.	9.1	96

#	ARTICLE	IF	CITATIONS
19	Objective sensor-based gait measures reflect motor impairment in multiple sclerosis patients: Reliability and clinical validation of a wearable sensor device. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 39, 101903.	2.0	29
20	Autoimmune diseases and immunosuppressive therapy in relation to the risk of glioma. <i>Cancer Medicine</i> , 2020, 9, 1263-1275.	2.8	11
21	Normal Age- and Sex-Related Values of the Optic Nerve Sheath Diameter and Its Dependency on Position and Positive End-Expiratory Pressure. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3279-3285.	1.5	12
22	Longer-term effects of intravenous immunoglobulin treatment in chronic inflammatory demyelinating polyneuropathy: Who benefits?. <i>Journal of the Neurological Sciences</i> , 2020, 419, 117169.	0.6	3
23	Genetic determinants of the humoral immune response in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, e827.	6.0	7
24	Non-Invasive Prediction of IDH Mutation in Patients with Glioma WHO II/III/IV Based on F-18-FET PET-Guided In Vivo 1H-Magnetic Resonance Spectroscopy and Machine Learning. <i>Cancers</i> , 2020, 12, 3406.	3.7	17
25	Oral Health, Oral Microbiota, and Incidence of Stroke-Associated Pneumonia—A Prospective Observational Study. <i>Frontiers in Neurology</i> , 2020, 11, 528056.	2.4	20
26	The role of the gut microbiota and microbial metabolites in neuroinflammation. <i>European Journal of Immunology</i> , 2020, 50, 1863-1870.	2.9	32
27	Cerebrospinal fluid findings in COVID-19 patients with neurological symptoms. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117090.	0.6	125
28	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. <i>EBioMedicine</i> , 2020, 56, 102807.	6.1	67
29	The transitional phase of multiple sclerosis: Characterization and conceptual framework. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 44, 102242.	2.0	12
30	Is APOE ϵ 4 associated with cognitive performance in early MS?. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, e728.	6.0	11
31	Real world application of ocrelizumab in multiple sclerosis: Single-center experience of 128 patients. <i>Journal of the Neurological Sciences</i> , 2020, 415, 116973.	0.6	17
32	Propionic Acid Shapes the Multiple Sclerosis Disease Course by an Immunomodulatory Mechanism. <i>Cell</i> , 2020, 180, 1067-1080.e16.	28.9	367
33	alpha-Synuclein: a Modulator During Inflammatory CNS Demyelination. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1038-1049.	2.3	12
34	Neuromonitoring Using Neurosonography and Pupillometry in A Weaning and Early Neurorehabilitation Unit. <i>Journal of Neuroimaging</i> , 2020, 30, 631-639.	2.0	3
35	Functional role of endogenous Kv1.4 in experimental demyelination. <i>Journal of Neuroimmunology</i> , 2020, 343, 577227.	2.3	4
36	Longitudinal prevalence and determinants of pain in multiple sclerosis: results from the German National Multiple Sclerosis Cohort study. <i>Pain</i> , 2020, 161, 787-796.	4.2	29

#	ARTICLE	IF	CITATIONS
37	Interdisciplinary Decision Making in Hemorrhagic Stroke Based on CT Imaging—Differences Between Neurologists and Neurosurgeons Regarding Estimation of Patients' Symptoms, Glasgow Coma Scale, and National Institutes of Health Stroke Scale. <i>Frontiers in Neurology</i> , 2019, 10, 997.	2.4	4
38	Long-Term Follow-Up of Cerebral Amyloid Angiopathy-Associated Intracranial Hemorrhage Reveals a High Prevalence of Atrial Fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104342.	1.6	11
39	MAdCAM-1-Mediated Intestinal Lymphocyte Homing Is Critical for the Development of Active Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2019, 10, 903.	4.8	17
40	Clinical trials in multiple sclerosis: potential future trial designs. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641984709.	3.5	10
41	Navigating choice in multiple sclerosis management. <i>Neurological Research and Practice</i> , 2019, 1, 5.	2.0	10
42	Potential of Sodium MRI as a Biomarker for Neurodegeneration and Neuroinflammation in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 84.	2.4	51
43	Efficacy and safety of alemtuzumab versus fingolimod in RRMS after natalizumab cessation. <i>Journal of Neurology</i> , 2019, 266, 165-173.	3.6	20
44	Immune cell derived BDNF does not mediate neuroprotection of the murine anti-CD52 antibody in a chronic autoimmune mouse model. <i>Journal of Neuroimmunology</i> , 2019, 328, 78-85.	2.3	5
45	Sodium in the microenvironment regulates immune responses and tissue homeostasis. <i>Nature Reviews Immunology</i> , 2019, 19, 243-254.	22.7	100
46	Diagnostic value of the 2017 McDonald criteria in patients with a first demyelinating event suggestive of relapsing—remitting multiple sclerosis. <i>European Journal of Neurology</i> , 2019, 26, 540-545.	3.3	27
47	No evidence of disease activity status over 3 years in a real-world cohort of relapsing remitting MS patients in Germany. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 133-138.	2.0	11
48	Impacts of microbiome metabolites on immune regulation and autoimmunity. <i>Immunology</i> , 2018, 154, 230-238.	4.4	185
49	Insular multiple sclerosis lesions are associated with erectile dysfunction. <i>Journal of Neurology</i> , 2018, 265, 783-792.	3.6	20
50	Alemtuzumab as rescue therapy in a cohort of 50 relapsing—remitting MS patients with breakthrough disease on fingolimod: a multi-center observational study. <i>Journal of Neurology</i> , 2018, 265, 1521-1527.	3.6	33
51	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2018, 5, e446.	6.0	54
52	FLAIRfusion Processing with Contrast Inversion. <i>Clinical Neuroradiology</i> , 2018, 28, 367-376.	1.9	9
53	Supratentorial lesions contribute to trigeminal neuralgia in multiple sclerosis. <i>Cephalalgia</i> , 2018, 38, 1326-1334.	3.9	13
54	Brain MRI Lesions are Related to Bowel Incontinence in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 29, 211-217.	2.0	5

#	ARTICLE	IF	CITATIONS
55	Sexual Dysfunction Seems to Trigger Depression in Female Multiple Sclerosis Patients. <i>European Neurology</i> , 2018, 80, 34-41.	1.4	17
56	Apheresis therapies for NMOSD attacks. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e504.	6.0	173
57	Microscopic polyangiitis after alemtuzumab treatment in relapsing-remitting MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e488.	6.0	12
58	Lesion correlates of secondary paroxysmal dyskinesia in multiple sclerosis. <i>Journal of Neurology</i> , 2018, 265, 2277-2283.	3.6	7
59	Good outcome of brain stem progressive multifocal leukoencephalopathy in an immunosuppressed renal transplant patient: Importance of early detection and rapid immune reconstitution. <i>Journal of the Neurological Sciences</i> , 2017, 375, 76-79.	0.6	8
60	Fingolimod initiation in multiple sclerosis patients is associated with potential beneficial cardiovascular autonomic effects. <i>Therapeutic Advances in Neurological Disorders</i> , 2017, 10, 191-209.	3.5	15
61	²³ Na MRI reveals persistent sodium accumulation in tumefactive MS lesions. <i>Journal of the Neurological Sciences</i> , 2017, 379, 163-166.	0.6	11
62	Salt-responsive gut commensal modulates TH17 axis and disease. <i>Nature</i> , 2017, 551, 585-589.	27.8	896
63	Role of Nuclear Factor (Erythroid-Derived 2)-Like 2 Signaling for Effects of Fumaric Acid Esters on Dendritic Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1922.	4.8	15
64	Impact of combined sodium chloride and saturated long-chain fatty acid challenge on the differentiation of T helper cells in neuroinflammation. <i>Journal of Neuroinflammation</i> , 2017, 14, 184.	7.2	37
65	Fingolimod effects in neuroinflammation: Regulation of astroglial glutamate transporters?. <i>PLoS ONE</i> , 2017, 12, e0171552.	2.5	20
66	Î±-Synuclein deficiency promotes neuroinflammation by increasing Th1 cell-mediated immune responses. <i>Journal of Neuroinflammation</i> , 2016, 13, 201.	7.2	21
67	Neuroanatomic Correlates of Female Sexual Dysfunction in Multiple Sclerosis. <i>Annals of Neurology</i> , 2016, 80, 490-498.	5.3	32
68	Pivotal Role for CD16+ Monocytes in Immune Surveillance of the Central Nervous System. <i>Journal of Immunology</i> , 2016, 196, 1558-1567.	0.8	96
69	High salt drives Th17 responses in experimental autoimmune encephalomyelitis without impacting myeloid dendritic cells. <i>Experimental Neurology</i> , 2016, 279, 212-222.	4.1	56
70	Multiple sclerosis in families: risk factors beyond known genetic polymorphisms. <i>Neurogenetics</i> , 2016, 17, 131-135.	1.4	4
71	Baseline Magnetic Resonance Imaging of the Optic Nerve Provides Limited Predictive Information on Short-Term Recovery after Acute Optic Neuritis. <i>PLoS ONE</i> , 2015, 10, e0113961.	2.5	21
72	Central Autonomic Dysfunction Delays Recovery of Fingolimod Induced Heart Rate Slowing. <i>PLoS ONE</i> , 2015, 10, e0132139.	2.5	23

#	ARTICLE	IF	CITATIONS
73	Dietary Fatty Acids Directly Impact Central Nervous System Autoimmunity via the Small Intestine. <i>Immunity</i> , 2015, 43, 817-829.	14.3	637
74	High salt reduces the activation of IL-4 ⁺ and IL-13 ⁺ stimulated macrophages. <i>Journal of Clinical Investigation</i> , 2015, 125, 4223-4238.	8.2	229
75	Fatal lymphomatoid granulomatosis with primary CNS-involvement in an immunocompetent 80-year-old woman. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014206825-bcr2014206825.	0.5	7
76	Role of "Western Diet" in Inflammatory Autoimmune Diseases. <i>Current Allergy and Asthma Reports</i> , 2014, 14, 404.	5.3	341
77	Possible second motor neuron damage in neuromyelitis optica. <i>Clinical Neurophysiology</i> , 2014, 125, 859-861.	1.5	8
78	Sodium chloride drives autoimmune disease by the induction of pathogenic TH17 cells. <i>Nature</i> , 2013, 496, 518-522.	27.8	1,136
79	Fumaric acid esters exert neuroprotective effects in neuroinflammation via activation of the Nrf2 antioxidant pathway. <i>Brain</i> , 2011, 134, 678-692.	7.6	942
80	Functional role of brain-derived neurotrophic factor in neuroprotective autoimmunity: therapeutic implications in a model of multiple sclerosis. <i>Brain</i> , 2010, 133, 2248-2263.	7.6	180
81	Function of Neurotrophic Factors Beyond the Nervous System: Inflammation and Autoimmune Demyelination. <i>Critical Reviews in Immunology</i> , 2009, 29, 43-68.	0.5	123
82	Models of autoimmune demyelination in the central nervous system: on the way to translational medicine. <i>Experimental & Translational Stroke Medicine</i> , 2009, 1, 5.	3.2	29
83	Subcutaneous immunoglobulin infusion: A new therapeutic option in chronic inflammatory demyelinating polyneuropathy. <i>Muscle and Nerve</i> , 2008, 37, 406-409.	2.2	94
84	IL-6 transsignalling modulates the early effector phase of EAE and targets the blood-brain barrier. <i>Journal of Neuroimmunology</i> , 2008, 205, 64-72.	2.3	60
85	Identification and development of new therapeutics for multiple sclerosis. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 558-565.	8.7	61
86	Is there a role for neurotrophins in the pathology of multiple sclerosis?. <i>Journal of Neurology</i> , 2007, 254, 133-140.	3.6	17