Olivier Scheidegger

List of Publications by Year
in descending order

57	3,567	304602 22	189801 50
papers	citations	h-index	g-index

62	62	62	4004
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guillain-BarrÃ© syndrome. Lancet, The, 2016, 388, 717-727.	6.3	1,076
2	A clinical prognostic scoring system for Guillain-BarrÃ© syndrome. Lancet Neurology, The, 2007, 6, 589-594.	4.9	311
3	Campylobacter jejuniinfections and anti-GM1 antibodies in guillain-barrÃ© syndrome. Annals of Neurology, 1996, 40, 181-187.	2.8	291
4	Guillain-BarrÃ© syndrome associated with preceding hepatitis E virus infection. Neurology, 2014, 82, 491-497.	1.5	205
5	Regional variation of Guillain-BarrÃ© syndrome. Brain, 2018, 141, 2866-2877.	3.7	190
6	Mortality in Guillain-BarrÃ© syndrome. Neurology, 2013, 80, 1650-1654.	1.5	177
7	Skeletal Muscle Quantitative Nuclear Magnetic Resonance Imaging and Spectroscopy as an Outcome Measure for Clinical Trials. Journal of Neuromuscular Diseases, 2016, 3, 1-28.	1.1	129
8	Guillain-BarrÃ© syndrome in SARS-CoV-2 infection: an instant systematic review of the first six months of pandemic. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1105-1110.	0.9	119
9	Robotic cochlear implantation: surgical procedure and first clinical experience. Acta Oto-Laryngologica, 2017, 137, 447-454.	0.3	94
10	International Guillainâ€BarrÃ© Syndrome Outcome Study: protocol of a prospective observational cohort study on clinical and biological predictors of disease course and outcome in Guillainâ€BarrÃ© syndrome. Journal of the Peripheral Nervous System, 2017, 22, 68-76.	1.4	89
11	COVID-19 vaccine and Guillain-BarrÃ© syndrome: letâ€™s not leap to associations. Brain, 2021, 144, 357-360.	3.7	77
12	Instrument flight to the inner ear. Science Robotics, 2017, 2, .	9.9	75
13	Robotic middle ear access for cochlear implantation: First in man. PLoS ONE, 2019, 14, e0220543.	1.1	67
14	Muscle membrane dysfunction in critical illness myopathy assessed by velocity recovery cycles. Clinical Neurophysiology, 2011, 122, 834-841.	0.7	59
15	Exploration of New Contrasts, Targets, and MR Imaging and Spectroscopy Techniques for Neuromuscular Disease â€“ A Workshop Report of Working Group 3 of the Biomedicine and Molecular Biosciences COST Action BM1304 MYO-MRI. Journal of Neuromuscular Diseases, 2019, 6, 1-30.	1.1	46
16	European muscle MRI study in limb girdle muscular dystrophy type R1/2A (LGMDR1/LGMD2A). Journal of Neurology, 2020, 267, 45-56.	1.8	43
17	Guillain-BarrÃ© syndrome related to Zika virus infection: AÂsystematic review and meta-analysis of the clinical and electrophysiological phenotype. PLoS Neglected Tropical Diseases, 2020, 14, e0008264.	1.3	41
18	Guillain-BarrÃ© syndrome after SARS-CoV-2 infection in an international prospective cohort study. Brain, 2021, 144, 3392-3404.	3.7	39

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19	Guillain-BarrÃ© syndrome following varicella-zoster virus infection. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 511-518.	1.3	36
20	Segmentation of Peripheral Nerves From Magnetic Resonance Neurography: A Fully-Automatic, Deep Learning-Based Approach. Frontiers in Neurology, 2018, 9, 777.	1.1	30
21	Uniform approach to linear and nonlinear interrelation patterns in multivariate time series. Physical Review E, 2011, 83, 066215.	0.8	27
22	Magnetic Resonance Fingerprinting Reconstruction via Spatiotemporal Convolutional Neural Networks. Lecture Notes in Computer Science, 2018, , 39-46.	1.0	26
23	Corticospinal output during muscular fatigue differs in multiple sclerosis patients compared to healthy controls. Multiple Sclerosis Journal, 2012, 18, 1500-1506.	1.4	25
24	pymia: A Python package for data handling and evaluation in deep learning-based medical image analysis. Computer Methods and Programs in Biomedicine, 2021, 198, 105796.	2.6	25
25	Guillain-BarrÃ© syndrome: expanding the concept of molecular mimicry. Trends in Immunology, 2022, 43, 296-308.	2.9	24
26	Neuralgic amyotrophy associated with Bartonella henselae infection. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 707-708.	0.9	22
27	Survival and Motor Phenotypes in FVB C9-500 ALS/FTD BAC Transgenic Mice Reproduced by Multiple Labs. Neuron, 2020, 108, 784-796.e3.	3.8	22
28	Spatially regularized parametric map reconstruction for fast magnetic resonance fingerprinting. Medical Image Analysis, 2020, 64, 101741.	7.0	20
29	Ultrasound-guided needle positioning in sensory nerve conduction study of the sural nerve. Clinical Neurophysiology, 2009, 120, 1342-1345.	0.7	19
30	Optimized quantitative magnetic resonance spectroscopy for clinical routine. Magnetic Resonance in Medicine, 2013, 70, 25-32.	1.9	17
31	Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. Annals of Biomedical Engineering, 2018, 46, 1568-1581.	1.3	17
32	Widespread grey matter changes and hemodynamic correlates to interictal epileptiform discharges in pharmacoresistant mesial temporal epilepsy. Journal of Neurology, 2013, 260, 1601-1610.	1.8	15
33	36-Months follow-up assessment after cessation and resuming of enzyme replacement therapy in late onset Pompe disease: data from the Swiss Pompe Registry. Journal of Neurology, 2018, 265, 2783-2788.	1.8	15
34	Localizing Seizure-Onset Zones in Presurgical Evaluation of Drug-Resistant Epilepsy by Electroencephalography/fMRI: Effectiveness of Alternative Thresholding Strategies. American Journal of Neuroradiology, 2012, 33, 1818-1824.	1.2	14
35	Corticospinal output and loss of force during motor fatigue. Experimental Brain Research, 2009, 197, 111-123.	0.7	13
36	Epileptogenic Developmental Venous Anomaly. Clinical EEG and Neuroscience, 2013, 44, 157-160.	0.9	10

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37	Learning Shape Representation on Sparse Point Clouds for Volumetric Image Segmentation. Lecture Notes in Computer Science, 2019, , 273-281.	1.0	10
38	Reproducibility of sensory nerve conduction studies of the sural nerve using ultrasoundâ€guided needle positioning. Muscle and Nerve, 2011, 44, 873-876.	1.0	8
39	Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. Frontiers in Surgery, 2019, 6, 58.	0.6	8
40	Intrathecal Anti-GalC Antibodies in Bickerstaff Brain Stem Encephalitis. Neuropediatrics, 2015, 46, 428-430.	0.3	6
41	Sural nerve conduction studies using ultrasound-guided needle positioning: Influence of age and recording location. Muscle and Nerve, 2016, 54, 879-882.	1.0	5
42	General features of motor fatigue a review. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 2010, 161, 150-153.	0.2	3
43	Quantitative water T2 relaxometry in the early detection of neuromuscular diseases: a retrospective biopsy-controlled analysis. European Radiology, 0, , .	2.3	3
44	Simple and fast drawing of regions of interest in leg muscles NMR images. Neuromuscular Disorders, 2017, 27, S126.	0.3	2
45	Mycoplasma Pneumoniae and Antibodies against Galactocerebroside in a 9-Year-Old Boy with Encephalitis. Neuropediatrics, 2019, 50, 054-056.	0.3	2
46	Learning Bloch Simulations for MR Fingerprinting by Invertible Neural Networks. Lecture Notes in Computer Science, 2020, , 60-69.	1.0	2
47	Hot Topics on COVID-19 and Its Possible Association with Guillain-BarrÃ© Syndrome. Clinical and Translational Neuroscience, 2022, 6, 7.	0.4	2
48	Medical-Blocksâ€•A Platform for Exploration, Management, Analysis, and Sharing of Data in Biomedical Research: System Development and Integration Results. JMIR Formative Research, 2022, 6, e32287.	0.7	2
49	Nutrient pattern analysis in critically ill patients using Omics technology (NAChO) â€“ Study protocol for a prospective observational study. Medicine (United States), 2019, 98, e13937.	0.4	1
50	Imagerie et spectroscopie par rÃ©sonance magnÃ©tique nuclÃ©aire du muscle striÃ© squelettique. Les Cahiers De Myologie, 2016, , 34-67.	0.0	1
51	Pearls & Oy-sters: Bilateral mononeuropathic neuralgic amyotrophy triggered by Bartonella henselae infection responsive to intravenous immunoglobulin. Neurology, 2022, , 10.1212/WNL.0000000000200014.	1.5	1
52	Intrathecal Anti-GalC Antibodies in Bickerstaff Brain Stem Encephalitis. Neuropediatrics, 2015, 46, e1-e1.	0.3	0
53	P77. Effects of high resistance muscle training on cortico-spinal output during motor fatigue. A study using transcranial magnetic stimulation. Clinical Neurophysiology, 2015, 126, e132.	0.7	0
54	Stimulated echo DTI of skeletal muscle in Becker muscular dystrophy: a pilot study. Neuromuscular Disorders, 2017, 27, S125-S126.	0.3	0

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55	Estimation of voluntary elicited motor neuron discharge using a peripheral nerve collision technique at different contraction strengths. Clinical Neurophysiology, 2018, 129, 1579-1587.	0.7	0
56	Skeletal muscle quantitative nuclear magnetic resonance imaging and spectroscopy as an outcome measure for clinical trials (part II). Nervno-Myshechnye Bolezni, 2017, 7, 11-29.	0.2	0
57	Methodologies and MR Parameters in Quantitative Magnetic Resonance Neurography: A Scoping Review Protocol. Methods and Protocols, 2022, 5, 39.	0.9	0