

# Olivier Scheidegger

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

3,567  
citations

304602

22  
h-index

189801

50  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4004  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pearls & Oy-sters: Bilateral mononeuropathic neuralgic amyotrophy triggered by Bartonella henselae infection responsive to intravenous immunoglobulin. <i>Neurology</i> , 2022, , 10.1212/WNL.0000000000200014.	1.5	1
2	Hot Topics on COVID-19 and Its Possible Association with Guillain-Barré Syndrome. <i>Clinical and Translational Neuroscience</i> , 2022, 6, 7.	0.4	2
3	Guillain-Barré syndrome: expanding the concept of molecular mimicry. <i>Trends in Immunology</i> , 2022, 43, 296-308.	2.9	24
4	Medical-Blocksâ€•A Platform for Exploration, Management, Analysis, and Sharing of Data in Biomedical Research: System Development and Integration Results. <i>JMIR Formative Research</i> , 2022, 6, e32287.	0.7	2
5	Methodologies and MR Parameters in Quantitative Magnetic Resonance Neurography: A Scoping Review Protocol. <i>Methods and Protocols</i> , 2022, 5, 39.	0.9	0
6	COVID-19 vaccine and Guillain-Barré syndrome: letâ€™s not leap to associations. <i>Brain</i> , 2021, 144, 357-360.	3.7	77
7	pymia: A Python package for data handling and evaluation in deep learning-based medical image analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105796.	2.6	25
8	Guillain-Barré syndrome after SARS-CoV-2 infection in an international prospective cohort study. <i>Brain</i> , 2021, 144, 3392-3404.	3.7	39
9	European muscle MRI study in limb girdle muscular dystrophy type R1/2A (LGMDR1/LGMD2A). <i>Journal of Neurology</i> , 2020, 267, 45-56.	1.8	43
10	Survival and Motor Phenotypes in FVB C9-500 ALS/FTD BAC Transgenic Mice Reproduced by Multiple Labs. <i>Neuron</i> , 2020, 108, 784-796.e3.	3.8	22
11	Guillain-Barré syndrome in SARS-CoV-2 infection: an instant systematic review of the first six months of pandemic. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1105-1110.	0.9	119
12	Spatially regularized parametric map reconstruction for fast magnetic resonance fingerprinting. <i>Medical Image Analysis</i> , 2020, 64, 101741.	7.0	20
13	Guillain-Barré syndrome related to Zika virus infection: A systematic review and meta-analysis of the clinical and electrophysiological phenotype. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008264.	1.3	41
14	Learning Bloch Simulations for MR Fingerprinting by Invertible Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 60-69.	1.0	2
15	Robotic middle ear access for cochlear implantation: First in man. <i>PLoS ONE</i> , 2019, 14, e0220543.	1.1	67
16	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. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 1-30.	1.1	46
17	Nutrient pattern analysis in critically ill patients using Omics technology (NACHO) â€• Study protocol for a prospective observational study. <i>Medicine (United States)</i> , 2019, 98, e13937.	0.4	1
18	Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. <i>Frontiers in Surgery</i> , 2019, 6, 58.	0.6	8

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19	Mycoplasma Pneumoniae and Antibodies against Galactocerebroside in a 9-Year-Old Boy with Encephalitis. <i>Neuropediatrics</i> , 2019, 50, 054-056.	0.3	2
20	Learning Shape Representation on Sparse Point Clouds for Volumetric Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 273-281.	1.0	10
21	Guillain-Barré syndrome following varicella-zoster virus infection. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 511-518.	1.3	36
22	36-Months follow-up assessment after cessation and resuming of enzyme replacement therapy in late onset Pompe disease: data from the Swiss Pompe Registry. <i>Journal of Neurology</i> , 2018, 265, 2783-2788.	1.8	15
23	Regional variation of Guillain-Barré syndrome. <i>Brain</i> , 2018, 141, 2866-2877.	3.7	190
24	Segmentation of Peripheral Nerves From Magnetic Resonance Neurography: A Fully-Automatic, Deep Learning-Based Approach. <i>Frontiers in Neurology</i> , 2018, 9, 777.	1.1	30
25	Estimation of voluntary elicited motor neuron discharge using a peripheral nerve collision technique at different contraction strengths. <i>Clinical Neurophysiology</i> , 2018, 129, 1579-1587.	0.7	0
26	Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1568-1581.	1.3	17
27	Magnetic Resonance Fingerprinting Reconstruction via Spatiotemporal Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018, , 39-46.	1.0	26
28	Robotic cochlear implantation: surgical procedure and first clinical experience. <i>Acta Oto-Laryngologica</i> , 2017, 137, 447-454.	0.3	94
29	International Guillain-Barré Syndrome Outcome Study: protocol of a prospective observational cohort study on clinical and biological predictors of disease course and outcome in Guillain-Barré syndrome. <i>Journal of the Peripheral Nervous System</i> , 2017, 22, 68-76.	1.4	89
30	Instrument flight to the inner ear. <i>Science Robotics</i> , 2017, 2, .	9.9	75
31	Stimulated echo DTI of skeletal muscle in Becker muscular dystrophy: a pilot study. <i>Neuromuscular Disorders</i> , 2017, 27, S125-S126.	0.3	0
32	Simple and fast drawing of regions of interest in leg muscles NMR images. <i>Neuromuscular Disorders</i> , 2017, 27, S126.	0.3	2
33	Skeletal muscle quantitative nuclear magnetic resonance imaging and spectroscopy as an outcome measure for clinical trials (part II). <i>Nervno-Myshechnye Bolezni</i> , 2017, 7, 11-29.	0.2	0
34	Sural nerve conduction studies using ultrasound-guided needle positioning: Influence of age and recording location. <i>Muscle and Nerve</i> , 2016, 54, 879-882.	1.0	5
35	Skeletal Muscle Quantitative Nuclear Magnetic Resonance Imaging and Spectroscopy as an Outcome Measure for Clinical Trials. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 1-28.	1.1	129
36	Guillain-Barré syndrome. <i>Lancet</i> , The, 2016, 388, 717-727.	6.3	1,076

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37	Imagerie et spectroscopie par r�sonance magn�tique nucl�aire du muscle stri� squelettique. Les Cahiers De Myologie, 2016, , 34-67.	0.0	1
38	Intrathecal Anti-GalC Antibodies in Bickerstaff Brain Stem Encephalitis. Neuropediatrics, 2015, 46, e1-e1.	0.3	0
39	Intrathecal Anti-GalC Antibodies in Bickerstaff Brain Stem Encephalitis. Neuropediatrics, 2015, 46, 428-430.	0.3	6
40	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
41	Guillain-Barr� syndrome associated with preceding hepatitis E virus infection. Neurology, 2014, 82, 491-497.	1.5	205
42	Widespread grey matter changes and hemodynamic correlates to interictal epileptiform discharges in pharmaco-resistant mesial temporal epilepsy. Journal of Neurology, 2013, 260, 1601-1610.	1.8	15
43	Optimized quantitative magnetic resonance spectroscopy for clinical routine. Magnetic Resonance in Medicine, 2013, 70, 25-32.	1.9	17
44	Mortality in Guillain-Barr� syndrome. Neurology, 2013, 80, 1650-1654.	1.5	177
45	Epileptogenic Developmental Venous Anomaly. Clinical EEG and Neuroscience, 2013, 44, 157-160.	0.9	10
46	Corticospinal output during muscular fatigue differs in multiple sclerosis patients compared to healthy controls. Multiple Sclerosis Journal, 2012, 18, 1500-1506.	1.4	25
47	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
48	Uniform approach to linear and nonlinear interrelation patterns in multivariate time series. Physical Review E, 2011, 83, 066215.	0.8	27
49	Muscle membrane dysfunction in critical illness myopathy assessed by velocity recovery cycles. Clinical Neurophysiology, 2011, 122, 834-841.	0.7	59
50	Reproducibility of sensory nerve conduction studies of the sural nerve using ultrasound�guided needle positioning. Muscle and Nerve, 2011, 44, 873-876.	1.0	8
51	Neuralgic amyotrophy associated with Bartonella henselae infection. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 707-708.	0.9	22
52	General features of motor fatigue a review. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 2010, 161, 150-153.	0.2	3
53	Corticospinal output and loss of force during motor fatigue. Experimental Brain Research, 2009, 197, 111-123.	0.7	13
54	Ultrasound-guided needle positioning in sensory nerve conduction study of the sural nerve. Clinical Neurophysiology, 2009, 120, 1342-1345.	0.7	19

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55	A clinical prognostic scoring system for Guillain-Barré syndrome. Lancet Neurology, The, 2007, 6, 589-594.	4.9	311
56	Campylobacter jejuni infections and anti-GM1 antibodies in guillain-barré syndrome. Annals of Neurology, 1996, 40, 181-187.	2.8	291
57	Quantitative water T2 relaxometry in the early detection of neuromuscular diseases: a retrospective biopsy-controlled analysis. European Radiology, 0, , .	2.3	3