

# Antonin Skoch

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,994  
citations

471371

17  
h-index

360920

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	0.7	627
2	Vegetarian diet improves insulin resistance and oxidative stress markers more than conventional diet in subjects with Type 2 diabetes. <i>Diabetic Medicine</i> , 2011, 28, 549-559.	1.2	219
3	Potential of MR spectroscopy for assessment of glioma grading. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 146-153.	0.6	172
4	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	6.0	136
5	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	2.1	135
6	Diffusion tensor imaging and MR morphometry of the central auditory pathway and auditory cortex in aging. <i>Neuroscience</i> , 2014, 260, 87-97.	1.1	89
7	FitzHugh-Nagumo oscillators on complex networks mimic epileptic-seizure-related synchronization phenomena. <i>Chaos</i> , 2020, 30, 123130.	1.0	74
8	Connectivity of the anterior insula differentiates participants with first-episode schizophrenia spectrum disorders from controls: a machine-learning study. <i>Psychological Medicine</i> , 2016, 46, 2695-2704.	2.7	57
9	Fractional anisotropy and mean diffusivity in the corpus callosum of patients with multiple sclerosis: the effect of physiotherapy. <i>Neuroradiology</i> , 2011, 53, 917-926.	1.1	51
10	Etiology and functional status of liver cirrhosis by <sup>31</sup> P MR spectroscopy. <i>World Journal of Gastroenterology</i> , 2005, 11, 6926.	1.4	46
11	Spectroscopic imaging: Basic principles. <i>European Journal of Radiology</i> , 2008, 67, 230-239.	1.2	46
12	Machine learning classification of first-episode schizophrenia spectrum disorders and controls using whole brain white matter fractional anisotropy. <i>BMC Psychiatry</i> , 2018, 18, 97.	1.1	33
13	Combined intervention with pioglitazone and n-3 fatty acids in metformin-treated type 2 diabetic patients: improvement of lipid metabolism. <i>Nutrition and Metabolism</i> , 2015, 12, 52.	1.3	31
14	MR relaxometry and <sup>1</sup> H MR spectroscopy for the determination of iron and metabolite concentrations in PKAN patients. <i>European Radiology</i> , 2005, 15, 1060-1068.	2.3	30
15	Intramyocellular lipid quantification from <sup>1</sup> H long echo time spectra at 1.5 and 3 T by means of the LCModel technique. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 728-735.	1.9	30
16	MR spectroscopy as a tool for in vivo determination of steatosis in liver transplant recipients. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 297-304.	1.1	27
17	<sup>1</sup> H MR spectroscopic imaging in patients with MRI-negative extratemporal epilepsy: correlation with ictal onset zone and histopathology. <i>European Radiology</i> , 2007, 17, 2126-2135.	2.3	26
18	An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium. <i>Psychological Medicine</i> , 2020, 50, 2034-2045.	2.7	18

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19	The Effect of a Vegetarian vs Conventional Hypocaloric Diabetic Diet on Thigh Adipose Tissue Distribution in Subjects with Type 2 Diabetes: A Randomized Study. <i>Journal of the American College of Nutrition</i> , 2017, 36, 364-369.	1.1	17
20	Obesity and brain structure in schizophrenia â€“ ENIGMA study in 3021 individuals. <i>Molecular Psychiatry</i> , 2022, 27, 3731-3737.	4.1	17
21	The age dependence of T <sub>2</sub> relaxation times of Nâ€acetyl aspartate, creatine and choline in the human brain at 3 and 4T. <i>NMR in Biomedicine</i> , 2016, 29, 284-292.	1.6	14
22	jSIPRO â€“ Analysis tool for magnetic resonance spectroscopic imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 112, 173-188.	2.6	13
23	Patient-Specific Network Connectivity Combined With a Next Generation Neural Mass Model to Test Clinical Hypothesis of Seizure Propagation. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 675272.	1.2	12
24	Quantitative MR imaging and spectroscopy of brain tumours: a step forward?. <i>European Radiology</i> , 2012, 22, 2307-2318.	2.3	11
25	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	0.7	11
26	The <i>in vivo</i> J-difference editing MEGAâ€PRESS technique for the detection of $\omega$ fatty acids. <i>NMR in Biomedicine</i> , 2014, 27, 1293-1299.	1.6	9
27	Could Prolonged Usage of GPS Navigation Implemented in Augmented Reality Smart Glasses Affect Hippocampal Functional Connectivity?. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	8
28	Magnetic resonance spectroscopy of the thalamus in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. <i>Epileptic Disorders</i> , 2007, 9 Suppl 1, S59-67.	0.7	7
29	Behavior of Two Almost Identical Spins during the CPMG Pulse Sequence. <i>ChemPhysChem</i> , 2010, 11, 638-645.	1.0	5
30	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	0.7	5
31	Ultralong TE In Vivo 1 H MR Spectroscopy of $\omega$ Fatty Acids in Subcutaneous Adipose Tissue at 7 T. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 71-82.	1.9	5
32	The aging effect on prostate metabolite concentrations measured by 1H MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 65-74.	1.1	1
33	Memory and medial temporal lobe structures in patients with schizophrenia and their siblings. <i>European Psychiatry</i> , 2017, 41, S389-S389.	0.1	1
34	Magnetic resonance tractography of the lumbosacral plexus. <i>Medicine (United States)</i> , 2021, 100, e24646.	0.4	1
35	Intramyocellular lipid content in subjects with impaired fasting glucose after telmisartan treatment, a randomised cross-over trial. <i>Magnetic Resonance Imaging</i> , 2016, 34, 353-358.	1.0	0
36	623. Classification of First-Episode Schizophrenia Spectrum Disorders and Controls from Whole Brain White Matter Fractional Anisotropy Using Machine Learning. <i>Biological Psychiatry</i> , 2017, 81, S252.	0.7	0

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37	Magnetic resonance markers of bilateral neuronal metabolic dysfunction in patients with unilateral internal carotid artery occlusion. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 141-151.	1.1	0