

# Agnieszka SÅ,owik

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

2,288  
citations

394421

19  
h-index

289244

40  
g-index

113  
all docs

113  
docs citations

113  
times ranked

5104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233.	21.4	552
2	Meta-analysis of Genome-wide Association Studies Identifies 1q22 as a Susceptibility Locus for Intracerebral Hemorrhage. <i>American Journal of Human Genetics</i> , 2014, 94, 511-521.	6.2	235
3	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	21.4	163
4	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. <i>Brain</i> , 2019, 142, 3176-3189.	7.6	76
5	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. <i>Stroke</i> , 2019, 50, 1734-1741.	2.0	52
6	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. <i>Nature Communications</i> , 2021, 12, 3289.	12.8	50
7	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts – The MRI-GENIE study. <i>NeuroImage: Clinical</i> , 2019, 23, 101884.	2.7	48
8	Reduced ex vivo release of pro-inflammatory cytokines and elevated plasma interleukin-6 are inflammatory signatures of post-stroke delirium. <i>Journal of Neuroinflammation</i> , 2018, 15, 111.	7.2	43
9	Association of Apolipoprotein E With Intracerebral Hemorrhage Risk by Race/Ethnicity. <i>JAMA Neurology</i> , 2019, 76, 480.	9.0	43
10	Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. <i>Stroke</i> , 2021, 52, 132-141.	2.0	36
11	Genetically Elevated $\langle \text{sc} \rangle \text{LDL} \langle / \text{sc} \rangle$ Associates with Lower Risk of Intracerebral Hemorrhage. <i>Annals of Neurology</i> , 2020, 88, 56-66.	5.3	35
12	Genetic variants in CETP increase risk of intracerebral hemorrhage. <i>Annals of Neurology</i> , 2016, 80, 730-740.	5.3	33
13	Reduction in Cerebrospinal Fluid Volume as an Early Quantitative Biomarker of Cerebral Edema After Ischemic Stroke. <i>Stroke</i> , 2020, 51, 462-467.	2.0	33
14	Plasma endotoxin activity rises during ischemic stroke and is associated with worse short-term outcome. <i>Journal of Neuroimmunology</i> , 2016, 297, 76-80.	2.3	30
15	FTIR, Raman and AFM characterization of the clinically valid biochemical parameters of the thrombi in acute ischemic stroke. <i>Scientific Reports</i> , 2019, 9, 15475.	3.3	27
16	Prospective Observational POLish Study on post-stroke delirium (PROPOLIS): methodology of hospital-based cohort study on delirium prevalence, predictors and diagnostic tools. <i>BMC Neurology</i> , 2015, 15, 94.	1.8	26
17	Repetitive transcranial magnetic stimulation for the treatment of cognitive impairment in frontotemporal dementia: an open-label pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 749-755.	2.2	26
18	Co-medication and potential drug interactions among patients with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 66, 47-52.	2.0	25

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19	Clinical course and outcome of SARS-CoV-2 infection in multiple sclerosis patients treated with disease-modifying therapies – the Polish experience. <i>Neurologia i Neurochirurgia Polska</i> , 2021, 55, 212-222.	1.2	24
20	Decompensated Heart Failure Is a Strong Independent Predictor of Functional Outcome After Ischemic Stroke. <i>Journal of Cardiac Failure</i> , 2015, 21, 642-646.	1.7	21
21	Gender-Related Differences in Diagnostic Evaluation and Outcome of Ischemic Stroke in Poland. <i>Stroke</i> , 2009, 40, 980-982.	2.0	20
22	Why do some women with epilepsy use valproic acid despite current guidelines? A single-center cohort study. <i>Epilepsy and Behavior</i> , 2019, 98, 1-5.	1.7	20
23	The association between plasma endotoxin, endotoxin pathway proteins and outcome after ischemic stroke. <i>Atherosclerosis</i> , 2018, 269, 138-143.	0.8	19
24	Association between cardiovascular disease, cardiovascular drug therapy, and in-hospital outcomes in patients with COVID-19: data from a large single-center registry in Poland. <i>Kardiologia Polska</i> , 2021, 79, 773-780.	0.6	19
25	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. <i>Mayo Clinic Proceedings</i> , 2020, 95, 955-965.	3.0	18
26	COVID-19 among patients with epilepsy: Risk factors and course of the disease. <i>Epilepsy and Behavior</i> , 2021, 120, 107996.	1.7	18
27	Systemic response to rupture of intracranial aneurysms involves expression of specific gene isoforms. <i>Journal of Translational Medicine</i> , 2019, 17, 141.	4.4	17
28	Overlap in the Genetic Architecture of Stroke Risk, Early Neurological Changes, and Cardiovascular Risk Factors. <i>Stroke</i> , 2019, 50, 1339-1345.	2.0	17
29	Inflammatory Responses Induced by the Rupture of Intracranial Aneurysms Are Modulated by miRNAs. <i>Molecular Neurobiology</i> , 2020, 57, 988-996.	4.0	16
30	Quantitative Serial CT Imaging-Derived Features Improve Prediction of Malignant Cerebral Edema after Ischemic Stroke. <i>Neurocritical Care</i> , 2020, 33, 785-792.	2.4	16
31	Menstrual disorders and their determinants among women with epilepsy. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 2657-2664.	2.2	15
32	Fasting Hyperglycemia and Long-term Outcome in Patients with Acute Ischemic Stroke Treated with Mechanical Thrombectomy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104774.	1.6	15
33	C-reactive protein and post-stroke depressive symptoms. <i>Scientific Reports</i> , 2020, 10, 1431.	3.3	15
34	The FGA Thr312Ala polymorphism and risk of intracerebral haemorrhage in Polish and Greek populations. <i>Neurologia i Neurochirurgia Polska</i> , 2014, 48, 105-110.	1.2	14
35	Safety of switching from brand-name to generic levetiracetam in patients with epilepsy. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2287-2291.	4.3	14
36	Early apathetic, but not depressive, symptoms are associated with poor outcome after stroke. <i>European Journal of Neurology</i> , 2021, 28, 1949-1957.	3.3	14

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37	Hemispheric CSF volume ratio quantifies progression and severity of cerebral edema after acute hemispheric stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2907-2915.	4.3	14
38	Transcranial Magnetic Stimulation as a Diagnostic and Therapeutic Tool in Various Types of Dementia. <i>Journal of Clinical Medicine</i> , 2021, 10, 2875.	2.4	14
39	Catalase activity in blood fractions of patients with sporadic ALS. <i>Pharmacological Reports</i> , 2014, 66, 704-707.	3.3	13
40	Can Prediction of Functional Outcome after Stroke Be Improved by Adding Fibrinogen to Prognostic Model?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2752-2755.	1.6	13
41	Prognostic Significance of Stroke-Associated Infection and other Readily Available Parameters in Acute Ischemic Stroke Treated by Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105525.	1.6	13
42	The Need for New Biomarkers to Assist with Stroke Prevention and Prediction of Post-Stroke Therapy Based on Plasma-Derived Extracellular Vesicles. <i>Biomedicines</i> , 2021, 9, 1226.	3.2	13
43	Genetic variants influencing elevated myeloperoxidase levels increase risk of stroke. <i>Brain</i> , 2017, 140, 2663-2672.	7.6	12
44	Psychiatric comedication in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2018, 83, 207-211.	1.7	12
45	Clinical Relevance of Changes in Peripheral Blood Cells After Intracranial Aneurysm Rupture. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105293.	1.6	12
46	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. <i>Frontiers in Neuroscience</i> , 2021, 15, 691244.	2.8	12
47	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 700616.	2.4	11
48	Reduced release of TNF $\alpha$ and IP-10 after ex vivo blood stimulation with endotoxin is associated with poor outcome after stroke. <i>Cytokine</i> , 2018, 102, 51-54.	3.2	10
49	Implementation of the new ILAE classification of epilepsies into clinical practice – A cohort study. <i>Epilepsy and Behavior</i> , 2019, 96, 28-32.	1.7	10
50	Single nucleotide variations in <i>ZBTB46</i> are associated with post-thrombolytic parenchymal haematoma. <i>Brain</i> , 2021, 144, 2416-2426.	7.6	10
51	Multiple sclerosis incidence and prevalence in Poland: Data from administrative health claims. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 55, 103162.	2.0	10
52	The AGTR1 gene A1166C polymorphism as a risk factor and outcome predictor of primary intracerebral and aneurysmal subarachnoid hemorrhages. <i>Neurologia i Neurochirurgia Polska</i> , 2014, 48, 242-247.	1.2	9
53	Brand-to-generic oxcarbazepine switch – A prospective observational study. <i>Epilepsy Research</i> , 2019, 151, 75-77.	1.6	9
54	Toll-like receptor 4-mediated cytokine synthesis and post-stroke depressive symptoms. <i>Translational Psychiatry</i> , 2021, 11, 246.	4.8	9

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55	Accelerating Prediction of Malignant Cerebral Edema After Ischemic Stroke with Automated Image Analysis and Explainable Neural Networks. <i>Neurocritical Care</i> , 2022, 36, 471-482.	2.4	9
56	Anthracycline-induced cardiotoxicity prevention with angiotensin-converting enzyme inhibitor ramipril in women with low-risk breast cancer: results of a prospective randomized study. <i>Kardiologia Polska</i> , 2020, 78, 131-137.	0.6	9
57	Symptoms after COVID-19 Infection in Individuals with Multiple Sclerosis in Poland. <i>Journal of Clinical Medicine</i> , 2021, 10, 5225.	2.4	9
58	Dynamic cerebral autoregulation is compromised in ischaemic stroke of undetermined aetiology only in the non-affected hemisphere. <i>Neurologia I Neurochirurgia Polska</i> , 2014, 48, 91-97.	1.2	8
59	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0206554.	2.5	8
60	Treatment of high- and intermediate-risk pulmonary embolism using the AngioJet percutaneous mechanical thrombectomy system in patients with contraindications for thrombolytic treatment – a pilot study. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2018, 13, 233-242.	0.7	8
61	Use of complementary and alternative medicine among adults with epilepsy in a university epilepsy clinic in Poland. <i>Epilepsy and Behavior</i> , 2019, 98, 40-44.	1.7	8
62	Association of early and later depressive symptoms with functional outcome after ischemic stroke. <i>Journal of Neural Transmission</i> , 2021, 128, 679-686.	2.8	8
63	Sex-specific lesion pattern of functional outcomes after stroke. <i>Brain Communications</i> , 2022, 4, fcac020.	3.3	8
64	Delirium and subsyndromal delirium are associated with the long-term risk of death after ischaemic stroke. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 1459-1462.	2.9	8
65	Improvement of survival in Polish stroke patients is related to reduced stroke severity and better control of risk factors: the Krakow Stroke Database. <i>Archives of Medical Science</i> , 2016, 3, 552-555.	0.9	7
66	Common allergies do not influence the prevalence of cutaneous hypersensitivity reactions to antiepileptic drugs. <i>Epilepsy Research</i> , 2017, 135, 9-13.	1.6	7
67	The specific ex vivo released cytokine profile is associated with ischemic stroke outcome and improves its prediction. <i>Journal of Neuroinflammation</i> , 2020, 17, 7.	7.2	7
68	Mean platelet volume and its genetic variants relate to stroke severity and 1-year mortality. <i>Neurology</i> , 2020, 95, e1153-e1162.	1.1	7
69	Safety of Vaccines against SARS-CoV-2 among Polish Patients with Multiple Sclerosis Treated with Disease-Modifying Therapies. <i>Vaccines</i> , 2022, 10, 763.	4.4	7
70	RP11-362K2.2:RP11-767I20.1 Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 3137.	2.4	6
71	&lt;p&gt;Status epilepticus in patients with genetic (idiopathic) generalized epilepsy&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1585-1592.	2.2	5
72	Diffusion-Weighted Imaging, MR Angiography, and Baseline Data in a Systematic Multicenter Analysis of 3,301 MRI Scans of Ischemic Stroke Patients – Neuroradiological Review Within the MRI-GENIE Study. <i>Frontiers in Neurology</i> , 2020, 11, 577.	2.4	5

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73	Magnetisation transfer imaging revealed microstructural changes related to apathy symptoms after ischaemic stroke. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1264-1273.	2.7	5
74	C-Reactive Protein and White Blood Cell Count in Non-Infective Acute Ischemic Stroke Patients Treated with Intravenous Thrombolysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1610.	2.4	5
75	Gender-Related Differences in Prodromal Multiple Sclerosis Characteristics: A 7-Year Observation Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3821.	2.4	5
76	Association between C677T polymorphism of MTHFR gene and risk of amyotrophic lateral sclerosis: Polish population study and a meta-analysis. <i>Neurologia I Neurochirurgia Polska</i> , 2017, 51, 135-139.	1.2	4
77	Real-World Comparison of Human and Software Image Assessment in Acute Ischemic Stroke Patientsâ€™ Qualification for Reperfusion Treatment. <i>Journal of Clinical Medicine</i> , 2020, 9, 3383.	2.4	4
78	Glucocorticoid Resistance is Associated with Poor Functional Outcome After Stroke. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1321-1326.	3.3	4
79	Elevated plasma levels of galectin-3 binding protein are associated with post-stroke delirium â€” A pilot study. <i>Journal of Neuroimmunology</i> , 2021, 356, 577579.	2.3	4
80	Recommendations of the Polish Medical Society of Radiology and the Polish Society of Neurology for a protocol concerning routinely used magnetic resonance imaging in patients with multiple sclerosis. <i>Neurologia I Neurochirurgia Polska</i> , 2020, 54, 410-415.	1.2	4
81	Post-stroke infection in acute ischemic stroke patients treated with mechanical thrombectomy does not affect long-term outcome. <i>Postepy W Kardiologii Interwencyjnej</i> , 2020, 16, 452-459.	0.2	4
82	Predictors of remission in patients with epilepsy. <i>Neurologia I Neurochirurgia Polska</i> , 2020, 54, 434-439.	1.2	4
83	Acute-onset chorea and confusional state in 77-year-old COVID-19 patient: a case report. <i>Neurologia I Neurochirurgia Polska</i> , 2022, 56, 106-110.	1.2	4
84	Body mass index and aromatase inhibitors: a step forward in individualizing therapy for breast cancer patients?. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 759-766.	2.4	3
85	Genetic testing and the phenotype of Polish patients with Unverrichtâ€™Lundborg disease (EPM1) â€” A cohort study. <i>Epilepsy and Behavior</i> , 2020, 112, 107439.	1.7	3
86	Olfactory Dysfunction in Patients With Relapsing-Remitting Multiple Sclerosis Treated With Disease-Modifying Therapies. <i>Ear, Nose and Throat Journal</i> , 2020, , 014556132097377.	0.8	3
87	Clinical utility of brain computed tomography in prediction of post-stroke delirium. <i>Journal of Neural Transmission</i> , 2021, 128, 207-213.	2.8	3
88	Lacosamide and myoclonic seizures: what is the risk of aggravation?. <i>Neurologia I Neurochirurgia Polska</i> , 2021, 55, 107-109.	1.2	3
89	Lipopolysaccharide binding protein and sCD14 as risk markers of stroke-associated pneumonia. <i>Journal of Neuroimmunology</i> , 2021, 354, 577532.	2.3	3
90	Subtypes of delirium after ischaemic strokeâ€™ predisposing factors and outcomes: a prospective observational study (PROPOLIS). <i>European Journal of Neurology</i> , 2022, 29, 478-485.	3.3	3

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91	Somatic comorbidity in Polish patients with epilepsy. Polish Archives of Internal Medicine, 2019, 129, 303-307.	0.4	3
92	Obstetric and neonatal outcomes in women with epilepsy in Poland – a two-centre study. Neurologia i Neurochirurgia Polska, 2020, 54, 62-65.	1.2	3
93	Seasonal Variations in the Concentration of Particulate Matter in the Air of Cracow Affect the Magnitude of CD4+ T Cell Subsets Cytokine Production in Patients with Inflammatory and Autoimmune Disorders. Atmosphere, 2022, 13, 529.	2.3	3
94	Two novel mutations of the SETX gene and ataxia with oculomotor apraxia type 2. Clinical Neurology and Neurosurgery, 2015, 128, 44-46.	1.4	2
95	Endovascular management of carotid and vertebral artery dissections with new generation double-mesh stent and protection systems – single-center early and midterm results. Postępy W Kardiologii Interwencyjnej, 2019, 15, 321-327.	0.2	2
96	Outcome estimation based on multimodal computed tomography examination in acute ischaemic stroke patients treated with mechanical thrombectomy. Wideochirurgia i Inne Techniki Maloinwazyjne, 2019, 14, 560-566.	0.7	2
97	Ex vivo synthesized cytokines as a biomarker of stroke-associated pneumonia. Clinica Chimica Acta, 2020, 510, 260-263.	1.1	2
98	Opposite regulation of piRNAs, rRNAs and miRNAs in the blood after subarachnoid hemorrhage. Journal of Molecular Medicine, 2020, 98, 887-896.	3.9	2
99	Fasting Normoglycemia after Intravenous Thrombolysis Predicts Favorable Long-Term Outcome in Non-Diabetic Patients with Acute Ischemic Stroke. Journal of Clinical Medicine, 2021, 10, 3005.	2.4	2
100	Additional Value of [18F]FDG PET/CT in Detection of Suspected Malignancy in Patients with Paraneoplastic Neurological Syndromes Having Negative Results of Conventional Radiological Imaging. Journal of Clinical Medicine, 2022, 11, 1537.	2.4	2
101	The use of anticholinergic medication is associated with an increased risk of stroke-associated pneumonia. Aging Clinical and Experimental Research, 2022, 34, 1935-1938.	2.9	2
102	Left ventricular geometry and white matter lesions in ischemic stroke patients. Blood Pressure, 2016, 25, 149-154.	1.5	1
103	4C Mortality Score correlates with in-hospital functional outcome after COVID-19-associated ischaemic stroke. Neurologia i Neurochirurgia Polska, 2021, 55, 295-299.	1.2	1
104	Statement by a Working Group conceived by the Polish National Consultants in Cardiology and Neurology addressing the use of implantable cardiac monitors in patients after ischaemic embolic stroke of undetermined source. Neurologia i Neurochirurgia Polska, 2019, 53, 181-189.	1.2	1
105	Prognostic significance of age in patients with acute ischaemic stroke treated with intravenous thrombolysis. Neurologia i Neurochirurgia Polska, 2022, , .	1.2	1
106	Mechanical thrombectomy in COVID-19-associated ischaemic stroke: patient characteristics and outcomes in a single-centre study. Neurologia i Neurochirurgia Polska, 2022, , .	1.2	1
107	Paraoxonase 2 C311S single nucleotide polymorphism is associated with type C lesions in coronary atherosclerosis. Clinical Biochemistry, 2022, 105-106, 64-69.	1.9	1
108	Reply to – Depression among patients with epilepsy – A diagnostic approach – Epilepsy and Behavior, 2018, 88, 397.	1.7	0

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109	Use of dietary and herbal supplements in adult patients with epilepsy. <i>Epilepsy Research</i> , 2019, 156, 106168.	1.6	0
110	The prognostic significance of large vessel occlusion in stroke patients treated by intravenous thrombolysis. <i>Polish Journal of Radiology</i> , 2021, 86, 344-352.	0.9	0
111	Recommendations of the Polish Medical Society of Radiology and the Polish Society of Neurology for a protocol concerning routinely used magnetic resonance imaging in patients with multiple sclerosis. <i>Polish Journal of Radiology</i> , 2020, 85, 272-276.	0.9	0