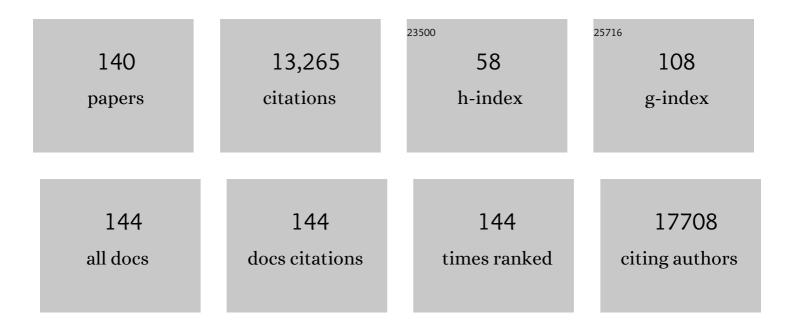
## Hugh S Markus

List of Publications by Year in descending order

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HUCH S MADRUS

#	Article	IF	CITATIONS
1	Prevalence of, and risk factors for, cognitive impairment in lacunar stroke. International Journal of Stroke, 2023, 18, 62-69.	2.9	7
2	Cognitive impact of cerebral microbleeds in patients with symptomatic small vessel disease. International Journal of Stroke, 2022, 17, 415-424.	2.9	23
3	Prediction of dementia using diffusion tensor MRI measures: the OPTIMAL collaboration. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 14-23.	0.9	15
4	Central obesity is selectively associated with cerebral gray matter atrophy in 15,634 subjects in the UK Biobank. International Journal of Obesity, 2022, 46, 1059-1067.	1.6	12
5	CAIDE dementia risk score relates to severity and progression of cerebral small vessel disease in healthy midlife adults: the PREVENT-Dementia study. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 481-490.	0.9	13
6	Stroke Genetics: Discovery, Insight Into Mechanisms, and Clinical Perspectives. Circulation Research, 2022, 130, 1095-1111.	2.0	18
7	Association of <i>NOTCH3</i> Variant Position With Stroke Onset and Other Clinical Features Among Patients With CADASIL. Neurology, 2022, 99, .	1.5	11
8	Treatment of posterior circulation stroke: Acute management and secondary prevention. International Journal of Stroke, 2022, 17, 723-732.	2.9	19
9	Determining the OPTIMAL DTI analysis method for application in cerebral small vessel disease. NeuroImage: Clinical, 2022, 35, 103114.	1.4	6
10	Stroke in COVID-19: A systematic review and meta-analysis. International Journal of Stroke, 2021, 16, 137-149.	2.9	359
11	Rates, risks and routes to reduce vascular dementia (R4vad), a UK-wide multicentre prospective observational cohort study of cognition after stroke: Protocol. European Stroke Journal, 2021, 6, 89-101.	2.7	15
12	In vivo neuroinflammation and cerebral small vessel disease in mild cognitive impairment and Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 45-52.	0.9	38
13	Diabetes Mellitus, Glycemic Traits, and Cerebrovascular Disease. Neurology, 2021, 96, e1732-e1742.	1.5	59
14	Apathy after stroke: Diagnosis, mechanisms, consequences, and treatment. International Journal of Stroke, 2021, 16, 510-518.	2.9	55
15	Neurofilament light chain predicts future dementia risk in cerebral small vessel disease. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 582-589.	0.9	15
16	Modifiable Lifestyle Factors and Risk of Stroke. Stroke, 2021, 52, 931-936.	1.0	27
17	<i>NOTCH3</i> variants are more common than expected in the general population and associated with stroke and vascular dementia: an analysis of 200 000 participants. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 694-701.	0.9	39
18	COVID-19 and stroke—Understanding the relationship and adapting services. A global World Stroke Organisation perspective. International Journal of Stroke, 2021, 16, 241-247.	2.9	23

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19	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. Lancet Neurology, The, 2021, 20, 351-361.	4.9	95
20	EXPRESS: COVID-19 AND STROKE – UNDERSTANDING THE RELATIONSHIP AND ADAPTING SERVICES. A GLO WORLD STROKE ORGANISATION PERSPECTIVE . International Journal of Stroke, 2021, , 174749302110064.	DBAL 2.9	0
21	Ischaemic stroke can follow COVID-19 vaccination but is much more common with COVID-19 infection itself. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1142-1142.	0.9	12
22	Rate of, and risk factors for, white matter hyperintensity growth: a systematic review and meta-analysis with implications for clinical trial design. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1271-1277.	0.9	27
23	Cerebral Amyloid Angiopathy and the Fibrinolytic System: Is Plasmin a Therapeutic Target?. Stroke, 2021, 52, 2707-2714.	1.0	10
24	PRESERVE: Randomized Trial of Intensive Versus Standard Blood Pressure Control in Small Vessel Disease. Stroke, 2021, 52, 2484-2493.	1.0	17
25	White Matter Hyperintensities and Cerebral Microbleeds in Ataxia-Telangiectasia. Neurology: Genetics, 2021, 7, e640.	0.9	2
26	Automated Detection of Candidate Subjects With Cerebral Microbleeds Using Machine Learning. Frontiers in Neuroinformatics, 2021, 15, 777828.	1.3	5
27	Cerebral small vessel disease: Microbleeds, perforator artery imaging and cliostozol. International Journal of Stroke, 2021, 16, 1000-1001.	2.9	1
28	Structural network changes in cerebral small vessel disease. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 196-203.	0.9	28
29	New Treatment Approaches to Modify the Course of Cerebral Small Vessel Diseases. Stroke, 2020, 51, 38-46.	1.0	59
30	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. Stroke, 2020, 51, 2454-2463.	1.0	26
31	Association of common genetic variants with brain microbleeds. Neurology, 2020, 95, e3331-e3343.	1.5	40
32	Genome-wide association study of MRI markers of cerebral small vessel disease in 42,310 participants. Nature Communications, 2020, 11, 2175.	5.8	93
33	Simple MRI score aids prediction of dementia in cerebral small vessel disease. Neurology, 2020, 94, e1294-e1302.	1.5	67
34	Thrombectomy, acute stroke care, and global health problems; cannabis and COVID-19. International Journal of Stroke, 2020, 15, 465-466.	2.9	0
35	Lindsay Symon: A giant of stroke. International Journal of Stroke, 2020, 15, 356-360.	2.9	6
36	The effect of NOTCH3 pathogenic variant position on CADASIL disease severity: NOTCH3 EGFr 1–6 pathogenic variant are associated with a more severe phenotype and lower survival compared with EGFr 7–34 pathogenic variant. Genetics in Medicine, 2019, 21, 676-682.	1.1	102

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37	Serum magnesium and calcium levels in relation to ischemic stroke. Neurology, 2019, 92, e944-e950.	1.5	38
38	Genetic variation in <i>PLEKHG1</i> is associated with white matter hyperintensities (n = 11,226). Neurology, 2019, 92, e749-e757.	1.5	47
39	Inflammation and cerebral small vessel disease: A systematic review. Ageing Research Reviews, 2019, 53, 100916.	5.0	213
40	Germline selection shapes human mitochondrial DNA diversity. Science, 2019, 364, .	6.0	178
41	Apathy is associated with large-scale white matter network disruption in small vessel disease. Neurology, 2019, 92, e1157-e1167.	1.5	40
42	How common are single gene mutations as a cause for lacunar stroke?. Neurology, 2019, 93, e2007-e2020.	1.5	26
43	Vascular dysfunction—The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.4	454
44	Clinical Significance of Magnetic Resonance Imaging Markers of Vascular Brain Injury. JAMA Neurology, 2019, 76, 81.	4.5	390
45	Memory decline in elderly with cerebral small vessel disease explained by temporal interactions between white matter hyperintensities and hippocampal atrophy. Hippocampus, 2019, 29, 500-510.	0.9	28
46	Vertebral artery stenting to prevent recurrent stroke in symptomatic vertebral artery stenosis: the VIST RCT. Health Technology Assessment, 2019, 23, 1-30.	1.3	12
47	Causal Impact of Type 2 Diabetes Mellitus on Cerebral Small Vessel Disease. Stroke, 2018, 49, 1325-1331.	1.0	86
48	Lacunar Infarcts, but Not Perivascular Spaces, Are Predictors of Cognitive Decline in Cerebral Small-Vessel Disease. Stroke, 2018, 49, 586-593.	1.0	80
49	Longitudinal decline in structural networks predicts dementia in cerebral small vessel disease. Neurology, 2018, 90, e1898-e1910.	1.5	45
50	Role of Blood Lipids in the Development of Ischemic Stroke and its Subtypes. Stroke, 2018, 49, 820-827.	1.0	132
51	The Brief Memory and Executive Test (BMET): A cognitive screening tool to detect and differentiate vascular cognitive impairment and Alzheimer's disease. International Journal of Geriatric Psychiatry, 2018, 33, e273-e279.	1.3	9
52	Sodium Valproate, a Histone Deacetylase Inhibitor, Is Associated With Reduced Stroke Risk After Previous Ischemic Stroke or Transient Ischemic Attack. Stroke, 2018, 49, 54-61.	1.0	52
53	Cerebral amyloid angiopathy associated with inflammation: A systematic review of clinical and imaging features and outcome. International Journal of Stroke, 2018, 13, 257-267.	2.9	63
54	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	5.8	119

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55	Genomeâ€wide metaâ€analysis identifies 3 novel loci associated with stroke. Annals of Neurology, 2018, 84, 934-939.	2.8	79
56	ldentifying preclinical vascular dementia in symptomatic small vessel disease using MRI. NeuroImage: Clinical, 2018, 19, 925-938.	1.4	23
57	Top research priorities for stroke genetics. Lancet Neurology, The, 2018, 17, 663-665.	4.9	7
58	Does Treating Vascular Risk Factors Prevent Dementia and Alzheimer's Disease? A Systematic Review and Meta-Analysis. Journal of Alzheimer's Disease, 2018, 64, 657-668.	1.2	72
59	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	9.4	1,124
60	Triple versus guideline antiplatelet therapy to prevent recurrence after acute ischaemic stroke or transient ischaemic attack: the TARDIS RCT. Health Technology Assessment, 2018, 22, 1-76.	1.3	8
61	Prognosis of carotid dissecting aneurysms. Neurology, 2017, 88, 646-652.	1.5	37
62	Early-onset and delayed-onset poststroke dementia — revisiting the mechanisms. Nature Reviews Neurology, 2017, 13, 148-159.	4.9	123
63	Genetic and environmental risk factors for rheumatoid arthritis in a UK African ancestry population: the GENRA case–control study. Rheumatology, 2017, 56, 1282-1292.	0.9	18
64	Atrial Fibrillation Genetic Risk and Ischemic Stroke Mechanisms. Stroke, 2017, 48, 1451-1456.	1.0	33
65	Using DTI to assess white matter microstructure in cerebral small vessel disease (SVD) in multicentre studies. Clinical Science, 2017, 131, 1361-1373.	1.8	76
66	Genetics of stroke in a UK African ancestry case-control study. Neurology: Genetics, 2017, 3, e142.	0.9	19
67	Genetic variation at 16q24.2 is associated with small vessel stroke. Annals of Neurology, 2017, 81, 383-394.	2.8	73
68	Disruption of rich club organisation in cerebral small vessel disease. Human Brain Mapping, 2017, 38, 1751-1766.	1.9	64
69	Change in multimodal MRI markers predicts dementia risk in cerebral small vessel disease. Neurology, 2017, 89, 1869-1876.	1.5	76
70	PET imaging of the neurovascular interface in cerebrovascular disease. Nature Reviews Neurology, 2017, 13, 676-688.	4.9	38
71	<i>COL4A2</i> is associated with lacunar ischemic stroke and deep ICH. Neurology, 2017, 89, 1829-1839.	1.5	58
72	Stenting for symptomatic vertebral artery stenosis. Neurology, 2017, 89, 1229-1236.	1.5	116

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73	Neuropathology of White Matter Lesions, Blood–Brain Barrier Dysfunction, and Dementia. Stroke, 2017, 48, 2799-2804.	1.0	85
74	Diffusion tensor image segmentation of the cerebrum provides a single measure of cerebral small vessel disease severity related to cognitive change. NeuroImage: Clinical, 2017, 16, 330-342.	1.4	27
75	Type 2 diabetes, glucose, insulin, BMI, and ischemic stroke subtypes. Neurology, 2017, 89, 454-460.	1.5	84
76	An Examination of Polygenic Score Risk Prediction in Individuals With First-Episode Psychosis. Biological Psychiatry, 2017, 81, 470-477.	0.7	176
77	Application of Diffusion Tensor Imaging Parameters to Detect Change in Longitudinal Studies in Cerebral Small Vessel Disease. PLoS ONE, 2016, 11, e0147836.	1.1	43
78	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2016, 15, 695-707.	4.9	130
79	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.5	141
80	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. Stroke, 2016, 47, 1174-1179.	1.0	22
81	Human Validation of Genes Associated With a Murine Atherosclerotic Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1240-1246.	1.1	44
82	Differing association of alcohol consumption with different stroke types: a systematic review and meta-analysis. BMC Medicine, 2016, 14, 178.	2.3	158
83	Brief Screening of Vascular Cognitive Impairment in Patients With Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy Without Dementia. Stroke, 2016, 47, 2482-2487.	1.0	15
84	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
85	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
86	Associations between the Brief Memory and Executive Test (BMET), Activities of Daily Living, and Quality of Life in Patients with Cerebral Small Vessel Disease. Journal of the International Neuropsychological Society, 2016, 22, 561-569.	1.2	10
87	Clinical Pregenetic Screening for Stroke Monogenic Diseases. Stroke, 2016, 47, 1702-1709.	1.0	34
88	Polymorphism in a lincRNA Associates with a Doubled Risk of Pneumococcal Bacteremia in Kenyan Children. American Journal of Human Genetics, 2016, 98, 1092-1100.	2.6	39
89	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near <i>HABP2</i> . Stroke, 2016, 47, 307-316.	1.0	54
90	Cerebral small vessel disease: Capillary pathways to stroke and cognitive decline. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 302-325.	2.4	211

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91	Structural network efficiency predicts conversion to dementia. Neurology, 2016, 86, 1112-1119.	1.5	103
92	Association of <i>MTHFR</i> C677T Genotype With Ischemic Stroke Is Confined to Cerebral Small Vessel Disease Subtype. Stroke, 2016, 47, 646-651.	1.0	50
93	Oxidative phosphorylation and lacunar stroke. Neurology, 2016, 86, 141-145.	1.5	7
94	Progression of MRI markers in cerebral small vessel disease: Sample size considerations for clinical trials. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 228-240.	2.4	85
95	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1001976.	3.9	150
96	CADASIL: Migraine, Encephalopathy, Stroke and Their Inter-Relationships. PLoS ONE, 2016, 11, e0157613.	1.1	63
97	Genetic Overlap Between Diagnostic Subtypes of Ischemic Stroke. Stroke, 2015, 46, 615-619.	1.0	34
98	Genetic Factors Influencing Coagulation Factor XIII B-Subunit Contribute to Risk of Ischemic Stroke. Stroke, 2015, 46, 2069-2074.	1.0	15
99	The Brief Memory and Executive Test (BMET) for detecting vascular cognitive impairment in small vessel disease: a validation study. BMC Medicine, 2015, 13, 51.	2.3	36
100	What causes intracerebral bleeding after thrombolysis for acute ischaemic stroke? Recent insights into mechanisms and potential biomarkers. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 1127-1136.	0.9	40
101	Differential relationships between apathy and depression with white matter microstructural changes and functional outcomes. Brain, 2015, 138, 3803-3815.	3.7	126
102	Genetic Architecture of White Matter Hyperintensities Differs in Hypertensive and Nonhypertensive Ischemic Stroke. Stroke, 2015, 46, 348-353.	1.0	25
103	Genetic Architecture of Lacunar Stroke. Stroke, 2015, 46, 2407-2412.	1.0	33
104	Differences in Common Genetic Predisposition to Ischemic Stroke by Age and Sex. Stroke, 2015, 46, 3042-3047.	1.0	28
105	Common NOTCH3 Variants and Cerebral Small-Vessel Disease. Stroke, 2015, 46, 1482-1487.	1.0	26
106	Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. Nature Genetics, 2015, 47, 78-83.	9.4	195
107	Pattern and Rate of Cognitive Decline in Cerebral Small Vessel Disease: A Prospective Study. PLoS ONE, 2015, 10, e0135523.	1.1	46
108	Polygenic Overlap Between Kidney Function and Large Artery Atherosclerotic Stroke. Stroke, 2014, 45, 3508-3513.	1.0	21

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109	Verbal Fluency in Cerebral Small Vessel Disease and Alzheimer's Disease. Journal of the International Neuropsychological Society, 2014, 20, 413-421.	1.2	45
110	Structural network efficiency is associated with cognitive impairment in small-vessel disease. Neurology, 2014, 83, 304-311.	1.5	242
111	Depression in small-vessel disease relates to white matter ultrastructural damage, not disability. Neurology, 2014, 83, 1417-1423.	1.5	48
112	Mechanisms and treatment of ischaemic stroke—insights from genetic associations. Nature Reviews Neurology, 2014, 10, 723-730.	4.9	47
113	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. Neurology, 2014, 83, 678-685.	1.5	89
114	Effect of Genetic Variants Associated With Plasma Homocysteine Levels on Stroke Risk. Stroke, 2014, 45, 1920-1924.	1.0	30
115	Posterior circulation ischaemic stroke and transient ischaemic attack: diagnosis, investigation, and secondary prevention. Lancet Neurology, The, 2013, 12, 989-998.	4.9	150
116	Cerebral Microbleeds and Cognition in Patients With Symptomatic Small Vessel Disease. Stroke, 2013, 44, 356-361.	1.0	96
117	Stroke Risk After Posterior Circulation Stroke/Transient Ischemic Attack and its Relationship to Site of Vertebrobasilar Stenosis. Stroke, 2013, 44, 598-604.	1.0	146
118	Mechanisms of Cognitive Impairment in Cerebral Small Vessel Disease: Multimodal MRI Results from the St George's Cognition and Neuroimaging in Stroke (SCANS) Study. PLoS ONE, 2013, 8, e61014.	1.1	104
119	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. Nature Genetics, 2012, 44, 328-333.	9.4	375
120	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. Nature Genetics, 2012, 44, 1147-1151.	9.4	152
121	Genetic Heritability of Ischemic Stroke and the Contribution of Previously Reported Candidate Gene and Genomewide Associations. Stroke, 2012, 43, 3161-3167.	1.0	329
122	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2012, 11, 951-962.	4.9	445
123	The von Willebrand Inhibitor ARC1779 Reduces Cerebral Embolization After Carotid Endarterectomy. Stroke, 2011, 42, 2149-2153.	1.0	99
124	Genetics Studies in Ischaemic Stroke. Translational Stroke Research, 2010, 1, 238-245.	2.3	5
125	Asymptomatic embolisation for prediction of stroke in the Asymptomatic Carotid Emboli Study (ACES): a prospective observational study. Lancet Neurology, The, 2010, 9, 663-671.	4.9	388
126	Clinical Spectrum of CADASIL and the Effect of Cardiovascular Risk Factors on Phenotype. Stroke, 2010, 41, 630-634.	1.0	180

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127	Noninvasive Detection of Vertebral Artery Stenosis. Stroke, 2009, 40, 3499-3503.	1.0	71
128	Multimodal MRI in Cerebral Small Vessel Disease. Stroke, 2008, 39, 1999-2005.	1.0	135
129	Differences in Stroke Subtypes Between Black and White Patients With Stroke. Circulation, 2007, 116, 2157-2164.	1.6	135
130	Can microemboli on transcranial Doppler identify patients at increased stroke risk?. Nature Clinical Practice Cardiovascular Medicine, 2006, 3, 246-247.	3.3	8
131	Genetic and Acquired Inflammatory Conditions Are Synergistically Associated With Early Carotid Atherosclerosis. Stroke, 2006, 37, 2253-2259.	1.0	42
132	Risk factor profile of cerebral small vessel disease and its subtypes. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 702-706.	0.9	225
133	Can Transcranial Doppler Discriminate Between Solid and Gaseous Microemboli?. Stroke, 2005, 36, 1731-1734.	1.0	76
134	Current treatments in neurology: Stroke. Journal of Neurology, 2005, 252, 260-267.	1.8	9
135	Dual Antiplatelet Therapy With Clopidogrel and Aspirin in Symptomatic Carotid Stenosis Evaluated Using Doppler Embolic Signal Detection. Circulation, 2005, 111, 2233-2240.	1.6	704
136	Markers of Endothelial and Hemostatic Activation and Progression of Cerebral White Matter Hyperintensities. Stroke, 2005, 36, 1410-1414.	1.0	164
137	The spatial distribution of MR imaging abnormalities in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy and their relationship to age and clinical features. American Journal of Neuroradiology, 2005, 26, 2481-7.	1.2	101
138	The influence of genetic and cardiovascular risk factors on the CADASIL phenotype. Brain, 2004, 127, 2031-2038.	3.7	184
139	Helicobacter Pylori Infection, the Cytotoxin Gene a Strain, and Carotid Artery Intima-Media Thickness. European Journal of Cardiovascular Prevention and Rehabilitation, 2002, 9, 1-6.	3.1	17
140	Experimental aspects of high-intensity transient signals in the detection of emboli. Journal of Clinical Ultrasound, 1995, 23, 81-87.	0.4	41