Yonghong Zhang

List of Publications by Year in descending order

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127 papers

2,252 citations

331538 21 h-index 289141 40 g-index

132 all docs

132 docs citations

132 times ranked

4808 citing authors

#	Article	IF	CITATIONS
1	Effects of Immediate Blood Pressure Reduction on Death and Major Disability in Patients With Acute Ischemic Stroke. JAMA - Journal of the American Medical Association, 2014, 311, 479.	3.8	357
2	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	9.4	294
3	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. Human Molecular Genetics, 2017, 26, 1770-1784.	1.4	135
4	Serum matrix metalloproteinase-9 levels and prognosis of acute ischemic stroke. Neurology, 2017, 89, 805-812.	1.5	105
5	Sexâ€Specific Relationship Between Serum Uric Acid and Risk of Stroke: A Doseâ€Response Metaâ€Analysis of Prospective Studies. Journal of the American Heart Association, 2017, 6, .	1.6	55
6	Metabolomics facilitates the discovery of metabolic biomarkers and pathways for ischemic stroke: a systematic review. Metabolomics, 2019, 15, 152.	1.4	49
7	Association Between High Serum Soluble Corin and Hypertension: A Cross-Sectional Study in a General Population of China. American Journal of Hypertension, 2015, 28, 1141-1149.	1.0	44
8	Serum Matrix Metalloproteinaseâ€9 and Cognitive Impairment After Acute Ischemic Stroke. Journal of the American Heart Association, 2018, 7, .	1.6	38
9	Serum Galectin-3 and Poor Outcomes Among Patients With Acute Ischemic Stroke. Stroke, 2018, 49, 211-214.	1.0	36
10	Plasma Homocysteine and Prognosis of Acute Ischemic Stroke: a Gender-Specific Analysis From CATIS Randomized Clinical Trial. Molecular Neurobiology, 2017, 54, 2022-2030.	1.9	34
11	Serum Dkk-1 (Dickkopf-1) Is a Potential Biomarker in the Prediction of Clinical Outcomes Among Patients With Acute Ischemic Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 285-293.	1.1	32
12	Serum Alkaline Phosphatase, Phosphate, and In-Hospital Mortality in Acute Ischemic Stroke Patients. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 257-266.	0.7	28
13	Multiple biomarkers covering distinct pathways for predicting outcomes after ischemic stroke. Neurology, 2019, 92, e295-e304.	1.5	28
14	Selfâ€reported sleep duration is associated with reduced glomerular filtration rate among adults with hypertension: a populationâ€based study from rural northeast <scp>C</scp> hina. Journal of Sleep Research, 2015, 24, 351-358.	1.7	27
15	Elevated circulating homocysteine and high-sensitivity C-reactive protein jointly predicts post-stroke depression among Chinese patients with acute ischemic stroke. Clinica Chimica Acta, 2018, 479, 132-137.	0.5	26
16	Increased Serum Netrin-1 Is Associated With Improved Prognosis of Ischemic Stroke. Stroke, 2019, 50, 845-852.	1.0	26
17	Self-reported daytime napping, daytime sleepiness, and other sleep phenotypes in the development of cardiometabolic diseases: a Mendelian randomization study. European Journal of Preventive Cardiology, 2022, 29, 1982-1991.	0.8	26
18	Combined effects of hypertension and heart rate on the risk of stroke and coronary heart disease: a population-based prospective cohort study among Inner Mongolians in China. Hypertension Research, 2015, 38, 883-888.	1.5	25

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19	Association of Stroke Clinical Outcomes with Coexistence of Hyperglycemia and Biomarkers of Inflammation. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 1250-1255.	0.7	24
20	Retinal vein occlusion and risk of cerebrovascular disease and myocardial infarction: A meta-analysis of cohort studies. Atherosclerosis, 2016, 247, 170-176.	0.4	24
21	Prognostic value of lipoprotein-associated phospholipase A2 mass for all-cause mortality and vascular events within one year after acute ischemic stroke. Atherosclerosis, 2017, 266, 1-7.	0.4	24
22	Choline Pathway Nutrients and Metabolites and Cognitive Impairment After Acute Ischemic Stroke. Stroke, 2021, 52, 887-895.	1.0	23
23	Serum Hepatocyte Growth Factor Is Probably Associated With 3-Month Prognosis of Acute Ischemic Stroke, 2018, 49, 377-383.	1.0	22
24	Plasma S100A8/A9 Concentrations and Clinical Outcomes of Ischemic Stroke in 2 Independent Multicenter Cohorts. Clinical Chemistry, 2020, 66, 706-717.	1.5	20
25	Effects of early blood pressure reduction on cognitive function in patients with acute ischemic stroke. International Journal of Stroke, 2016, 11, 1009-1019.	2.9	19
26	YKLâ€40 Level and Hypertension Incidence: A Populationâ€Based Nested Caseâ€Control Study in China. Journal of the American Heart Association, 2016, 5, .	1.6	19
27	Prevalence and risk factors of prolonged corrected QT interval in general Chinese population. BMC Cardiovascular Disorders, 2019, 19, 276.	0.7	19
28	Systolic Blood Pressure Trajectories in the Acute Phase and Clinical Outcomes in 2-Year Follow-up Among Patients With Ischemic Stroke. American Journal of Hypertension, 2019, 32, 317-325.	1.0	18
29	Prognostic significance of serum cystatin C in acute ischemic stroke patients according to lipid component levels. Atherosclerosis, 2018, 274, 146-151.	0.4	17
30	Serum furin as a biomarker of high blood pressure: findings from a longitudinal study in Chinese adults. Hypertension Research, 2019, 42, 1808-1815.	1.5	17
31	Sex-specific Association Between Uric Acid and Outcomes After Acute Ischemic Stroke: A Prospective Study from CATIS Trial. Scientific Reports, 2016, 6, 38351.	1.6	16
32	Tissue inhibitor metalloproteinase-1 and clinical outcomes after acute ischemic stroke. Neurology, 2019, 93, e1675-e1685.	1.5	16
33	Increased Serum Complement C3 Levels Are Associated With Adverse Clinical Outcomes After Ischemic Stroke. Stroke, 2021, 52, 868-877.	1.0	16
34	Multiple biomarkers covering several pathways improve predictive ability for cognitive impairment among ischemic stroke patients with elevated blood pressure. Atherosclerosis, 2019, 287, 30-37.	0.4	15
35	Plasma choline and betaine and risks of cardiovascular events and recurrent stroke after ischemic stroke. American Journal of Clinical Nutrition, 2021, 114, 1351-1359.	2.2	15
36	Prognostic Value of White Blood Cell in Acute Ischemic Stroke Patients. Current Neurovascular Research, 2018, 15, 151-157.	0.4	15

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37	Effects of Metabolically Healthy and Unhealthy Obesity on Prolongation of Corrected QT Interval. American Journal of Cardiology, 2017, 119, 1199-1204.	0.7	14
38	Increased Growth Differentiation Factor 15 Is Associated with Unfavorable Clinical Outcomes of Acute Ischemic Stroke. Clinical Chemistry, 2019, 65, 569-578.	1.5	14
39	Comparison of four nontraditional lipid profiles in relation to ischemic stroke among hypertensive Chinese population. International Journal of Cardiology, 2015, 201, 123-125.	0.8	13
40	Antiphosphatidylserine Antibodies and Clinical Outcomes in Patients With Acute Ischemic Stroke. Stroke, 2016, 47, 2742-2748.	1.0	13
41	Hypertension subtypes and risk of cardiovascular diseases in a Mongolian population, inner Mongolia, China. Clinical and Experimental Hypertension, 2016, 38, 39-44.	0.5	13
42	Serum Matrix Metalloproteinase-9 Is Associated With Depression After Acute Ischemic Stroke. Circulation Journal, 2019, 83, 2303-2311.	0.7	13
43	The interactive effect of diabetes and central obesity on stroke: a prospective cohort study of inner Mongolians. BMC Neurology, 2015, 15, 65.	0.8	12
44	Association between increased N-terminal pro-brain natriuretic peptide level and poor clinical outcomes after acute ischemic stroke. Journal of the Neurological Sciences, 2017, 383, 5-10.	0.3	12
45	Immediate Antihypertensive Treatment for Patients With Acute Ischemic Stroke With or Without History of Hypertension. JAMA Network Open, 2019, 2, e198103.	2.8	12
46	Co-Effect of Serum Galectin-3 and High-Density Lipoprotein Cholesterol on the Prognosis of Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1879-1885.	0.7	12
47	Endostatin as a novel prognostic biomarker in acute ischemic stroke. Atherosclerosis, 2020, 293, 42-48.	0.4	12
48	Prognostic Metrics Associated with Inflammation and Atherosclerosis Signaling Evaluate the Burden of Adverse Clinical Outcomes in Ischemic Stroke Patients. Clinical Chemistry, 2020, 66, 1434-1443.	1.5	12
49	Serum tissue inhibitor of metalloproteinaseâ€1 and risk of cognitive impairment after acute ischaemic stroke. Journal of Cellular and Molecular Medicine, 2020, 24, 7470-7478.	1.6	12
50	Association of Biomarkers of Inflammation with Dyslipidemia and Its Components among Mongolians in China. PLoS ONE, 2014, 9, e89023.	1.1	12
51	Associations of genetically proxied inhibition of HMG-CoA reductase, NPC1L1, and PCSK9 with breast cancer and prostate cancer. Breast Cancer Research, 2022, 24, 12.	2.2	12
52	Serum semaphorin 7A is associated with the risk of acute atherothrombotic stroke. Journal of Cellular and Molecular Medicine, 2019, 23, 2901-2906.	1.6	11
53	White Matter Hyperintensity, Immediate Antihypertensive Treatment, and Functional Outcome After Acute Ischemic Stroke. Stroke, 2020, 51, 1608-1612.	1.0	11
54	The Predictive Value of Waist-To-Height Ratio for Ischemic Stroke in a Population-Based Prospective Cohort Study among Mongolian Men in China. PLoS ONE, 2014, 9, e110245.	1.1	10

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55	Association between serum soluble corin and hyperglycaemia: a cross-sectional study among Chinese adults. BMJ Open, 2015, 5, e009085.	0.8	10
56	Antiphospholipid antibodies predict post-stroke depression after acute ischemic stroke. Journal of Affective Disorders, 2019, 257, 160-165.	2.0	10
57	Hemoglobin level and three-month clinical outcomes among ischemic stroke patients with elevated systolic blood pressure. Journal of the Neurological Sciences, 2019, 396, 256-261.	0.3	10
58	Plasma Endostatin Levels at Acute Phase of Ischemic Stroke Are Associated with Post-Stroke Cognitive Impairment. Neurotoxicity Research, 2020, 37, 956-964.	1.3	10
59	Stage 1 hypertension defined by the 2017 American College of Cardiology/American Heart Association guideline and risk of adverse birth outcomes in Eastern China. Journal of Hypertension, 2020, 38, 1090-1102.	0.3	10
60	Serum 25-hydroxyvitamin D deficiency predicts long-term poor prognosis among ischemic stroke patients without hyperglycaemia. Clinica Chimica Acta, 2017, 471, 81-85.	0.5	9
61	Smoking, Hypertension, and Their Combined Effect on Ischemic Stroke Incidence: A Prospective Study among Inner Mongolians in China. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 2749-2754.	0.7	9
62	YKL-40 is a novel biomarker for predicting hypertension incidence among prehypertensive subjects: A population-based nested case-control study in China. Clinica Chimica Acta, 2017, 472, 146-150.	0.5	9
63	Serum Rheumatoid Factor Levels at Acute Phase of Ischemic Stroke are Associated with Poststroke Cognitive Impairment. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1133-1140.	0.7	9
64	Abnormal glucose regulation, hypoglycemic treatment during hospitalization and prognosis of acute ischemic stroke. Journal of the Neurological Sciences, 2017, 379, 177-182.	0.3	8
65	Systolic Blood Pressure Trajectories After Discharge and Long-Term Clinical Outcomes of Ischemic Stroke. Hypertension, 2021, 77, 1694-1702.	1.3	8
66	Plasma osteopontin levels and adverse clinical outcomes after ischemic stroke. Atherosclerosis, 2021, 332, 33-40.	0.4	8
67	Secular Trends in Cardiovascular Health in US Adults (from NHANES 2007 to 2018). American Journal of Cardiology, 2021, 159, 121-128.	0.7	8
68	Potential Involvement of Maternal Cytoplasm in the Regulation of Flowering Time via Interaction with Nuclear Genes in Maize. Crop Science, 2014, 54, 544-553.	0.8	7
69	Multiple biomarkers covering several pathways for the prediction of depression after ischemic stroke. Journal of Affective Disorders, 2021, 280, 442-449.	2.0	7
70	Causal associations of serum matrix metalloproteinaseâ€8 level with ischaemic stroke and ischaemic stroke subtypes: a Mendelian randomization study. European Journal of Neurology, 2021, 28, 2543-2551.	1.7	7
71	Elevated C-reactive Protein and Depressed High-density Lipoprotein Cholesterol are Associated with Poor Function Outcome After Ischemic Stroke. Current Neurovascular Research, 2018, 15, 226-233.	0.4	7
72	Soluble TREM2 is associated with death and cardiovascular events after acute ischemic stroke: an observational study from CATIS. Journal of Neuroinflammation, 2022, 19, 88.	3.1	7

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73	Clustering of cardiovascular risk factors and stroke: a prospective cohort study in Inner Mongolia. Neurological Research, 2016, 38, 988-993.	0.6	6
74	Predictive value of serum soluble corin in the risk of hyperglycemia: A population-based prospective cohort study in China. Clinica Chimica Acta, 2018, 479, 138-143.	0.5	6
75	Coexistence effect of hypertension and angiotensin II on the risk of coronary heart disease: a population-based prospective cohort study among Inner Mongolians in China. Current Medical Research and Opinion, 2019, 35, 1473-1478.	0.9	6
76	Associations between potentially functional CORIN SNPs and serum corin levels in the Chinese Han population. BMC Genetics, 2019, 20, 99.	2.7	6
77	Higher heart rates increase risk of diabetes and cardiovascular events: A prospective cohort study among Inner Mongolians. Diabetes and Metabolism, 2020, 46, 20-26.	1.4	6
78	Prognostic value of plasma fibroblast growth factor 21 among patients with acute ischemic stroke. European Journal of Neurology, 2021, 28, 844-851.	1.7	6
79	Plasma soluble suppression of tumorigenicity 2 and depression after acute ischemic stroke. European Journal of Neurology, 2021, 28, 868-876.	1.7	6
80	Soluble ST2 and risk of cognitive impairment after acute ischemic stroke: a prospective observational study. BMC Geriatrics, 2021, 21, 330.	1.1	6
81	The association between plasma soluble triggering receptor expressed on myeloid cells 2 and cognitive impairment after acute ischemic stroke. Journal of Affective Disorders, 2022, 299, 287-293.	2.0	6
82	Association of DNA Methylation in Blood Pressure-Related Genes With Ischemic Stroke Risk and Prognosis. Frontiers in Cardiovascular Medicine, 2022, 9, 796245.	1.1	6
83	Association of Biomarkers of Inflammation and Endothelial Dysfunction with Fasting and Postload Glucose Metabolism: A Population-Based Prospective Cohort Study Among Inner Mongolians in China. Canadian Journal of Diabetes, 2016, 40, 509-514.	0.4	5
84	Platelet counts affect the prognostic value of homocysteine in acute ischemic stroke patients. Atherosclerosis, 2019, 285, 163-169.	0.4	5
85	Family history of stroke and death or vascular events within one year after ischemic stroke. Neurological Research, 2019, 41, 466-472.	0.6	5
86	Angiopoietinâ€ike protein 4 and clinical outcomes in ischemic stroke patients. Annals of Clinical and Translational Neurology, 2021, 8, 687-695.	1.7	5
87	Occupational class differences in outcomes after ischemic stroke: a prospective observational study. BMC Public Health, 2021, 21, 1571.	1.2	5
88	Effect of immediate blood pressure reduction on post-stroke depression in ischemic stroke patients: A substudy of CATIS trial. Journal of Affective Disorders, 2022, 300, 195-202.	2.0	5
89	Hypertension and elevated C-reactive protein: Future risk of ischemic stroke in a prospective cohort study among inner Mongolians in China. International Journal of Cardiology, 2014, 174, 455-456.	0.8	4
90	Utility of Framingham general cardiovascular disease risk score for predicting 10-year cardiovascular risk in an inner Mongolian population: A prospective cohort study. International Journal of Cardiology, 2014, 172, 274-275.	0.8	4

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91	Combined effects of family history of CVD and heart rate on ischemic stroke incidence among Inner Mongolians in China. Neurological Research, 2016, 38, 441-447.	0.6	4
92	Early antihypertensive treatment and clinical outcomes in acute ischemic stroke. Journal of Hypertension, 2018, 36, 1372-1381.	0.3	4
93	Association between serum hepatocyte growth factor and prognosis of ischemic stroke: The role of blood lipid status. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 492-499.	1.1	4
94	Combined effect of serum N-terminal pro-brain natriuretic peptide and galectin-3 on prognosis 1Âyear after ischemic stroke. Clinica Chimica Acta, 2020, 511, 33-39.	0.5	4
95	Association of <i>CHI3L1</i> gene variants with YKLâ€40 levels and hypertension incidence: A populationâ€based nested caseâ€control study in China. Journal of Cellular and Molecular Medicine, 2021, 25, 919-924.	1.6	4
96	Association between serum matrix metalloproteinase-9 and poor prognosis in acute ischemic stroke patients: The role of dyslipidemia. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 209-215.	1,1	4
97	Association between serum netrin-1 and prognosis of ischemic stroke: The role of lipid component levels. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 852-859.	1.1	4
98	Multivitamin/mineral supplementation and the risk of cardiovascular disease: a large prospective study using UK Biobank data. European Journal of Nutrition, 2022, 61, 2909-2917.	1.8	4
99	Sex differences in association between decreased glomerular filtration rate and prolongation of corrected QT interval in general Chinese population. European Journal of Internal Medicine, 2017, 43, e33-e35.	1.0	3
100	Effect of renal function on association between uric acid and prognosis in acute ischemic stroke patients with elevated systolic blood pressure. Neurological Research, 2020, 42, 923-929.	0.6	3
101	Predictive Value of Cystatin C for Stroke Recurrence in Patients With Acute Ischemic Stroke. Circulation Journal, 2021, 85, 213-219.	0.7	3
102	China Antihypertensive Trial in Acute Ischemic Stroke II (CATIS-2): rationale and design. Stroke and Vascular Neurology, 2021, 6, 286-290.	1.5	3
103	Circulating choline pathway nutrients and depression after ischemic stroke. European Journal of Neurology, 2022, 29, 459-468.	1.7	3
104	Causal effect of Lipoprotein-associated phospholipase A2 activity on coronary artery disease and myocardial Infarction: A Two-Sample Mendelian Randomization study. Clinica Chimica Acta, 2021, 523, 491-496.	0.5	3
105	Serum Growth Differentiation Factor 15 Levels Are Associated With Depression After Ischemic Stroke. Journal of the American Heart Association, 2022, 11, e022607.	1.6	3
106	Effect of renal function status on the prognostic value of heart rate in acute ischemic stroke patients. Atherosclerosis, 2017, 263, 1-6.	0.4	2
107	Plasma proANP 1–98 levels are positively associated with central obesity: A cross-sectional study in a general population of China. Clinica Chimica Acta, 2017, 469, 26-30.	0.5	2
108	Putative functional SNPs in SLC22A3 and H3F3B might influence the development of CAD by regulating the lipid levels. Thrombosis Research, 2018, 168, 37-39.	0.8	2

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109	Renal Function Affects Prognostic Role of Antiphosphatidylserine Antibodies for Acute Ischemic Stroke Patients. Cerebrovascular Diseases, 2019, 48, 1-8.	0.8	2
110	Influence of lipoprotein-associated phospholipase A2 mass on prognosis value of baseline platelet count for clinical outcomes after acute ischemic stroke. Atherosclerosis, 2020, 306, 50-56.	0.4	2
111	Validation and comparison of prognostic scales in Chinese patients with ischemic stroke: a prospective study from CATIS. Neurological Research, 2021, , 1-8.	0.6	2
112	Promoter DNA Methylation in GWAS-Identified Genes as Potential Functional Elements for Blood Pressure: An Observational and Mendelian Randomization Study. Frontiers in Genetics, 2021, 12, 791146.	1.1	2
113	Serum Dickkopf-1 levels and poststroke depression in ischemic stroke patients. Journal of Affective Disorders, 2022, 310, 337-342.	2.0	2
114	Metabolomics on vascular events and death after acute ischemic stroke: A prospective matched nested case-control study. Atherosclerosis, 2022, 351, 1-8.	0.4	2
115	Antihypertensive Therapy After Acute Ischemic Strokeâ€"Reply. JAMA - Journal of the American Medical Association, 2014, 311, 2334.	3.8	1
116	Hypertension Control Prevalence Estimates Should Account for Age. American Journal of Hypertension, 2014, 27, 1426-1426.	1.0	1
117	Decreased serum netrin-1 is associated with ischemic stroke: A case–control study. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 2328-2334.	1.1	1
118	Elevated Serum Human Cytomegalovirus IgM Levels in the Acute Phase of Ischemic Stroke are Associated with Increased Risk of Death and Major Disability. Current Neurovascular Research, 2019, 15, 305-311.	0.4	1
119	Combined action of C-reactive protein and lipid profiles on risk of hypertension and prehypertension in Mongolian adults in Inner Mongolia, China. Chinese Medical Journal, 2014, 127, 2016-20.	0.9	1
120	Utility of <i>China</i> -PAR stroke equations for predicting 10-year stroke risk in the rural Inner Mongolian population in China. Neurological Research, 0, , 1 -6.	0.6	1
121	Blood pressure components and stroke in Inner Mongolians — A prospective cohort study. International Journal of Cardiology, 2014, 176, 1339-1340.	0.8	0
122	Reply to: $\hat{a} \in \mathbb{C}Prognostic$ value of lipoprotein-associated phospholipase A2 mass for all-cause mortality and vascular events within one year after acute ischemic stroke: Methodological issues $\hat{a} \in \mathbb{C}P$ Atherosclerosis, 2018, 268, 233-234.	0.4	0
123	Response to letter of "hemoglobin level as a predictor of clinical outcome in patients with ischemic stroke―by Tomoyuki Kawada. Journal of the Neurological Sciences, 2019, 399, 207-208.	0.3	0
124	Serum dickkopf-3 is associated with death and vascular events after ischemic stroke: an observational study from CATIS. Journal of Neuroinflammation, 2020, 17, 12.	3.1	0
125	The U-shaped Relationship Between Serum Methylene Tetrahydrofolate Reductase and Large-artery Atherosclerotic Stroke. Current Neurovascular Research, 2019, 16, 82-88.	0.4	0
126	Association Between Plasma L-Carnitine and Cognitive Impairment in Patients with Acute Ischemic Stroke. Journal of Alzheimer's Disease, 2022, 86, 259-270.	1.2	0

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127	Association of serum growth differentiation factor-15 levels with the risks of death and vascular events in patients with ischemic stroke: The role of diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 616-623.	1.1	O