

J David Spence

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

474
papers

31,281
citations

73
h-index

170
g-index

633
ext. papers

35,281
ext. citations

7.4
avg, IF

7.34
L-index

#	Paper	IF	Citations
474	Beneficial effect of carotid endarterectomy in symptomatic patients with high-grade carotid stenosis. <i>New England Journal of Medicine</i> , 1991 , 325, 445-53	59.2	7124
473	Benefit of carotid endarterectomy in patients with symptomatic moderate or severe stenosis. North American Symptomatic Carotid Endarterectomy Trial Collaborators. <i>New England Journal of Medicine</i> , 1998 , 339, 1415-25	59.2	2821
472	Lowering homocysteine in patients with ischemic stroke to prevent recurrent stroke, myocardial infarction, and death: the Vitamin Intervention for Stroke Prevention (VISP) randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 291, 565-75	27.4	944
471	Atrial fibrillation in patients with cryptogenic stroke. <i>New England Journal of Medicine</i> , 2014 , 370, 2467-75	59.2	796
470	Pioglitazone after Ischemic Stroke or Transient Ischemic Attack. <i>New England Journal of Medicine</i> , 2016 , 374, 1321-31	59.2	654
469	Pharmacokinetic-pharmacodynamic consequences and clinical relevance of cytochrome P450 3A4 inhibition. <i>Clinical Pharmacokinetics</i> , 2000 , 38, 41-57	6.2	623
468	Grapefruit juice-drug interactions. <i>British Journal of Clinical Pharmacology</i> , 1998 , 46, 101-10	3.8	579
467	Patent Foramen Ovale Closure or Antiplatelet Therapy for Cryptogenic Stroke. <i>New England Journal of Medicine</i> , 2017 , 377, 1033-1042	59.2	566
466	Interaction of citrus juices with felodipine and nifedipine. <i>Lancet, The</i> , 1991 , 337, 268-9	40	521
465	Low-dose and high-dose acetylsalicylic acid for patients undergoing carotid endarterectomy: a randomised controlled trial. ASA and Carotid Endarterectomy (ACE) Trial Collaborators. <i>Lancet, The</i> , 1999 , 353, 2179-84	40	457
464	Carotid plaque area: a tool for targeting and evaluating vascular preventive therapy. <i>Stroke</i> , 2002 , 33, 2916-22	6.7	448
463	Cardiovascular Efficacy and Safety of Bococizumab in High-Risk Patients. <i>New England Journal of Medicine</i> , 2017 , 376, 1527-1539	59.2	390
462	Carotid endarterectomy--an evidence-based review: report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. <i>Neurology</i> , 2005 , 65, 794-801	6.5	386
461	Effects of lowering homocysteine levels with B vitamins on cardiovascular disease, cancer, and cause-specific mortality: Meta-analysis of 8 randomized trials involving 37 485 individuals. <i>Archives of Internal Medicine</i> , 2010 , 170, 1622-31		348
460	Psychological stress and the progression of carotid artery disease. <i>Journal of Hypertension</i> , 1997 , 15, 49-55	1.9	292
459	Effects of intensive medical therapy on microemboli and cardiovascular risk in asymptomatic carotid stenosis. <i>Archives of Neurology</i> , 2010 , 67, 180-6		254
458	Geometry of the carotid bifurcation predicts its exposure to disturbed flow. <i>Stroke</i> , 2008 , 39, 2341-7	6.7	250

457	Combining multiple approaches for the secondary prevention of vascular events after stroke: a quantitative modeling study. <i>Stroke</i> , 2007 , 38, 1881-5	6.7	240
456	Effects of folic acid supplementation on overall and site-specific cancer incidence during the randomised trials: meta-analyses of data on 50,000 individuals. <i>Lancet, The</i> , 2013 , 381, 1029-36	4.0	233
455	B vitamins in patients with recent transient ischaemic attack or stroke in the VITamins TO Prevent Stroke (VITATOPS) trial: a randomised, double-blind, parallel, placebo-controlled trial. <i>Lancet Neurology, The</i> , 2010 , 9, 855-65	24.1	228
454	Effect of B-vitamin therapy on progression of diabetic nephropathy: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1603-9	27.4	210
453	HDL-cholesterol-raising effect of orange juice in subjects with hypercholesterolemia. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 1095-100	7	205
452	Vitamin Intervention For Stroke Prevention trial: an efficacy analysis. <i>Stroke</i> , 2005 , 36, 2404-9	6.7	204
451	Reconstruction of carotid bifurcation hemodynamics and wall thickness using computational fluid dynamics and MRI. <i>Magnetic Resonance in Medicine</i> , 2002 , 47, 149-59	4.4	199
450	Grapefruit juice--felodipine interaction: mechanism, predictability, and effect of naringin. <i>Clinical Pharmacology and Therapeutics</i> , 1993 , 53, 637-42	6.1	197
449	3D ultrasound measurement of change in carotid plaque volume: a tool for rapid evaluation of new therapies. <i>Stroke</i> , 2005 , 36, 1904-9	6.7	196
448	Clinical pharmacokinetics of fibric acid derivatives (fibrates). <i>Clinical Pharmacokinetics</i> , 1998 , 34, 155-62	6.2	193
447	Absence of microemboli on transcranial Doppler identifies low-risk patients with asymptomatic carotid stenosis. <i>Stroke</i> , 2005 , 36, 2373-8	6.7	187
446	Measurement of carotid plaque volume by 3-dimensional ultrasound. <i>Stroke</i> , 2004 , 35, 864-9	6.7	168
445	Variation in the carotid bifurcation geometry of young versus older adults: implications for geometric risk of atherosclerosis. <i>Stroke</i> , 2005 , 36, 2450-6	6.7	167
444	Homocysteine-lowering therapy: a role in stroke prevention?. <i>Lancet Neurology, The</i> , 2007 , 6, 830-8	24.1	165
443	Relationship between blood pressure and stroke risk in patients with symptomatic carotid occlusive disease. <i>Stroke</i> , 2003 , 34, 2583-90	6.7	165
442	Effect of grapefruit juice and naringin on nisoldipine pharmacokinetics. <i>Clinical Pharmacology and Therapeutics</i> , 1993 , 54, 589-94	6.1	159
441	Effects of homocysteine lowering with B vitamins on cognitive aging: meta-analysis of 11 trials with cognitive data on 22,000 individuals. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 657-66	7	152
440	Dietary intervention to reverse carotid atherosclerosis. <i>Circulation</i> , 2010 , 121, 1200-8	16.7	150

439	Grapefruit juice and drugs. How significant is the interaction?. <i>Clinical Pharmacokinetics</i> , 1994 , 26, 91-8	6.2	141
438	Technology Insight: ultrasound measurement of carotid plaque--patient management, genetic research, and therapy evaluation. <i>Nature Clinical Practice Neurology</i> , 2006 , 2, 611-9		136
437	Angiotensin II antagonists for hypertension: are there differences in efficacy?. <i>American Journal of Hypertension</i> , 2000 , 13, 418-26	2.3	129
436	Supplemental Vitamins and Minerals for CVD Prevention and Treatment. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2570-2584	15.1	127
435	Noninvasive phenotypes of atherosclerosis: similar windows but different views. <i>Stroke</i> , 2004 , 35, 649-53	3.7	125
434	Atrial premature beats predict atrial fibrillation in cryptogenic stroke: results from the EMBRACE trial. <i>Stroke</i> , 2015 , 46, 936-41	6.7	123
433	Lipids and stroke: a paradox resolved. <i>Archives of Neurology</i> , 1996 , 53, 303-8		119
432	Ultrasound measurement of carotid plaque as a surrogate outcome for coronary artery disease. <i>American Journal of Cardiology</i> , 2002 , 89, 10B-15B; discussion 15B-16B	3	117
431	Socioeconomic status and stroke incidence, prevalence, mortality, and worldwide burden: an ecological analysis from the Global Burden of Disease Study 2017. <i>BMC Medicine</i> , 2019 , 17, 191	11.4	116
430	Sex differences in carotid plaque and stenosis. <i>Stroke</i> , 2004 , 35, 477-81	6.7	115
429	Plasma homocyst(e)ine concentration, but not MTHFR genotype, is associated with variation in carotid plaque area. <i>Stroke</i> , 1999 , 30, 969-73	6.7	109
428	Progression of carotid plaque volume predicts cardiovascular events. <i>Stroke</i> , 2013 , 44, 1859-65	6.7	108
427	Nitrous oxide-induced increased homocysteine concentrations are associated with increased postoperative myocardial ischemia in patients undergoing carotid endarterectomy. <i>Anesthesia and Analgesia</i> , 2000 , 91, 1073-9	3.9	107
426	Treating arteries instead of risk factors: a paradigm change in management of atherosclerosis. <i>Stroke</i> , 2010 , 41, 1193-9	6.7	106
425	Mechanisms of Stroke in COVID-19. <i>Cerebrovascular Diseases</i> , 2020 , 49, 451-458	3.2	99
424	Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. <i>Lancet Neurology</i> , 2018 , 17, 1053-1060	24.1	99
423	High-risk asymptomatic carotid stenosis: ulceration on 3D ultrasound vs TCD microemboli. <i>Neurology</i> , 2011 , 77, 744-50	6.5	98
422	Effect of non-steroidal anti-inflammatory drugs on control of hypertension by beta-blockers and diuretics. <i>Lancet</i> , 1986 , 1, 997-1001	40	95

421	Angiotensin inhibition in renovascular disease: a population-based cohort study. <i>American Heart Journal</i> , 2008 , 156, 549-55	4.9	94
420	Dietary cholesterol and egg yolks: not for patients at risk of vascular disease. <i>Canadian Journal of Cardiology</i> , 2010 , 26, e336-9	3.8	91
419	Validation of 3D ultrasound vessel wall volume: an imaging phenotype of carotid atherosclerosis. <i>Ultrasound in Medicine and Biology</i> , 2007 , 33, 905-14	3.5	91
418	Erythromycin-felodipine interaction: magnitude, mechanism, and comparison with grapefruit juice. <i>Clinical Pharmacology and Therapeutics</i> , 1996 , 60, 25-33	6.1	90
417	Hypertension in acute ischemic strokes. Treat. <i>Archives of Neurology</i> , 1985 , 42, 1000-2		89
416	Cryptogenic stroke and patent foramen ovale: clinical clues to paradoxical embolism. <i>Journal of the Neurological Sciences</i> , 2008 , 275, 121-7	3.2	88
415	Vitamin Intervention for Stroke Prevention (VISP) trial: rationale and design. <i>Neuroepidemiology</i> , 2001 , 20, 16-25	5.4	88
414	Hypocholesterolemic effects of dietary citrus juices in rabbits. <i>Nutrition Research</i> , 2000 , 20, 121-129	4	88
413	What level of plasma homocyst(e)ine should be treated? Effects of vitamin therapy on progression of carotid atherosclerosis in patients with homocyst(e)ine levels above and below 14 micromol/L. <i>American Journal of Hypertension</i> , 2000 , 13, 105-10	2.3	87
412	Secular trends in ischemic stroke subtypes and stroke risk factors. <i>Stroke</i> , 2014 , 45, 3208-13	6.7	86
411	Genetic variation in PPARG encoding peroxisome proliferator-activated receptor gamma associated with carotid atherosclerosis. <i>Stroke</i> , 2004 , 35, 2036-40	6.7	83
410	Pharmacokinetics of the combination of fluvastatin and gemfibrozil. <i>American Journal of Cardiology</i> , 1995 , 76, 80A-83A	3	83
409	Blood pressure gradients in cerebral arteries: a clue to pathogenesis of cerebral small vessel disease. <i>Stroke and Vascular Neurology</i> , 2017 , 2, 108-117	9.1	82
408	New and emerging weight management strategies for busy ambulatory settings: a scientific statement from the American Heart Association endorsed by the Society of Behavioral Medicine. <i>Circulation</i> , 2011 , 124, 1182-203	16.7	81
407	Differences between carotid wall morphological phenotypes measured by ultrasound in one, two and three dimensions. <i>Atherosclerosis</i> , 2005 , 178, 319-25	3.1	80
406	Metabolic vitamin B12 deficiency: a missed opportunity to prevent dementia and stroke. <i>Nutrition Research</i> , 2016 , 36, 109-16	4	78
405	Nutrition and stroke prevention. <i>Stroke</i> , 2006 , 37, 2430-5	6.7	77
404	Vitamins and progression of atherosclerosis in hyper-homocyst(e)inaemia. <i>Lancet, The</i> , 1998 , 351, 263	4.0	76

403	Metabolic products of the intestinal microbiome and extremes of atherosclerosis. <i>Atherosclerosis</i> , 2018 , 273, 91-97	3.1	75
402	Measurement of intima-media thickness vs. carotid plaque: uses in patient care, genetic research and evaluation of new therapies. <i>International Journal of Stroke</i> , 2006 , 1, 216-21	6.3	75
401	Three-dimensional ultrasound quantification of intensive statin treatment of carotid atherosclerosis. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 1763-72	3.5	72
400	Quantification of carotid plaque volume measurements using 3D ultrasound imaging. <i>Ultrasound in Medicine and Biology</i> , 2005 , 31, 751-62	3.5	72
399	B vitamins in stroke prevention: time to reconsider. <i>Lancet Neurology</i> , 2017 , 16, 750-760	24.1	71
398	Antihypertensive treatment can prevent stroke and cognitive decline. <i>Nature Reviews Neurology</i> , 2013 , 9, 174-8	15	70
397	An approach to ascertain probands with a non-traditional risk factor for carotid atherosclerosis. <i>Atherosclerosis</i> , 1999 , 144, 429-34	3.1	69
396	Phenytoin-theophylline interaction. <i>New England Journal of Medicine</i> , 1982 , 307, 1189-90	59.2	69
395	Tolerance to nicotinic acid flushing. <i>Clinical Pharmacology and Therapeutics</i> , 1991 , 50, 66-70	6.1	67
394	Serum metabolism of bradykinin and des-Arg9-bradykinin in patients with angiotensin-converting enzyme inhibitor-associated angioedema. <i>Immunopharmacology</i> , 1999 , 43, 293-302		66
393	Egg yolk consumption and carotid plaque. <i>Atherosclerosis</i> , 2012 , 224, 469-73	3.1	63
392	Understanding the complexity of homocysteine lowering with vitamins: the potential role of subgroup analyses. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2610-1	27.4	62
391	Role of renin-angiotensin system blockade in atherosclerotic renal artery stenosis and renovascular hypertension. <i>Hypertension</i> , 2007 , 50, 998-1003	8.5	62
390	Complications of Type 2 Diabetes Among Aboriginal Canadians: prevalence and associated risk factors. <i>Diabetes Care</i> , 2005 , 28, 2054-7	14.6	61
389	Benign intracranial hypertension without papilledema: role of 24-hour cerebrospinal fluid pressure monitoring in diagnosis and management. <i>Neurosurgery</i> , 1980 , 7, 326-36	3.2	61
388	Grapefruit juice-felodipine interaction: reproducibility and characterization with the extended release drug formulation. <i>British Journal of Clinical Pharmacology</i> , 1995 , 40, 135-40	3.8	61
387	Three-dimensional carotid ultrasound plaque texture predicts vascular events. <i>Stroke</i> , 2014 , 45, 2695-706	7.7	60
386	Grapefruit juice-terfenadine single-dose interaction: magnitude, mechanism, and relevance. <i>Clinical Pharmacology and Therapeutics</i> , 1997 , 61, 401-9	6.1	60

385	Recurrent stroke and patent foramen ovale: a systematic review and meta-analysis. <i>Stroke</i> , 2014 , 45, 3352-9	6.7	59
384	Quantification of carotid vessel wall and plaque thickness change using 3D ultrasound images. <i>Medical Physics</i> , 2008 , 35, 3691-710	4.4	59
383	Vitamin B12, homocysteine and carotid plaque in the era of folic acid fortification of enriched cereal grain products. <i>Cmaj</i> , 2005 , 172, 1569-73	3.5	57
382	Preoperative oral B vitamins prevent nitrous oxide-induced postoperative plasma homocysteine increases. <i>Anesthesia and Analgesia</i> , 2001 , 93, 1507-10, table of contents	3.9	56
381	The Use of Intraoperative Nitrous Oxide Leads to Postoperative Increases in Plasma Homocysteine. <i>Anesthesia and Analgesia</i> , 1998 , 87, 711-713	3.9	55
380	Lipoprotein(a) is associated differentially with carotid stenosis, occlusion, and total plaque area. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1851-6	9.4	54
379	Physiologic Tailoring of Therapy for Resistant Hypertension: 20 Years Experience With Stimulated Renin Profiling. <i>American Journal of Hypertension</i> , 1999 , 12, 1077-1083	2.3	54
378	Effects of aldosterone on human atherosclerosis: plasma aldosterone and progression of carotid plaque. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 706-11	3.8	52
377	Hypertension in Blacks: Individualized Therapy Based on Renin/Aldosterone Phenotyping. <i>Hypertension</i> , 2018 , 72, 263-269	8.5	52
376	Physiological Phenotyping for Personalized Therapy of Uncontrolled Hypertension in Africa. <i>American Journal of Hypertension</i> , 2017 , 30, 923-930	2.3	51
375	Folic Acid Therapy Reduces the First Stroke Risk Associated With Hypercholesterolemia Among Hypertensive Patients. <i>Stroke</i> , 2016 , 47, 2805-2812	6.7	51
374	Premature atherosclerosis is associated with hypovitaminosis D and angiotensin-converting enzyme inhibitor non-use in lupus patients. <i>American Journal of the Medical Sciences</i> , 2012 , 344, 268-73	2.2	49
373	CT perfusion imaging in cerebral ischemia. <i>Stroke</i> , 2005 , 36, 1-3; author reply 1-3	6.7	49
372	Imaging atherosclerosis with hybrid [18F]fluorodeoxyglucose positron emission tomography/computed tomography imaging: what Leonardo da Vinci could not see. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 1211-25	2.1	48
371	Drug interactions with grapefruit: whose responsibility is it to warn the public?. <i>Clinical Pharmacology and Therapeutics</i> , 1997 , 61, 395-400	6.1	48
370	Effect of usual doses of folate supplementation on elevated plasma homocyst(e)ine in hemodialysis patients: no difference between 1 and 5 mg daily. <i>American Journal of Nephrology</i> , 1999 , 19, 405-10	4.6	48
369	Definition of Best Medical Treatment in Asymptomatic and Symptomatic Carotid Artery Stenosis. <i>Angiology</i> , 2016 , 67, 411-9	2.1	46
368	3D ultrasound analysis of carotid plaque volume and surface morphology. <i>Ultrasonics</i> , 2006 , 44 Suppl 1, e153-7	3.5	46

367	Antihypertensive drugs and prevention of atherosclerotic stroke. <i>Stroke</i> , 1986 , 17, 808-10	6.7	46
366	Ethanol enhances the hemodynamic effects of felodipine. <i>Clinical and Investigative Medicine</i> , 1989 , 12, 357-62	0.9	46
365	Single nucleotide polymorphism in CTH associated with variation in plasma homocysteine concentration. <i>Clinical Genetics</i> , 2004 , 65, 483-6	4	45
364	Problems in design of stroke treatment trials. <i>Stroke</i> , 1982 , 13, 94-9	6.7	45
363	Effect of renal impairment on atherosclerosis: only partially mediated by homocysteine. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 937-44	4.3	44
362	Extremes of unexplained variation as a phenotype: an efficient approach for genome-wide association studies of cardiovascular disease. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 215-21		44
361	Prognosis for patients following a transient ischemic attack with and without a cerebral infarction on brain CT. North American Symptomatic Carotid Endarterectomy Trial (NASCET) Group. <i>Neurology</i> , 1995 , 45, 428-31	6.5	44
360	Antiplatelet Therapy in Ischemic Stroke and Transient Ischemic Attack. <i>Stroke</i> , 2019 , 50, 773-778	6.7	44
359	The effect of flax seed cultivars with differing content of alpha-linolenic acid and lignans on responses to mental stress. <i>Journal of the American College of Nutrition</i> , 2003 , 22, 494-501	3.5	43
358	Spectrum of benign intracranial hypertension in children and adolescents. <i>Childs Nervous System</i> , 1985 , 1, 81-6	1.7	43
357	Deep learning-based carotid media-adventitia and lumen-intima boundary segmentation from three-dimensional ultrasound images. <i>Medical Physics</i> , 2019 , 46, 3180-3193	4.4	42
356	Pioglitazone Therapy in Patients With Stroke and Prediabetes: A Post Hoc Analysis of the IRIS Randomized Clinical Trial. <i>JAMA Neurology</i> , 2019 , 76, 526-535	17.2	42
355	Volume of carotid artery ulceration as a predictor of cardiovascular events. <i>Stroke</i> , 2014 , 45, 1437-41	6.7	42
354	The acetylcholinesterase oxime reactivator HI-6 in man: pharmacokinetics and tolerability in combination with atropine. <i>Biopharmaceutics and Drug Disposition</i> , 1995 , 16, 415-25	1.7	42
353	Hemodynamic modification of aortic atherosclerosis. Effects of propranolol vs hydralazine in hypertensive hyperlipidemic rabbits. <i>Atherosclerosis</i> , 1984 , 50, 325-33	3.1	42
352	Transcranial Doppler is Complementary to Echocardiography for Detection and Risk Stratification of Patent Foramen Ovale. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 986.e9-986.e16	3.8	41
351	Importance of sex and gender in atherosclerosis and cardiovascular disease. <i>Atherosclerosis</i> , 2015 , 241, 208-10	3.1	41
350	Infection-susceptibility alleles of mannose-binding lectin are associated with increased carotid plaque area. <i>Journal of Investigative Medicine</i> , 2000 , 48, 198-202	2.9	41

349	How to identify which patients with asymptomatic carotid stenosis could benefit from endarterectomy or stenting. <i>Stroke and Vascular Neurology</i> , 2018 , 3, 92-100	9.1	40
348	Smoking cessation and outcome after ischemic stroke or TIA. <i>Neurology</i> , 2017 , 89, 1723-1729	6.5	40
347	Why calls for more routine carotid stenting are currently inappropriate: an international, multispecialty, expert review and position statement. <i>Stroke</i> , 2013 , 44, 1186-90	6.7	38
346	Longitudinal ultrasound evaluation of carotid atherosclerosis in one, two and three dimensions. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 367-75	3.5	38
345	Blood pressure measurement in the elderly: correlation of arterial stiffness with difference between intra-arterial and cuff pressures. <i>Journal of Hypertension</i> , 1985 , 3, 231-5	1.9	38
344	1999 Canadian recommendations for the management of hypertension. Task Force for the Development of the 1999 Canadian Recommendations for the Management of Hypertension. <i>Cmaj</i> , 1999 , 161 Suppl 12, S1-17	3.5	38
343	Intra-arterial thrombolysis of occluded middle cerebral artery by use of collateral pathways in patients with tandem cervical carotid artery/middle cerebral artery occlusion. <i>American Journal of Neuroradiology</i> , 2008 , 29, 1596-600	4.4	37
342	Combination therapy with colestipol and psyllium mucilloid in patients with hyperlipidemia. <i>Annals of Internal Medicine</i> , 1995 , 123, 493-9	8	37
341	Cryptogenic Stroke. <i>New England Journal of Medicine</i> , 2016 , 375, e26	59.2	36
340	A comparison of ultrasound measurements to assess carotid atherosclerosis development in subjects with and without type 2 diabetes. <i>Cardiovascular Ultrasound</i> , 2005 , 3, 15	2.4	36
339	Noninvasive phenotypes of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, e188; author reply e188-9	9.4	35
338	Overcoming Challenges With Statin Therapy. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	34
337	Pioglitazone for secondary prevention after ischemic stroke and transient ischemic attack: rationale and design of the Insulin Resistance Intervention after Stroke Trial. <i>American Heart Journal</i> , 2014 , 168, 823-9.e6	4.9	34
336	Lipoprotein lipase (LPL) gene variation and progression of carotid artery plaque. <i>Stroke</i> , 2003 , 34, 1176-80	7	34
335	SPARKLE (Subtypes of Ischaemic Stroke Classification System), incorporating measurement of carotid plaque burden: a new validated tool for the classification of ischemic stroke subtypes. <i>Neuroepidemiology</i> , 2014 , 42, 243-51	5.4	33
334	Carnitine therapy for the treatment of metabolic syndrome and cardiovascular disease: evidence and controversies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 808-14	4.5	32
333	Lessons from Africa: the importance of measuring plasma renin and aldosterone in resistant hypertension. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 254-7	3.8	32
332	Mapping spatial and temporal changes in carotid atherosclerosis from three-dimensional ultrasound images. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 64-72	3.5	32

331	Relationship of the metabolic syndrome to carotid ultrasound traits. <i>Cardiovascular Ultrasound</i> , 2006 , 4, 28	2.4	32
330	3D ultrasound imaging of the carotid arteries. <i>Current Drug Targets Cardiovascular & Haematological Disorders</i> , 2004 , 4, 161-75		32
329	Differences in metabolism of time-release and unmodified nicotinic acid: explanation of the differences in hypolipidemic action?. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 879-81	12.7	31
328	[F]-NaF PET/CT Identifies Active Calcification in Carotid Plaque. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 486-488	8.4	30
327	Risk of Stroke at the Time of Carotid Occlusion. <i>JAMA Neurology</i> , 2015 , 72, 1261-7	17.2	30
326	Homocysteine lowering for stroke prevention: Unravelling the complexity of the evidence. <i>International Journal of Stroke</i> , 2016 , 11, 744-7	6.3	30
325	[18F]-Fluorodeoxyglucose PET/CT imaging as a marker of carotid plaque inflammation: Comparison to immunohistology and relationship to acuity of events. <i>International Journal of Cardiology</i> , 2018 , 271, 378-386	3.2	30
324	Hypertension in blacks: insights from Africa. <i>Journal of Hypertension</i> , 2017 , 35, 234-239	1.9	29
323	High Frequency of Variants of Candidate Genes in Black Africans with Low Renin-Resistant Hypertension. <i>American Journal of Hypertension</i> , 2017 , 30, 478-483	2.3	29
322	Resistant Atherosclerosis: The Need for Monitoring of Plaque Burden. <i>Stroke</i> , 2017 , 48, 1624-1629	6.7	28
321	Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications. <i>Journal of Renal Nutrition</i> , 2019 , 29, 55-64	3	28
320	Cerebrovascular events on awakening, patent foramen ovale and obstructive sleep apnea syndrome. <i>Journal of the Neurological Sciences</i> , 2008 , 268, 193-4	3.2	28
319	Effects of antihypertensive drugs on blood velocity in rhesus monkeys. <i>Stroke</i> , 1977 , 8, 589-94	6.7	28
318	CADASIL accelerated by acute hypotension: Arterial and venous contribution to leukoaraiosis. <i>Neurology</i> , 2017 , 88, 1077-1080	6.5	27
317	Mediterranean Diet Score: Associations with Metabolic Products of the Intestinal Microbiome, Carotid Plaque Burden, and Renal Function. <i>Nutrients</i> , 2018 , 10,	6.7	27
316	B vitamin therapy for homocysteine: renal function and vitamin B12 determine cardiovascular outcomes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 633-7	5.9	27
315	Tutorial in biostatistics: Analyzing associations between total plasma homocysteine and B vitamins using optimal categorization and segmented regression. <i>Neuroepidemiology</i> , 2006 , 27, 188-200	5.4	27
314	Non-invasive assessment of atherosclerosis risk. <i>Current Drug Targets Cardiovascular & Haematological Disorders</i> , 2004 , 4, 125-8		27

313	Grapefruit juice-drug interactions. 1998. <i>British Journal of Clinical Pharmacology</i> , 2004 , 58, S831-40; discussion S841-3	3.8	27
312	Management of resistant hypertension in patients with carotid stenosis: high prevalence of renovascular hypertension. <i>Cerebrovascular Diseases</i> , 2000 , 10, 249-54	3.2	27
311	Endarterectomy or angioplasty for treatment of carotid stenosis?. <i>Lancet, The</i> , 2001 , 357, 1722-3	4.0	27
310	Nutrition and Risk of Stroke. <i>Nutrients</i> , 2019 , 11,	6.7	26
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