

Michael Knoflach

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,759
citations

279798

23
h-index

182427

51
g-index

71
all docs

71
docs citations

71
times ranked

5260
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Autoimmune and Inflammatory Mechanisms in Atherosclerosis. Annual Review of Immunology, 2004, 22, 361-403. | 21.8 | 379 |
| 2 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836. | 21.4 | 281 |
| 3 | Cadmium Is a Novel and Independent Risk Factor for Early Atherosclerosis Mechanisms and In Vivo Relevance. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1392-1398. | 2.4 | 245 |
| 4 | Blockade of receptor activator of nuclear factor- κ B (RANKL) signaling improves hepatic insulin resistance and prevents development of diabetes mellitus. Nature Medicine, 2013, 19, 358-363. | 30.7 | 211 |
| 5 | Cardiovascular Risk Factors and Atherosclerosis in Young Males. Circulation, 2003, 108, 1064-1069. | 1.6 | 186 |
| 6 | The osteoprotegerin/RANK/RANKL system: a bone key to vascular disease. Expert Review of Cardiovascular Therapy, 2006, 4, 801-811. | 1.5 | 144 |
| 7 | Non-Toxic Cadmium Concentrations Induce Vascular Inflammation and Promote Atherosclerosis. Circulation Journal, 2011, 75, 2491-2495. | 1.6 | 92 |
| 8 | Allergic Rhinitis, Asthma, and Atherosclerosis in the Bruneck and ARMY Studies. Archives of Internal Medicine, 2005, 165, 2521. | 3.8 | 86 |
| 9 | Cardiovascular Risk Factors and Atherosclerosis in Young Women. Stroke, 2009, 40, 1063-1069. | 2.0 | 84 |
| 10 | Predicting Early Mortality of Acute Ischemic Stroke. Stroke, 2019, 50, 349-356. | 2.0 | 71 |
| 11 | Is Functional Outcome Different in Posterior and Anterior Circulation Stroke?. Stroke, 2018, 49, 2728-2732. | 2.0 | 65 |
| 12 | Sex-Related Differences of Acute Stroke Unit Care. Stroke, 2014, 45, 1632-1638. | 2.0 | 64 |
| 13 | Pentraxin-3 as a Marker of Advanced Atherosclerosis Results from the Bruneck, ARMY and ARFY Studies. PLoS ONE, 2012, 7, e31474. | 2.5 | 63 |
| 14 | Thrombolysis and clinical outcome in patients with stroke after implementation of the Tyrol Stroke Pathway: a retrospective observational study. Lancet Neurology, The, 2015, 14, 48-56. | 10.2 | 53 |
| 15 | Validation and comparison of imaging-based scores for prediction of early stroke risk after transient ischaemic attack: a pooled analysis of individual-patient data from cohort studies. Lancet Neurology, The, 2016, 15, 1238-1247. | 10.2 | 52 |
| 16 | Do Women With Atrial Fibrillation Experience More Severe Strokes?. Stroke, 2017, 48, 778-780. | 2.0 | 44 |
| 17 | Subtherapeutic warfarin therapy entails an increased bleeding risk after stroke thrombolysis. Neurology, 2012, 79, 31-38. | 1.1 | 42 |
| 18 | Trends of r-tPA (Recombinant Tissue-Type Plasminogen Activator) Treatment and Treatment-Influencing Factors in Acute Ischemic Stroke. Stroke, 2020, 51, 1240-1247. | 2.0 | 41 |

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|----|--|-----|-----------|
| 19 | Stroke Thrombolysis: Having More Time Translates Into Delayed Therapy. <i>Stroke</i> , 2010, 41, 2001-2004. | 2.0 | 37 |
| 20 | STROKE-CARD care to prevent cardiovascular events and improve quality of life after acute ischaemic stroke or TIA: A randomised clinical trial. <i>EClinicalMedicine</i> , 2020, 25, 100476. | 7.1 | 35 |
| 21 | Lead Contributes to Arterial Intimal Hyperplasia Through Nuclear Factor Erythroid 2-Related Factor-Mediated Endothelial Interleukin 8 Synthesis and Subsequent Invasion of Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1733-1740. | 2.4 | 34 |
| 22 | The Impact of Being Born Preterm or Small for Gestational Age on Early Vascular Aging in Adolescents. <i>Journal of Pediatrics</i> , 2018, 201, 49-54.e1. | 1.8 | 34 |
| 23 | Dynamics of heat shock protein 60 in endothelial cells exposed to cigarette smoke extract. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 777-780. | 1.9 | 25 |
| 24 | Predictive value of ABCD2 and ABCD3-I scores in TIA and minor stroke in the stroke unit setting. <i>Neurology</i> , 2016, 87, 861-869. | 1.1 | 23 |
| 25 | The dimension of preventable stroke in a large representative patient cohort. <i>Neurology</i> , 2019, 93, e2121-e2132. | 1.1 | 22 |
| 26 | ABCD3-I score and the risk of early or 3-month stroke recurrence in tissue- and time-based definitions of TIA and minor stroke. <i>Journal of Neurology</i> , 2018, 265, 530-534. | 3.6 | 21 |
| 27 | Pragmatic trial of multifaceted intervention (STROKE-CARD care) to reduce cardiovascular risk and improve quality-of-life after ischaemic stroke and transient ischaemic attack - study protocol. <i>BMC Neurology</i> , 2018, 18, 187. | 1.8 | 20 |
| 28 | Improved visualisation of early cerebral infarctions after endovascular stroke therapy using dual-energy computed tomography oedema maps. <i>European Radiology</i> , 2018, 28, 4534-4541. | 4.5 | 19 |
| 29 | Prognostic Relevance of Limb Shaking in Symptomatic Carotid Artery Occlusion. <i>Cerebrovascular Diseases</i> , 2011, 32, 35-40. | 1.7 | 18 |
| 30 | Differences in Process Management and In-Hospital Delays in Treatment with iv Thrombolysis. <i>PLoS ONE</i> , 2013, 8, e75378. | 2.5 | 17 |
| 31 | Correlation between degenerative spine disease and bone marrow density: a retrospective investigation. <i>BMC Medical Imaging</i> , 2016, 16, 17. | 2.7 | 16 |
| 32 | Recanalization of Extracranial Internal Carotid Artery Occlusion after i.v. Thrombolysis for Acute Ischemic Stroke. <i>PLoS ONE</i> , 2013, 8, e55318. | 2.5 | 15 |
| 33 | The Tyrolean early vascular ageing-study (EVA-Tyrol): study protocol for a non-randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 59. | 1.7 | 15 |
| 34 | Dual-energy computed tomography in acute ischemic stroke: state-of-the-art. <i>European Radiology</i> , 2021, 31, 4138-4147. | 4.5 | 15 |
| 35 | Prediction of infarction development after endovascular stroke therapy with dual-energy computed tomography. <i>European Radiology</i> , 2017, 27, 907-917. | 4.5 | 14 |
| 36 | Longer term patient management following stroke: A systematic review. <i>International Journal of Stroke</i> , 2021, 16, 917-926. | 5.9 | 14 |

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|----|---|-----|-----------|
| 37 | Local Signs and Symptoms in Spontaneous Cervical Artery Dissection: A Single Centre Cohort Study. <i>Journal of Stroke</i> , 2019, 21, 112-115. | 3.2 | 14 |
| 38 | Optimal Management of Asymptomatic Carotid Stenosis in 2021: The Jury is Still Out. An International, Multispecialty, Expert Review and Position Statement. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106182. | 1.6 | 14 |
| 39 | Extracellular matrix protein signature of recurrent spontaneous cervical artery dissection. <i>Neurology</i> , 2020, 95, e2047-e2055. | 1.1 | 12 |
| 40 | Cardiovascular health behaviors and associations of sex, age, and education in adolescents - Results from the EVA Tyrol study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1286-1292. | 2.6 | 12 |
| 41 | Impact of lifestyle and cardiovascular risk factors on early atherosclerosis in a large cohort of healthy adolescents: The Early Vascular Ageing (EVA)-Tyrol Study. <i>Atherosclerosis</i> , 2020, 305, 26-33. | 0.8 | 10 |
| 42 | Management and prognosis of acute extracranial internal carotid artery occlusion. <i>Annals of Translational Medicine</i> , 2020, 8, 1268-1268. | 1.7 | 8 |
| 43 | Cerebral Phosphorus Magnetic Resonance Spectroscopy in a Patient with Giant Cell Arteritis and Endovascular Therapy. <i>Case Reports in Radiology</i> , 2018, 2018, 1-5. | 0.3 | 7 |
| 44 | Birth Weight and Weight Changes from Infancy to Early Childhood as Predictors of Body Mass Index in Adolescence. <i>Journal of Pediatrics</i> , 2020, 222, 120-126.e3. | 1.8 | 7 |
| 45 | Primary headache disorders in adolescents in North- and South-Tyrol: Findings of the EVA-Tyrol-Study. <i>Cephalalgia</i> , 2022, 42, 993-1004. | 3.9 | 7 |
| 46 | The Volume of Ischemic Brain Predicts Poor Outcome in Patients with Surgically Treated Malignant Stroke. <i>World Neurosurgery</i> , 2019, 123, e515-e519. | 1.3 | 6 |
| 47 | Acute Ischemic Stroke With Mild Symptomsâ€”To Thrombolyse or Not to Thrombolyse?. <i>Frontiers in Neurology</i> , 2021, 12, 760813. | 2.4 | 6 |
| 48 | Thrombectomy in basilar artery occlusion. <i>International Journal of Stroke</i> , 2022, 17, 1006-1012. | 5.9 | 6 |
| 49 | Left Atrial Appendage Morphology and Left Atrial Wall Thickness Are Associated with Cardio-Embolic Stroke. <i>Journal of Clinical Medicine</i> , 2020, 9, 3944. | 2.4 | 5 |
| 50 | Predictors of Carotid Intimaâ€”Media Thickness Progression in Adolescentsâ€”The EVAâ€”Tyrol Study. <i>Journal of the American Heart Association</i> , 2021, 10, e020233. | 3.7 | 5 |
| 51 | Head/neck pain characteristics after spontaneous cervical artery dissection in the acute phase and on a long-run. <i>Cephalalgia</i> , 2022, 42, 872-878. | 3.9 | 4 |
| 52 | Comparison of Recent Practice Guidelines for the Management of Patients With Asymptomatic Carotid Stenosis. <i>Angiology</i> , 2022, 73, 903-910. | 1.8 | 4 |
| 53 | Recurrent brainstem infarction caused by spontaneous intracranial hypotension. <i>Cephalalgia</i> , 2016, 36, 812-813. | 3.9 | 3 |
| 54 | Cardiac output and cerebral blood flow during carotid surgery in regional versus general anesthesia: A prospective randomized controlled study. <i>Journal of Vascular Surgery</i> , 2021, 74, 930-937.e2. | 1.1 | 3 |

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|----|---|-----|-----------|
| 55 | Diagnostic Yield of a Systematic Vascular Health Screening Approach in Adolescents at Schools. <i>Journal of Adolescent Health</i> , 2022, 70, 70-76. | 2.5 | 3 |
| 56 | The association of allergic asthma and carotid intima-media thickness in adolescence: data of the prospective early vascular ageing (EVA)-Tyrol cohort study. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 11. | 1.7 | 3 |
| 57 | Hospitalization rates, stroke unit care, and recurrence rates in Austria's stroke cohort Epidemiologic analysis of 102,107 patients in a nation-wide acute stroke cohort between 2015 and 2019. <i>European Stroke Journal</i> , 2022, 7, 467-475. | 5.5 | 3 |
| 58 | The Attitude towards Polypills Questionnaire (APPQ): a phase III development and validation study in patients with cerebrovascular disease. <i>European Journal of Neurology</i> , 2021, 28, 4039-4050. | 3.3 | 2 |
| 59 | The burden of carotid-related strokes. <i>Annals of Translational Medicine</i> , 2022, 10, 159-159. | 1.7 | 2 |
| 60 | Sex-differences in psychosocial sequelae after spontaneous cervical artery dissection. <i>Scientific Reports</i> , 2022, 12, 611. | 3.3 | 2 |
| 61 | Reconstruction of pseudonymized patient-trajectories in Austria's stroke cohort using medical record-linkage of in-patient routine documentation to establish a nation-wide acute stroke cohort of 102,107 pseudonymized patients between 2015 and 2019. <i>European Stroke Journal</i> , 0, , 239698732211076. | 5.5 | 2 |
| 62 | Teaching Neuro Images : Magnetic resonance susceptibility effect for acute isolated cortical vein thrombosis. <i>Neurology</i> , 2014, 83, e178-9. | 1.1 | 1 |
| 63 | Association of adolescent lipoprotein subclass profile with carotid intima-media thickness and comparison to adults: Prospective population-based cohort studies. <i>Atherosclerosis</i> , 2022, 341, 34-42. | 0.8 | 1 |
| 64 | Feasibility of an individualised, task-oriented, video-supported home exercise programme for arm function in patients in the subacute phase after stroke: protocol of a randomised controlled pilot study. <i>BMJ Open</i> , 2022, 12, e051504. | 1.9 | 1 |
| 65 | Optimal management of asymptomatic carotid stenosis in 2021: the jury is still out. An international, multispecialty, expert review and position statement. <i>International Angiology</i> , 2022, 41, . | 0.9 | 1 |
| 66 | A Stranger in the Middle Cerebral Artery. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1636-1637. | 2.0 | 0 |
| 67 | Letter by Mayer and Knoflach Regarding Article "Efficacy and Safety of Recanalization Therapy for Acute Ischemic Stroke With Large Vessel Occlusion: A Systematic Review". <i>Stroke</i> , 2021, 52, e46. | 2.0 | 0 |
| 68 | Letter to the Editor Regarding "Internal Carotid Artery Pseudoaneurysm Secondary to Spontaneous Dissection: Treatment with Endovascular Stentgraft Repair" Published by Zakeri et al. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 264-265. | 2.0 | 0 |