# Andreas Harloff

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3952960/publications.pdf

Version: 2024-02-01

| 55 | 2,233 | 304743 22 | 223800 46 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 57 | 57 | 57 | 2907 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Time-resolved 3D MR velocity mapping at 3T: Improved navigator-gated assessment of vascular anatomy and blood flow. Journal of Magnetic Resonance Imaging, 2007, 25, 824-831. | 3.4 | 363 |
| 2 | In Vivo Wall Shear Stress Distribution in the Carotid Artery. Circulation: Cardiovascular Imaging, 2010, 3, 647-655. | 2.6 | 181 |
| 3 | Acute Stroke in Times of the COVID-19 Pandemic. Stroke, 2020, 51, 2224-2227. | 2.0 | 154 |
| 4 | Reproducibility of flow and wall shear stress analysis using flowâ€sensitive fourâ€dimensional MRI. Journal of Magnetic Resonance Imaging, 2011, 33, 988-994. | 3.4 | 144 |
| 5 | Complex Plaques in the Proximal Descending Aorta. Stroke, 2010, 41, 1145-1150. | 2.0 | 138 |
| 6 | Therapeutic Strategies After Examination by Transesophageal Echocardiography in 503 Patients With Ischemic Stroke. Stroke, 2006, 37, 859-864. | 2.0 | 128 |
| 7 | In vivo assessment of wall shear stress in the atherosclerotic aorta using flowâ€sensitive 4D MRI. Magnetic Resonance in Medicine, 2010, 63, 1529-1536. | 3.0 | 108 |
| 8 | Estimation of global aortic pulse wave velocity by flowâ€sensitive 4D MRI. Magnetic Resonance in Medicine, 2010, 63, 1575-1582. | 3.0 | 101 |
| 9 | Retrograde Embolism From the Descending Aorta. Stroke, 2009, 40, 1505-1508. | 2.0 | 70 |
| 10 | Complicated Carotid Artery Plaques as a Cause of Cryptogenic Stroke. Journal of the American College of Cardiology, 2020, 76, 2212-2222. | 2.8 | 64 |
| 11 | Analysis of pulse wave velocity in the thoracic aorta by flowâ€sensitive fourâ€dimensional MRI: Reproducibility and correlation with characteristics in patients with aortic atherosclerosis. Journal of Magnetic Resonance Imaging, 2012, 35, 1162-1168. | 3.4 | 59 |
| 12 | Antagonizing dabigatran by idarucizumab in cases of ischemic stroke or intracranial hemorrhage in Germanyâ€"Updated series of 120 cases. International Journal of Stroke, 2020, 15, 609-618. | 5.9 | 54 |
| 13 | Flowâ€sensitive 4D MRI of the thoracic aorta: Comparison of image quality, quantitative flow, and wall parameters at 1.5 T and 3 T. Journal of Magnetic Resonance Imaging, 2012, 36, 1097-1103. | 3.4 | 52 |
| 14 | Combined Measurement of Carotid Stiffness and Intima-Media Thickness Improves Prediction of Complex Aortic Plaques in Patients With Ischemic Stroke. Stroke, 2006, 37, 2708-2712. | 2.0 | 49 |
| 15 | In vivo analysis of physiological 3D blood flow of cerebral veins. European Radiology, 2015, 25, 2371-2380. | 4.5 | 41 |
| 16 | Determination of aortic stiffness using 4D flow cardiovascular magnetic resonance - a population-based study. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 43. | 3.3 | 39 |
| 17 | Aortic atheroma as a source of stroke â€“ assessment of embolization risk using 3D CMR in stroke patients and controls. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 67. | 3.3 | 33 |
| 18 | Plaques in the descending aorta: A new risk factor for stroke? Visualization of potential embolization pathways by 4D MRI. Journal of Magnetic Resonance Imaging, 2007, 26, 1651-1655. | 3.4 | 31 |

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|---|---|---|---|
| 19 | Co-registration of the distribution of wall shear stress and 140 complex plaques of the aorta. Magnetic Resonance Imaging, 2013, 31, 1156-1162. | 1.8 | 28 |
| 20 | Carotid intima-media thickness and distensibility measured by MRI at 3ÂT versus high-resolution ultrasound. European Radiology, 2009, 19, 1470-1479. | 4.5 | 27 |
| 21 | Prevalence of Potential Retrograde Embolization Pathways in the Proximal Descending Aorta in Stroke Patients and Controls. Cerebrovascular Diseases, 2014, 38, 410-417. | 1.7 | 25 |
| 22 | Age dependence of pulmonary artery blood flow measured by 4D flow cardiovascular magnetic resonance: results of a population-based study. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 31. | 3.3 | 25 |
| 23 | Probabilistic 4D blood flow tracking and uncertainty estimation. Medical Image Analysis, 2011, 15, 720-728. | 11.6 | 24 |
| 24 | Complicated Carotid Artery Plaques and Risk of Recurrent Ischemic Stroke or TIA. Journal of the American College of Cardiology, 2022, 79, 2189-2199. | 2.8 | 20 |
| 25 | The Great Imitatorâ€"Still Today! A Case of Meningovascular Syphilis Affecting the Posterior Circulation. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, e1-e3. | 1.6 | 19 |
| 26 | 3D MRI provides improved visualization and detection of aortic arch plaques compared to transesophageal echocardiography. Journal of Magnetic Resonance Imaging, 2012, 36, 604-611. | 3.4 | 18 |
| 27 | Age-related changes of right atrial morphology and inflow pattern assessed using 4D flow cardiovascular magnetic resonance: results of a population-based study. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 38. | 3.3 | 18 |
| 28 | Outcome of Near-Infrared Spectroscopyâ€"Guided Selective Shunting During Carotid Endarterectomy in General Anesthesia. Annals of Vascular Surgery, 2019, 61, 170-177. | 0.9 | 18 |
| 29 | Carotid geometry is an independent predictor of wall thickness â€" a 3D cardiovascular magnetic resonance study in patients with high cardiovascular risk. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 67. | 3.3 | 18 |
| 30 | Accelerated analysis of three-dimensional blood flow of the thoracic aorta in stroke patients. International Journal of Cardiovascular Imaging, 2014, 30, 1571-1577. | 1.5 | 17 |
| 31 | Genetically predicted on-statin LDL response is associated with higher intracerebral haemorrhage risk. Brain, 2022, 145, 2677-2686. | 7.6 | 15 |
| 32 | Carotid Plaque Hemodynamics. Interventional Neurology, 2012, 1, 44-54. | 1.8 | 13 |
| 33 | Aortic Atherosclerosis Determines Increased Retrograde Blood Flow as a Potential Mechanism of Retrograde Embolic Stroke. Cerebrovascular Diseases, 2017, 43, 132-138. | 1.7 | 13 |
| 34 | Retrograde aortic blood flow as a mechanism of stroke: MR evaluation of the prevalence in a population-based study. European Radiology, 2019, 29, 5172-5179. | 4.5 | 13 |
| 35 | Multi-contrast and three-dimensional assessment of the aortic wall using 3 T MRI. European Journal of Radiology, 2017, 91, 148-154. | 2.6 | 11 |
| 36 | Probabilistic 4D Blood Flow Mapping. Lecture Notes in Computer Science, 2010, 13, 416-423. | 1.3 | 11 |

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| 37 | Measurement of cardiac valve and aortic blood flow velocities in stroke patients: a comparison of 4D flow MRI and echocardiography. International Journal of Cardiovascular Imaging, 2018, 34, 939-946. | 1.5 | 10 |
| 38 | Hemodynamics of cerebral veins analyzed by 2d and 4d flow mri and ultrasound in healthy volunteers and patients with multiple sclerosis. Journal of Magnetic Resonance Imaging, 2020, 51, 205-217. | 3.4 | 10 |
| 39 | Optic Nerve Head Volumetry by Optical Coherence Tomography in Papilledema Related to Idiopathic Intracranial Hypertension. Translational Vision Science and Technology, 2020, 9, 24. | 2.2 | 10 |
| 40 | Safe intravenous thrombolysis in acute stroke despite treatment with rivaroxaban. Journal of Clinical Neuroscience, 2014, 21, 2012-2013. | 1.5 | 9 |
| 41 | Reversal of dabigatran using idarucizumab: single center experience in four acute stroke patients. Journal of Thrombosis and Thrombolysis, 2018, 46, 12-15. | 2.1 | 9 |
| 42 | Quantification of aortic stiffness in stroke patients using 4D flow MRI in comparison with transesophageal echocardiography. International Journal of Cardiovascular Imaging, 2018, 34, 1629-1636. | 1.5 | 9 |
| 43 | Dural Arteriovenous Fistula Formation Secondary to Cerebral Venous Thrombosis: Longitudinal Magnetic Resonance Imaging Assessment Using 4D-Combo-MR-Venography. Thrombosis and Haemostasis, 2021, 121, 1345-1352. | 3.4 | 8 |
| 44 | Carotid Geometry and Wall Shear Stress Independently Predict Increased Wall Thicknessâ€"A Longitudinal 3D MRI Study in High-Risk Patients. Frontiers in Cardiovascular Medicine, 2021, 8, 723860. | 2.4 | 5 |
| 45 | Letter by Wehrum and Harloff Regarding Article, â€œComplex Atheromatous Plaques in the Descending Aorta and the Risk of Stroke: A Systematic Review and Meta-Analysisâ€• Stroke, 2014, 45, e169. | 2.0 | 4 |
| 46 | Quantification of Retrograde Blood Flow in the Descending Aorta Using Transesophageal Echocardiography in Comparison to 4D Flow MRI. Cerebrovascular Diseases, 2015, 39, 287-292. | 1.7 | 4 |
| 47 | Who Should Rather Undergo Transesophageal Echocardiography to Determine Stroke Etiology: Young or Elderly Stroke Patients?. Frontiers in Neurology, 2020, 11, 588151. | 2.4 | 4 |
| 48 | Influence of Pulse Wave Velocity on Atherosclerosis and Blood Flow Reversal in the Aorta. Journal of Thoracic Imaging, 2022, 37, 42-48. | 1.5 | 2 |
| 49 | Image-based assessment of uncertainty in quantification of carotid lumen. Journal of Medical Imaging, 2018, 5, 1. | 1.5 | 2 |
| 50 | Letter by Markl and Harloff Regarding Article, â€œAortic Arch Plaques and Risk of Recurrent Stroke and Deathâ€• Circulation, 2010, 121, e11; author reply e12. | 1.6 | 1 |
| 51 | Letter by Markl and Harloff Regarding Article, â€œRightâ€"Left Propensity and Lesion Patterns Between Cardiogenic and Aortogenic Cerebral Embolismsâ€• Stroke, 2011, 42, e562. | 2.0 | 1 |
| 52 | Beyond clinical guidelines: highly effective intravenous thrombolysis therapy in a 104-year-old patient with severe acute ischemic stroke. Journal of Neurology, 2012, 259, 377-378. | 3.6 | 1 |
| 53 | In vivo wall shear stress patterns in carotid bifurcations assessed by 4D MRI. Perspectives in Medicine, 2012, 1, 137-138. | 0.3 | 0 |
| 54 | Comparing Subjects with Reference Populations - A Visualization Toolkit for the Analysis of Aortic Anatomy and Pressure Distribution. Lecture Notes in Computer Science, 2019, , 370-378. | 1.3 | 0 |

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|---|---|---|---|
| 55 | Bubble Test and Carotid Ultrasound to Guide Indication of Transesophageal Echocardiography in Young Patients With Stroke. Frontiers in Neurology, 2022, 13, 836609. | 2.4 | 0 |