

Mark A Ahlman

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,433
citations

218592

26
h-index

206029

48
g-index

77
all docs

77
docs citations

77
times ranked

3850
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography As an Imaging Biomarker in a Prospective, Longitudinal Cohort of Patients With Large Vessel Vasculitis. <i>Arthritis and Rheumatology</i> , 2018, 70, 439-449. | 2.9 | 241 |
| 2 | The Relationship of Left Ventricular Trabeculation to Ventricular Function and Structure Over a 9.5-Year Follow-Up. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1971-1980. | 1.2 | 176 |
| 3 | Severity of Psoriasis Associates With Aortic Vascular Inflammation Detected by FDG PET/CT and Neutrophil Activation in a Prospective Observational Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2667-2676. | 1.1 | 155 |
| 4 | Feasibility of Dose-reduced Chest CT with Photon-counting Detectors: Initial Results in Humans. <i>Radiology</i> , 2017, 285, 980-989. | 3.6 | 129 |
| 5 | Effect of 2 Psoriasis Treatments on Vascular Inflammation and Novel Inflammatory Cardiovascular Biomarkers. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007394. | 1.3 | 115 |
| 6 | Comparison of magnetic resonance angiography and ¹⁸ F-fluorodeoxyglucose positron emission tomography in large-vessel vasculitis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1165-1171. | 0.5 | 101 |
| 7 | GlycA Is a Novel Biomarker of Inflammation and Subclinical Cardiovascular Disease in Psoriasis. <i>Circulation Research</i> , 2016, 119, 1242-1253. | 2.0 | 95 |
| 8 | Association Between Skin and Aortic Vascular Inflammation in Patients With Psoriasis. <i>JAMA Cardiology</i> , 2017, 2, 1013. | 3.0 | 90 |
| 9 | Clonal expansion of CAR T cells harboring lentivector integration in the CBL gene following anti-CD22 CAR T-cell therapy. <i>Blood Advances</i> , 2019, 3, 2317-2322. | 2.5 | 69 |
| 10 | End-of-treatment and serial PET imaging in primary mediastinal B-cell lymphoma following dose-adjusted EPOCH-R: a paradigm shift in clinical decision making. <i>Haematologica</i> , 2018, 103, 1337-1344. | 1.7 | 63 |
| 11 | A Randomized Placebo-Controlled Trial of Secukinumab on Aortic Vascular Inflammation in Moderate-to-Severe Plaque Psoriasis (VIP-S). <i>Journal of Investigative Dermatology</i> , 2020, 140, 1784-1793.e2. | 0.3 | 61 |
| 12 | Cardiac and Respiratory Motion Correction for Simultaneous Cardiac PET/MR. <i>Journal of Nuclear Medicine</i> , 2017, 58, 846-852. | 2.8 | 60 |
| 13 | Unraveling Vascular Inflammation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1403-1412. | 1.2 | 59 |
| 14 | Association Between Aortic Vascular Inflammation and Coronary Artery Plaque Characteristics in Psoriasis. <i>JAMA Cardiology</i> , 2018, 3, 949. | 3.0 | 53 |
| 15 | PD-1 Blockade in Mediastinal Gray-Zone Lymphoma. <i>New England Journal of Medicine</i> , 2017, 377, 89-91. | 13.9 | 52 |
| 16 | Coronary CT Angiography: Variability of CT Scanners and Readers in Measurement of Plaque Volume. <i>Radiology</i> , 2016, 281, 737-748. | 3.6 | 51 |
| 17 | Perfusion Network Shift during Seizures in Medial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2013, 8, e53204. | 1.1 | 48 |
| 18 | Effect of Treatment on Imaging, Clinical, and Serologic Assessments of Disease Activity in Large-vessel Vasculitis. <i>Journal of Rheumatology</i> , 2020, 47, 99-107. | 1.0 | 48 |

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|----|--|-----|-----------|
| 19 | Coronary Plaque Burden at Coronary CT Angiography in Asymptomatic Men and Women. <i>Radiology</i> , 2015, 277, 73-80. | 3.6 | 46 |
| 20 | Advances in medical imaging for the diagnosis and management of common genitourinary cancers. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 473-491. | 0.8 | 44 |
| 21 | Imaging acquisition technique influences interpretation of positron emission tomography vascular activity in large-vessel vasculitis. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 71-76. | 1.6 | 38 |
| 22 | Accelerated acquisition of tagged MRI for cardiac motion correction in simultaneous PET-MR: Phantom and patient studies. <i>Medical Physics</i> , 2015, 42, 1087-1097. | 1.6 | 34 |
| 23 | Use of 18F-fluorodeoxyglucose positron emission tomography to monitor tocilizumab effect on vascular inflammation in giant cell arteritis. <i>Rheumatology</i> , 2021, 60, 4384-4389. | 0.9 | 34 |
| 24 | Parathyroid Imaging: Past, Present, and Future. <i>Frontiers in Endocrinology</i> , 2021, 12, 760419. | 1.5 | 33 |
| 25 | Clinical symptoms and associated vascular imaging findings in Takayasu's arteritis compared to giant cell arteritis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 262-267. | 0.5 | 32 |
| 26 | Evaluation of Prostate Cancer with PET/MRI. <i>Journal of Nuclear Medicine</i> , 2016, 57, 111S-116S. | 2.8 | 29 |
| 27 | Enhanced efficacy of mesothelin-targeted immunotoxin LMB-100 and anti-PD-1 antibody in patients with mesothelioma and mouse tumor models. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 28 |
| 28 | Self-reported depression in psoriasis is associated with subclinical vascular diseases. <i>Atherosclerosis</i> , 2016, 251, 219-225. | 0.4 | 26 |
| 29 | Visceral Adiposity in Psoriasis is Associated With Vascular Inflammation by 18F-Fluorodeoxyglucose Positron-Emission Tomography/Computed Tomography Beyond Cardiometabolic Disease Risk Factors in an Observational Cohort Study. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 349-357. | 2.3 | 26 |
| 30 | Evolution of bisphosphonate-related atypical fracture retrospectively observed with DXA scanning. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 496-498. | 3.1 | 24 |
| 31 | Optimized energy of spectral coronary CT angiography for coronary plaque detection and quantification. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 108-114. | 0.7 | 24 |
| 32 | Outcome Measures in Large Vessel Vasculitis: Relationship Between Patient, Physician, Imaging, and Laboratory-Based Assessments. <i>Arthritis Care and Research</i> , 2020, 72, 1296-1304. | 1.5 | 23 |
| 33 | Diagnostic Performance of In-111 Capromab Pendetide SPECT/CT in Localized and Metastatic Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2011, 36, 872-878. | 0.7 | 22 |
| 34 | Obesity Is Associated With Progression of Atherosclerosis During Statin Treatment. <i>Journal of the American Heart Association</i> , 2016, 5, . | 1.6 | 22 |
| 35 | Advancement of MR and PET/MR in Prostate Cancer. <i>Seminars in Nuclear Medicine</i> , 2016, 46, 536-543. | 2.5 | 21 |
| 36 | Clinical Factors Associated with Time-Specific Distribution of 18F-Fluorodeoxyglucose in Large-Vessel Vasculitis. <i>Scientific Reports</i> , 2019, 9, 15180. | 1.6 | 21 |

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|----|--|-----|-----------|
| 37 | Optimized energy of spectral CT for infarct imaging: Experimental validation with human validation. Journal of Cardiovascular Computed Tomography, 2017, 11, 171-178. | 0.7 | 20 |
| 38 | Vascular calcification in patients with large-vessel vasculitis compared to patients with hyperlipidemia. Seminars in Arthritis and Rheumatism, 2019, 48, 1068-1073. | 1.6 | 19 |
| 39 | Comparing Semiquantitative and Qualitative Methods of Vascular ¹⁸ F-FDG PET Activity Measurement in Large-Vessel Vasculitis. Journal of Nuclear Medicine, 2022, 63, 280-286. | 2.8 | 18 |
| 40 | High pitch third generation dual-source CT: Coronary and cardiac visualization on routine chest CT. Journal of Cardiovascular Computed Tomography, 2016, 10, 282-288. | 0.7 | 16 |
| 41 | A new twist on an old idea: a two-dimensional speckle tracking assessment of cyclosporine as a therapeutic alternative for heart failure with preserved ejection fraction. Physiological Reports, 2013, 1, e00174. | 0.7 | 15 |
| 42 | Serum active 1,25(OH) ₂ D, but not inactive 25(OH)D vitamin D levels are associated with cardiometabolic and cardiovascular disease risk in psoriasis. Atherosclerosis, 2019, 289, 44-50. | 0.4 | 15 |
| 43 | Association of ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography Activity With Angiographic Progression of Disease in Large Vessel Vasculitis. Arthritis and Rheumatology, 2023, 75, 98-107. | 2.9 | 14 |
| 44 | Vascular inflammation in psoriasis localizes to the arterial wall using a novel imaging technique. Journal of the American Academy of Dermatology, 2014, 70, 1137-1138. | 0.6 | 13 |
| 45 | Pediatric PK/PD Phase I Trial of Pexidartinib in Relapsed and Refractory Leukemias and Solid Tumors Including Neurofibromatosis Type 1-Related Plexiform Neurofibromas. Clinical Cancer Research, 2020, 26, 6112-6121. | 3.2 | 13 |
| 46 | Validation of COVID-19 serologic tests and large scale screening of asymptomatic healthcare workers. Clinical Biochemistry, 2021, 90, 23-27. | 0.8 | 10 |
| 47 | Use of 18F-fluorodeoxyglucose positron emission tomography to standardize clinical trial recruitment in Takayasu's arteritis. Rheumatology, 2022, 61, 4047-4055. | 0.9 | 10 |
| 48 | Cardiac Applications of PET-MR. Current Cardiology Reports, 2017, 19, 42. | 1.3 | 9 |
| 49 | A Prospective Study of Clonal Evolution in Follicular Lymphoma: Circulating Tumor DNA Correlates with Overall Tumor Burden and Fluctuates over Time without Therapy. Blood, 2021, 138, 1328-1328. | 0.6 | 8 |
| 50 | Automatic high-resolution infarct detection using volumetric multiphase dual-energy CT. Journal of Cardiovascular Computed Tomography, 2017, 11, 288-294. | 0.7 | 6 |
| 51 | Internal tissue references for 18Fluorodeoxyglucose vascular inflammation imaging: Implications for cardiovascular risk stratification and clinical trials. PLoS ONE, 2017, 12, e0187995. | 1.1 | 6 |
| 52 | Stenosis and Pseudostenosis of the Upper Extremity Arteries in Large-Vessel Vasculitis. ACR Open Rheumatology, 2019, 1, 156-163. | 0.9 | 6 |
| 53 | Clinical presentation and management of primary ovarian neuroendocrine tumor in multiple endocrine neoplasia type 1. Endocrinology, Diabetes and Metabolism Case Reports, 2019, 2019, . | 0.2 | 6 |
| 54 | Durable remissions in two adult patients with Burkitt lymphoma following anti-CD19 CAR T-cell therapy: a single center experience. Leukemia and Lymphoma, 2022, 63, 2469-2473. | 0.6 | 6 |

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|----|---|-----|-----------|
| 55 | Osteogenesis Imperfecta: The Impact of Genotype and Clinical Phenotype on Adiposity and Resting Energy Expenditure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 67-76. | 1.8 | 5 |
| 56 | 18Fluorodeoxyglucose-positron emission tomography/computed tomography for differentiation of renal tumors in hereditary kidney cancer syndromes. <i>Abdominal Radiology</i> , 2021, 46, 3301-3308. | 1.0 | 4 |
| 57 | A single CT for attenuation correction of both rest and stress SPECT myocardial perfusion imaging: a retrospective feasibility study. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 148-55. | 1.3 | 4 |
| 58 | Part 2 “Coronary angiography with gadofosveset trisodium: a prospective intra-subject comparison for dose optimization for 100 % efficiency imaging. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 58. | 0.7 | 3 |
| 59 | Cardiac cine CT approaching 1ÅmSv: implementation and assessment of a 58-ms temporal resolution protocol. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1583-1591. | 0.7 | 3 |
| 60 | First Somatic <i>PRKAR1A</i> Defect Associated With Mosaicism for Another <i>PRKAR1A</i> Mutation in a Patient With Cushing Syndrome. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab007. | 0.1 | 3 |
| 61 | Longitudinal Characterization of Vascular Inflammation and Disease Activity in Takayasu Arteritis and Giant Cell Arteritis: A Single-Center Prospective Study. <i>Arthritis Care and Research</i> , 2023, 75, 1362-1370. | 1.5 | 3 |
| 62 | Coronary CT Angiography and Carotid MRI Improve Phenotyping of Disease Extent Compared with ACC/AHA Risk Score Alone. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190068. | 0.9 | 2 |
| 63 | Part 1 “Coronary angiography with gadofosveset trisodium: a prospective feasibility study evaluating injection techniques for steady-state imaging. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 177. | 0.7 | 1 |
| 64 | Thymic Hyperplasia after Treatment of ACTH-Dependent Cushing’s Syndrome Can Be Mistaken for a Thymic Epithelial Tumor. <i>Journal of Thoracic Oncology</i> , 2017, 12, e29-e32. | 0.5 | 1 |
| 65 | DETERMINANTS OF VASCULAR INFLAMMATION BY 18-FLUORODEOXYGLUCOSE PET/MRI: FINDINGS FROM THE PSORIASIS, ATHEROSCLEROSIS AND CARDIOMETABOLIC DISEASE INITIATIVE. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1692. | 1.2 | 0 |
| 66 | AORTIC VASCULAR INFLAMMATION BY 18-FDG PET/CT ASSOCIATES WITH HIGH-RISK CORONARY PLAQUES IN YOUNG PSORIASIS PATIENTS. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1434. | 1.2 | 0 |
| 67 | IMPROVEMENT IN CHOLESTEROL EFFLUX CAPACITY IS ASSOCIATED WITH IMPROVEMENT IN VASCULAR INFLAMMATION BY 18- FDG PET CT IN PSORIASIS. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2044. | 1.2 | 0 |
| 68 | AORTIC DISTENSIBILITY BY MAGNETIC RESONANCE IMAGING INVERSELY ASSOCIATES WITH NON-CALCIFIED CORONARY PLAQUE BURDEN BY CORONARY CT ANGIOGRAPHY IN PSORIASIS. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1492. | 1.2 | 0 |
| 69 | Response-Adapted Therapy in HIV-Associated Diffuse Large B-Cell Lymphoma: Updated Results of a Prospective Phase II Study of Short-Course-EPOCH-RR. <i>Blood</i> , 2019, 134, 4080-4080. | 0.6 | 0 |
| 70 | Phase 2 Study of Alemtuzumab Added to Dose-Adjusted EPOCH-R in Relapsed and Refractory Aggressive B-Cell Lymphomas. <i>Blood</i> , 2019, 134, 4102-4102. | 0.6 | 0 |