

# Gabriella Captur

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,526  
citations

172457

29  
h-index

155660

55  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4885  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1117-1126.  | 1.2  | 8         |
| 2  | Subclinical Hypertrophic Cardiomyopathy in Elite Athletes. <i>JACC: Case Reports</i> , 2022, 4, 94-98.  | 0.6  | 0         |
| 3  | Study protocol: MyoFit46—the cardiac sub-study of the MRC National Survey of Health and Development. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 140.   | 1.7  | 4         |
| 4  | Echocardiographic and Cardiac Magnetic Resonance Imaging-Derived Strains in Relation to Late Gadolinium Enhancement in Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2022, 171, 132-139.                                     | 1.6  | 4         |
| 5  | Therapeutic Dilemmas Faced When Managing a Life-Threatening Presentation of a Myocardial Bridge. <i>Case Reports in Cardiology</i> , 2022, 2022, 1-6.   | 0.2  | 1         |
| 6  | Declining Levels and Bioavailability of IGF-I in Cardiovascular Aging Associate With QT Prolongation—Results From the 1946 British Birth Cohort. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 863988.                                     | 2.4  | 1         |
| 7  | Saturation-pulse prepared heart-rate independent inversion-recovery (SAPPHIRE) biventricular T1 mapping: inter-field strength, head-to-head comparison of diastolic, systolic and dark-blood measurements. <i>BMC Medical Imaging</i> , 2022, 22, . | 2.7  | 0         |
| 8  | The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 790-799.   | 1.2  | 35        |
| 9  | Top Cats Often Begin as Underdogs: The Ascent of Trabecular Fractal Analysis with Cardiac MRI. <i>Radiology</i> , 2021, 298, 80-81.   | 7.3  | 0         |
| 10 | Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. <i>The Lancet Digital Health</i> , 2021, 3, e20-e28.                           | 12.3 | 57        |
| 11 | Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2021, 42, 1866-1878.  | 2.2  | 274       |
| 12 | Regional variation in cardiovascular magnetic resonance service delivery across the UK. <i>Heart</i> , 2021, 107, 1974-1979.  | 2.9  | 21        |
| 13 | Longitudinal birth cohort study finds that life-course frailty associates with later-life heart size and function. <i>Scientific Reports</i> , 2021, 11, 6272.  | 3.3  | 6         |
| 14 | Impact of lockdown on key workers: findings from the COVID-19 survey in four UK national longitudinal studies. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 955-962.   | 3.7  | 15        |
| 15 | Anakinra treats fulminant myocarditis from <i>Neisseria meningitidis</i> septicaemia and haemophagocytic lymphohistiocytosis: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab201.                                       | 0.6  | 3         |
| 16 | Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2123-2134.   | 5.3  | 18        |
| 17 | Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021, 78, 545-558.  | 2.8  | 41        |
| 18 | Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021, 10, e020227.  | 3.7  | 15        |

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|----|---|-----|-----------|
| 19 | Childhood Bradycardia Associates With Atrioventricular Conduction Defects in Older Age: A Longitudinal Birth Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e021877.                | 3.7 | 0         |
| 20 | Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 326-336.          | 1.2 | 90        |
| 21 | Identification of a Multiplex Biomarker Panel for Hypertrophic Cardiomyopathy Using Quantitative Proteomics and Machine Learning. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 114-127.                 | 3.8 | 32        |
| 22 | Advanced Imaging Insights in Apical Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 624-630.   | 5.3 | 3         |
| 23 | An unusual cause of polymorphic ventricular tachycardia: Acquired long QT syndrome from atypical variant of stress-induced cardiomyopathy. <i>SAGE Open Medical Case Reports</i> , 2020, 8, 2050313X2094430.    | 0.3 | 1         |
| 24 | Myocardial Fibrosis in Heart Failure: Anti-Fibrotic Therapies and the Role of Cardiovascular Magnetic Resonance in Drug Trials. <i>Cardiology and Therapy</i> , 2020, 9, 363-376.                               | 2.6 | 35        |
| 25 | Reference ranges (â€œnormal valuesâ€) for cardiovascular magnetic resonance (CMR) in adults and children: 2020 update. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 87.                      | 3.3 | 233       |
| 26 | Oral Class I and III antiarrhythmic drugs for maintaining sinus rhythm after catheter ablation of atrial fibrillation. <i>The Cochrane Library</i> , 2020, , .  | 2.8 | 0         |
| 27 | Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. <i>International Journal of Cardiology</i> , 2020, 315, 67-71.   | 1.7 | 10        |
| 28 | T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (TIMES). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 31.   | 3.3 | 23        |
| 29 | Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010171.  | 2.6 | 35        |
| 30 | Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 304-316.   | 2.8 | 141       |
| 31 | Myoarchitectural disarray of hypertrophic cardiomyopathy begins preâ€birth. <i>Journal of Anatomy</i> , 2019, 235, 962-976.   | 1.5 | 34        |
| 32 | Measurement reproducibility of slice-interleaved T1 and T2 mapping sequences over 20 months: A single center study. <i>PLoS ONE</i> , 2019, 14, e0220190.   | 2.5 | 7         |
| 33 | Hypertrophic cardiomyopathy deserves better â€ ditch the 16 segments. <i>Experimental Physiology</i> , 2019, 104, 1591-1592.  | 2.0 | 0         |
| 34 | New-onset heart failure: free-breathing motion-corrected late gadolinium enhancement rescues the endomyocardial fibrosis diagnosis. <i>European Heart Journal</i> , 2019, 40, 3951-3951.                        | 2.2 | 0         |
| 35 | Trauma induced acute kidney injury. <i>PLoS ONE</i> , 2019, 14, e0211001.   | 2.5 | 46        |
| 36 | Motion-corrected free-breathing LGE delivers high quality imaging and reduces scan time by half: an independent validation study. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1893-1901. | 1.5 | 22        |

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|----|--|------|-----------|
| 37 | Familial cardiomyopathy caused by a novel heterozygous mutation in the gene (c.1434dupG): a cardiac MRI-augmented segregation study. <i>Acta Myologica</i> , 2019, 38, 159-162.  | 1.5  | 0         |
| 38 | Myocardial native T1 and extracellular volume with healthy ageing and gender. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 615-621.  | 1.2  | 78        |
| 39 | Lamin and the heart. <i>Heart</i> , 2018, 104, 468-479.  | 2.9  | 113       |
| 40 | Cardiac Phenotype of Prehypertrophic Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007168.  | 2.6  | 58        |
| 41 | Does Fractal Analysis of the Right Side of the Heart Provide Insight into Pulmonary Hypertension?. <i>Radiology</i> , 2018, 288, 396-397.  | 7.3  | 0         |
| 42 | Community delivery of semiautomated fractal analysis tool in cardiac mr for trabecular phenotyping. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1082-1088.  | 3.4  | 15        |
| 43 | Left Atrial Structure in Relationship to Age, Sex, Ethnicity, and Cardiovascular Risk Factors. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .  | 2.6  | 52        |
| 44 | Hypertrabeculated Left Ventricular Myocardium in Relationship to Myocardial Function and Fibrosis: The Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2017, 284, 667-675.   | 7.3  | 25        |
| 45 | 013â€¦Free-breathing MOCO LGE leads to better image quality and faster scanning times in clinical practice. <i>Heart</i> , 2017, 103, A10-A11.   | 2.9  | 0         |
| 46 | 023â€¦Myocardial perfusion reserve falls in diabetes and with increasing age â€” a perfusion mapping study. <i>Heart</i> , 2017, 103, A19-A20.   | 2.9  | 0         |
| 47 | 004â€¦Perfusion mapping in hypertrophic cardiomyopathy: microvascular dysfunction occurs regardless of hypertrophy. <i>Heart</i> , 2017, 103, A4.1-A4.   | 2.9  | 2         |
| 48 | T1 mapping in cardiac MRI. <i>Heart Failure Reviews</i> , 2017, 22, 415-430.   | 3.9  | 97        |
| 49 | The fractal heart â€” embracing mathematics in the cardiology clinic. <i>Nature Reviews Cardiology</i> , 2017, 14, 56-64.  | 13.7 | 63        |
| 50 | Cardiac MRI evaluation of myocardial disease. <i>Heart</i> , 2016, 102, 1429-1435.   | 2.9  | 62        |
| 51 | The embryological basis of subclinical hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2016, 6, 27714.  | 3.3  | 29        |
| 52 | Morphogenesis of myocardial trabeculae in the mouse embryo. <i>Journal of Anatomy</i> , 2016, 229, 314-325.  | 1.5  | 50        |
| 53 | Evolution of hypertrophic cardiomyopathy in sarcomere mutation carriers: TableÂ1. <i>Heart</i> , 2016, 102, 1779-1781.   | 2.9  | 1         |
| 54 | A medical device-grade T1 and ECV phantom for global T1 mapping quality assuranceâ€”the T1 Mapping and ECV Standardization in cardiovascular magnetic resonance (TIMES) program. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 58. | 3.3  | 134       |

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|----|--|-----|-----------|
| 55 | Global longitudinal strain is associated with heart failure outcomes in hypertrophic cardiomyopathy. <i>Heart</i> , 2016, 102, 741-747.  | 2.9 | 88        |
| 56 | Distance regularized two level sets for segmentation of left and right ventricles from cine-MRI. <i>Magnetic Resonance Imaging</i> , 2016, 34, 699-706.  | 1.8 | 66        |
| 57 | Abnormal septal convexity into the left ventricle occurs in subclinical hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 64.   | 3.3 | 19        |
| 58 | T1 mapping and survival in systemic light-chain amyloidosis. <i>European Heart Journal</i> , 2015, 36, 244-251.  | 2.2 | 310       |
| 59 | Formation and Malformation of Cardiac Trabeculae: Biological Basis, Clinical Significance, and Special Yield of Magnetic Resonance Imaging in Assessment. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1325-1337. | 1.7 | 28        |
| 60 | Fractal Analysis of Myocardial Trabeculations in 2547 Study Participants: Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2015, 277, 707-715.  | 7.3 | 50        |
| 61 | Splenic Switch-off: A Tool to Assess Stress Adequacy in Adenosine Perfusion Cardiac MR Imaging. <i>Radiology</i> , 2015, 276, 732-740.   | 7.3 | 75        |
| 62 | 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.                        | 2.8 | 176       |
| 63 | Prediction of Sarcomere Mutations in Subclinical Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 863-871.   | 2.6 | 80        |
| 64 | Abnormal Cardiac Formation in Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 241-248.   | 5.1 | 74        |
| 65 | Quantification of left ventricular trabeculae using fractal analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 36.  | 3.3 | 167       |
| 66 | Identification and Assessment of Anderson-Fabry Disease by Cardiovascular Magnetic Resonance Noncontrast Myocardial T1 Mapping. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 392-398.                         | 2.6 | 399       |