

**LIST of PUBLICATIONS**

(from 01/2003 to 02/2025)

**A) Original articles (peer reviewed):**

No.	Year	Manuscript
74	2025	Fontana M, Berk JL, Gillmore JD, Witteles RM, Grogan M, Drachman B, Damy T, Garcia-Pavia P, Taubel J, Solomon SD, Sheikh FH, Tahara N, González-Costello J, Tsujita K, Morbach C, Pozsonyi Z, Petrie MC, Delgado D, Van der Meer P, Jabbour A, Bondue A, Kim D, Azevedo O, Hvitfeldt Poulsen S, <b>Yilmaz A</b> , Jankowska EA, Algalarrondo V, Slugg A, Garg PP, Boyle KL, Yureneva E, Silliman N, Yang L, Chen J, Eraly SA, Vest J, Maurer MS; HELIOS-B Trial Investigators and Collaborators. Vutrisiran in Patients with Transthyretin Amyloidosis with Cardiomyopathy. <b>N Engl J Med</b> ; 392(1):33-44.
73	2024	Meier C, Bietenbeck M, Korthals D, Vehof V, Stalling P, Akyol N, Theofanidou M, <b>Yilmaz A</b> . Precision of Myocardial T1- and T2-Mapping Using CMR: Prospective Scan-Rescan Approach to Assess Mapping Data Reproducibility. <b>JACC Cardiovasc Imaging</b> ; 17(7):833-834.
72	2024	Bietenbeck M, Meier C, Korthals D, Theofanidou M, Stalling P, Dittmann S, Schulze-Bahr E, Eckardt L, <b>Yilmaz A</b> . Possible Causes and Clinical Relevance of a "Ring-Like" Late Gadolinium Enhancement Pattern. <b>JACC Cardiovasc Imaging</b> ; 17(1):104-106.
71	2024	Nies RJ, Ney S, Kindermann I, Bewarder Y, Zimmer A, Knebel F, Hahn K, Spethmann S, Luedike P, Michel L, Rassaf T, Papathanasiou M, Störk S, Cejka V, Polzin A, Voss F, Kelm M, Unsöld B, Meindl C, Paulus M, <b>Yilmaz A</b> , Chamling B, Morbach C, Pfister R. Real-world characteristics and treatment of cardiac transthyretin amyloidosis: A multicentre, observational study. <b>ESC Heart Fail</b> ; doi: 10.1002/ehf2.15126. Epub ahead of print.
70	2024	Zieschang V, Beyer RE, Müller ML, Trautmann F, Kühne T, Nagel E, Rolf A, Schuster A, Korosoglou G, Steen H, <b>Yilmaz A</b> , Petersen SE, Remppis BA, Thiede G, Nolden AC, Kelle S. Awareness of strengths and weaknesses of cardiovascular magnetic resonance imaging: results from a questionnaire survey. <b>Eur Heart J Imaging Methods Pract</b> ; 2(1):qyae050.
69	2024	Ventura D, Schäfers M, <b>Yilmaz A</b> , Eckardt L, Korthals D. Intense 68 Ga-OncoFAP Uptake as a New Promising Diagnostic Biomarker in Cardiac Sarcoidosis. <b>Clin Nucl Med</b> ; 49(6):e278-e280.
68	2024	Akyea RK, Figliozzi S, Lopes PM, Bauer KB, Moura-Ferreira S, Tondi L, Mushtaq S, Censi S, Pavon AG, Bassi I, Galian-Gay L, Teske AJ, Biondi F, Filomena D, Stylianidis V, Torlasco C, Muraru D, Monney P, Quattrocchi G, Maestrini V, Agati L, Monti L, Pedrotti P, Vandenberg B, Squeri A, Lombardi M, Ferreira AM, Schwitter J, Aquaro GD, Pontone G, Chiribiri A, Rodríguez Palomares JF, <b>Yilmaz A</b> , Andreini D, Florian AR, Francone M, Leiner T, Abecasis J, Badano LP, Bogaert J, Georgiopoulos G, Masci PG. Arrhythmic Mitral Valve Prolapse Phenotype: An Unsupervised Machine Learning Analysis Using a Multicenter Cardiac MRI Registry. <b>Radiol Cardiothorac Imaging</b> ; 6(3):e230247.
67	2023	Figliozzi S, Georgiopoulos G, Lopes PM, Bauer KB, Moura-Ferreira S, Tondi L, Mushtaq S, Censi S, Pavon AG, Bassi I, Servato ML, Teske AJ, Biondi F, Filomena D, Pica S, Torlasco C, Muraru D, Monney P, Quattrocchi G, Maestrini V, Agati L, Monti L, Pedrotti P, Vandenberg B, Squeri A, Lombardi M, Ferreira AM, Schwitter J, Aquaro GD, Chiribiri A, Rodríguez Palomares JF, <b>Yilmaz A</b> , Andreini D, Florian A, Leiner T, Abecasis J, Badano LP, Bogaert J, Masci PG. Myocardial Fibrosis at Cardiac MRI Helps Predict Adverse Clinical Outcome in Patients with Mitral Valve Prolapse. <b>Radiology</b> ; 306(1):112-121.
66	2023	Meier C, Bietenbeck M, Chamling B, Drakos S, Vehof V, Stalling P, Radke R, Yilmaz A. A case series of double-chambered left ventricle detected by cardiovascular magnetic resonance. <b>Eur Heart J Case Rep</b> ; 7(5):ytad173.
65	2023	Alyaydin E, Pogoda C, Welp H, Dell'Aquila A, Martens S, <b>Yilmaz A</b> , Reinecke H, Sindermann JR. To hit a home run as a heterotopic heart recipient-living with two hearts for over three decades: a case report. <b>ESC Heart Fail</b> ; 10(1):721-726. doi: 10.1002/ehf2.14215
64	2023	Chamling B, Bietenbeck M, Korthals D, Drakos S, Vehof V, Stalling P, Meier C, <b>Yilmaz A</b> . Therapeutic value of tafamidis in patients with wild-type transthyretin amyloidosis (ATTRwt) with cardiomyopathy based on cardiovascular magnetic resonance (CMR) imaging. <b>Clin Res Cardiol. Clin Res Cardiol</b> ; 112(3):353-362.
63	2022	Chamling B, Bietenbeck M, Drakos S, Korthals D, Vehof V, Stalling P, Meier C, <b>Yilmaz A</b> . A compartment-based myocardial density approach helps to solve the native T1 vs. ECV paradox in cardiac amyloidosis. <b>Sci Rep 2022</b> (in press).
62	2022	Savvatis K, Vissing CR, Klouvi L, Florian A, Rahman M, Béhin A, Fayssoil A, Masingue M, Stojkovic T, Bécane HM, Berber N, Mochel F, Duboc D, Fontaine B, Krett B, Stalens C, Lejeune J, Pitceathly RDS, Lopes L, Saadi M, Gossios T, Procaccio V, Spinazzi M, Tard C, De Groote P, Dhaenens CM, Douillard C, Echaniz-Laguna A, Quinlivan R, Hanna MG, <b>Yilmaz A</b> , Vissing J, Laforêt P, Elliott P, Wahbi K. Cardiac Outcomes in Adults With Mitochondrial Diseases. <b>J Am Coll Cardiol</b> ; 80(15):1421-1430. doi: 10.1016/j.jacc.2022.08.716.

61	2022	Figliozzi S, Georgiopoulos G, Lopes PM, Bauer KB, Moura-Ferreira S, Tondi L, Mushtaq S, Censi S, Pavon AG, Bassi I, Servato ML, Teske AJ, Biondi F, Filomena D, Pica S, Torlasco C, Muraru D, Monney P, Quattrocchi G, Maestrini V, Agati L, Monti L, Pedrotti P, Vandenberg B, Squeri A, Lombardi M, Ferreira AM, Schwitter J, Aquaro GD, Chiribiri A, Rodríguez Palomares JF, <b>Yilmaz A</b> , Andreini D, Florian A, Leiner T, Abecasis J, Badano LP, Bogaert J, Masci PG. Myocardial Fibrosis at Cardiac MRI Helps Predict Adverse Clinical Outcome in Patients with Mitral Valve Prolapse. <b>Radiology</b> ; 220454. doi: 10.1148/radiol.220454. Epub ahead of print.
60	2022	Meier C, Korthals D, Bietenbeck M, Chamling B, Drakos S, Vehof V, Stalling P, <b>Yilmaz A</b> . Serial Cardiovascular Magnetic Resonance Studies Prior to and After mRNA-Based COVID-19 Booster Vaccination to Assess Booster-Associated Cardiac Effects. <b>Front Cardiovasc Med</b> ; 9:877183. doi: 10.3389/fcvm.2022.877183.
59	2022	Evers G, Schulze AB, Osaievi I, Harmening K, Vollenberg R, Wiewrodt R, Pistulli R, Boentert M, Tepasse PR, Sindermann JR, <b>Yilmaz A</b> , Mohr M. Sustained Impairment in Cardiopulmonary Exercise Capacity Testing in Patients after COVID-19: A Single Center Experience. <b>Can Respir J</b> ; 2022:2466789. doi: 10.1155/2022/2466789.
58	2022	Schmidt M, <b>Yilmaz A</b> , Bietenbeck M, Schilling M, Röcken C, Schmidt HH. de novo hATTR amyloidosis after domino transplantation of a donor's liver: a case report for the use of Patisiran. <b>Z Gastroenterol</b> . doi: 10.1055/a-1735-3795. Epub ahead of print.
57	2022	Devane J, Ott E, Olinger EG, Epting D, Decker E, Friedrich A, Bachmann N, Renschler G, Eisenberger T, Briem-Richter A, Grabhorn EF, Powell L, Wilson IJ, Rice SJ, Miles CG, Wood K; Genomics England Research Consortium, Trivedi P, Hirschfield G, Pietrobattista A, Wohler E, Mezina A, Sobreira N, Agolini E, Maggiore G, Dahmer-Heath M, <b>Yilmaz A</b> , Boerries M, Metzger P, Schell C, Grünwald I, Konrad M, König J, Schlevogt B, Sayer JA, Bergmann C. Progressive liver, kidney, and heart degeneration in children and adults affected by TULP3 mutations. <b>Am J Hum Genet</b> ; 109(5):928-943. doi: 10.1016/j.ajhg.2022.03.015. Epub 2022 Apr 8.
56	2021	Florian A, Bietenbeck M, Hüsing-Kabar A, Schilling M, Schmidt HH, <b>Yilmaz A</b> . Genome silencer therapy leading to 'regression' of cardiac amyloid load on cardiovascular magnetic resonance: a case report. <b>Eur Heart J Case Rep</b> ; 5(11):ytab415; 2021.
55	2021	Chamling B, Drakos S, Bietenbeck M, Klingel K, Meier C, <b>Yilmaz A</b> . Diagnosis of Cardiac Involvement in Amyloid A Amyloidosis by Cardiovascular Magnetic Resonance Imaging. <b>Front Cardiovasc Med</b> ; 8:757642; 2021.
54	2021	Drakos S, Chatzantonis G, Bietenbeck M, Evers G, Schulze AB, Mohr M, Fonfara H, Meier C, <b>Yilmaz A</b> . A cardiovascular magnetic resonance imaging-based pilot study to assess coronary microvascular disease in COVID-19 patients. <b>Sci Rep</b> ; 11(1):15667; 2021.
53	2021	Chamling B, Vehof V, Drakos S, Weil M, Stalling P, Vahlhaus C, Mueller P, Bietenbeck M, Reinecke H, Meier C, <b>Yilmaz A</b> . Occurrence of acute infarct-like myocarditis following COVID-19 vaccination: just an accidental co-incidence or rather vaccination-associated autoimmune myocarditis? <b>Clin Res Cardiol</b> ; 110(11):1850-1854; 2021.
52	2021	Korthals D, Chatzantonis G, Bietenbeck M, Meier C, Stalling P, <b>Yilmaz A</b> . CMR-based T1-mapping offers superior diagnostic value compared to longitudinal strain-based assessment of relative apical sparing in cardiac amyloidosis. <b>Sci Rep</b> ; 11(1):15521; 2021.
51	2021	Chatzantonis G, Bietenbeck M, Elsanhoury A, Tschöpe C, Pieske B, Tauscher G, Vietheer J, Shomanova Z, Mahrholdt H, Rolf A, Kelle S, <b>Yilmaz A</b> . Diagnostic value of cardiovascular magnetic resonance in comparison to endomyocardial biopsy in cardiac amyloidosis: a multi-centre study. <b>Clin Res Cardiol</b> ; 110(4):555-568; 2021.
50	2021	Restrepo-Cordoba MA, Wahbi K, Florian AR, Jiménez-Jáimez J, Politano L, Arad M, Climent-Paya V, Garcia-Alvarez A, Hansen RB, Larrañaga-Moreira JM, Kubanek M, Lopes LR, Ros A, Jurcut R, Rasmussen TB, Ruiz-Guerrero L, Pribe-Wolferts R, Palomino-Doza J, Bilinska Z, Rodríguez-Palomares JF, Van Loon RLE, Basurte Elorz MT, Quarta G, Robledo Iñárritu M, Verdonshot JAJ, Stojkovic T, Shomanova Z, Bermudez-Jimenez F, Palladino A, Freimark D, García-Álvarez MI, Jorda P, Dominguez F, Ochoa JP, Girolami F, Brugada R, Meder B, Barriales-Villa R, Mogensen J, Laforêt P, <b>Yilmaz A</b> , Elliott P, Garcia-Pavia P; European Genetic Cardiomyopathies Initiative Investigators (see online supplementary Appendix S1). Prevalence and clinical outcomes of dystrophin-associated dilated cardiomyopathy without severe skeletal myopathy. <b>Eur J Heart Fail</b> ; 23(8):1276-1286; 2021.
49	2021	Spiesshoefer J, Herkenrath S, Harre K, Kahles F, Florian A, <b>Yilmaz A</b> , Mohr M, Naughton M, Randerath W, Emdin M, Passino C, Regmi B, Dreher M, Boentert M, Giannoni A. Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants, and Clinical Consequences. <b>Respiration</b> ; 100(9):865-876; 2021.
48	2020	Florian AR, Shomanova Z, Bietenbeck M, Chatzantonis G, Meier C, <b>Yilmaz A</b> . Occurrence of Cardiovascular Events and Progression of Cardiomyopathy in Muscular Dystrophy Patients: A CMR-Based Study. <b>JACC Cardiovasc Imaging</b> ; 13(10):2258-2259; 2020.

47	2020	Holtstiege V, Meier C, Bietenbeck M, Chatzantonis G, Florian A, Köbe J, Reinke F, Eckardt L, <b>Yilmaz A</b> . Clinical experience regarding safety and diagnostic value of cardiovascular magnetic resonance in patients with a subcutaneous implantable cardioverter/ defibrillator (S-ICD) at 1.5 T. <b>J Cardiovasc Magn Reson</b> ; 22(1):35; 2020.
46	2020	Chatzantonis G, Evers G, Meier C, Bietenbeck M, Florian A, Klingel K, Bleckmann A, <b>Yilmaz A</b> . Immune checkpoint inhibitor-associated myocarditis: A run of bad luck or rather deficient monitoring protocol? <b>J Am Coll Cardiol Case Rep</b> ; 2:630–5; 2020.
45	2020	Skowasch D, Gaertner F, Marx N, Meder B, Müller-Quernheim N, Pfeifer M, Schrickel JW, <b>Yilmaz A</b> , Grohé C. Diagnostik und Therapie der kardialen Sarkoidose. Konsensuspapier der Deutschen Gesellschaft für Pneumologie und Beatmungsmedizin (DGP) und Deutschen Gesellschaft für Kardiologie – Herz und Kreislaufforschung (DGK). <b>Der Kardiologe</b> ; 14:14–25; 2020.
44	2020	Chatzantonis G, Bietenbeck M, Florian A, Meier C, Korthals D, Reinecke H, <b>Yilmaz A</b> . "Myocardial transit-time" (MyoTT): a novel and easy-to-perform CMR parameter to assess microvascular disease. <b>Clin Res Cardiol</b> ; 109(4):488-497; 2020.
43	2020	Chatzantonis G, Meier C, Bietenbeck M, Rueckert J, Dorsel T, <b>Yilmaz A</b> , Florian A. Surprising diagnosis in a patient with acute coronary syndrome: a case report of acute streptococcal pharyngitis-associated perimyocarditis. <b>Eur Heart J - Case Reports</b> ; 4, 1–6; doi:10.1093/ehjcr/ytaa017; 2020.
42	2020	(* Florian A, Bietenbeck M, Chatzantonis G, Hüsing-Kabar A, Schmidt H, <b>Yilmaz A</b> . Regression of cardiac amyloid load documented by cardiovascular magnetic resonance in a patient with hereditary amyloidosis. <b>Clin Res Cardiol</b> ; doi: 10.1007/s00392-020-01611-2; epub ahead of print; 2020.
41	2019	<b>Yilmaz A</b> , Bauersachs J, Kindermann I, Klingel K, Knebel F, Meder B, Morbach C, Nagel E, Schulze-Bahr E, aus dem Siepen F, Frey N. <b>Diagnostik und Therapie der kardialen Amyloidose</b> . Positionspapier der Deutschen Gesellschaft für Kardiologie - Herz und Kreislaufforschung (DGK). <b>Der Kardiologe</b> ; <b>13</b> : 264–291; 2019.
40	2019	Bietenbeck M, Florian A, Chatzantonis G, Meier C, Korthals D, Martens S, <b>Yilmaz A</b> . Introduction of a CMR-conditional cardiac phantom simulating cardiac anatomy and function and enabling training of interventional CMR procedures. <b>Sci Rep</b> ; 9(1):19852; doi: 10.1038/s41598-019-56506-8; 2019.
39	2019	Bietenbeck M, Engel S, Lamping S, Hansen U, Faber C, Ravoo BJ, <b>Yilmaz A</b> . Functionalization of clinically approved MRI contrast agents for the delivery of VEGF. <b>Bioconjug Chem</b> ; 30(4):1042-1047; 2019.
38	2019	Chmielewski L, Bietenbeck M, Patrascu A, Rösch S, Sechtem U, <b>Yilmaz A</b> , Florian A. Non-invasive evaluation of the relationship between electrical and structural cardiac abnormalities in patients with myotonic dystrophy type 1. <b>Clin Res Cardiol</b> ; 108(8):857-867; 2019.
37	2018	Florian A, Patrascu A, Tremmel R, Rösch S, Sechtem U, Schwab M, Schaeffeler E, <b>Yilmaz A</b> . Identification of Cardiomyopathy-Associated Circulating miRNA Biomarkers in Muscular Dystrophy Female Carriers Using a Complementary Cardiac Imaging and Plasma Profiling Approach. <b>Front Physiol</b> ; 9:1770; 2018.
36	2018	Bietenbeck M, Florian A, Shomanova Z, Meier C, <b>Yilmaz A</b> . Reduced global myocardial perfusion reserve in DCM and HCM patients assessed by CMR-based velocity-encoded coronary sinus flow measurements and first-pass perfusion imaging. <b>Clin Res Cardiol</b> ; 107(11):1062-1070; 2018.
35	2017	Shomanova Z, Florian A, Bietenbeck M, Waltenberger J, Sechtem U, <b>Yilmaz A</b> . Diagnostic value of global myocardial perfusion reserve assessment based on coronary sinus flow measurements using cardiovascular magnetic resonance in addition to myocardial stress perfusion imaging. <b>Eur Heart J Cardiovasc Imaging</b> ; 18(8):851-859; 2017.
34	2017	(* Bietenbeck M, Florian A, Shomanova Z, Klingel K, <b>Yilmaz A</b> . Novel CMR techniques enable detection of even mild autoimmune myocarditis in a patient with systemic lupus erythematosus. <b>Clin Res Cardiol</b> ; 106(7):560-563; 2017.
33	2017	Helluy X, Sauter M, Ye YX, Lykowsky G, Kreutner J, <b>Yilmaz A</b> , Jahns R, Boivin V, Kandolf R, Jakob PM, Hiller KH, Klingel K. In vivo T2* weighted MRI visualizes cardiac lesions in murine models of acute and chronic viral myocarditis. <b>PLoS One</b> ; 12(3):e0172084; 2017.
32	2016	Boentert M, Florian A, Dräger B, Young P, <b>Yilmaz A</b> . Pattern and prognostic value of cardiac involvement in patients with late-onset Pompe disease - a comprehensive cardiovascular magnetic resonance approach. <b>J Cardiovasc Magn Reson</b> ; 18(1):91; 2016.
31	2016	Becker S, Florian A, Patrascu A, Rösch S, Waltenberger J, Sechtem U, Schwab M, Schaeffeler E, <b>Yilmaz A</b> . Identification of cardiomyopathy associated circulating miRNA biomarkers in patients with muscular dystrophy using a complementary cardiovascular magnetic resonance and plasma profiling approach. <b>J Cardiovasc Magn Reson</b> ; 6;18(1):25; 2016
30	2016	Florian A, Rösch S, Bietenbeck M, Engelen M, Stypmann J, Waltenberger J, Sechtem U, <b>Yilmaz A</b> .

		Cardiac involvement in female Duchenne and Becker muscular dystrophy carriers in comparison to their first degree male relatives – a comparative cardiovascular magnetic resonance study. <b>Eur Heart J Cardiovasc Imaging</b> ; 17(3):326-33; 2016.
29	2016	(*) Florian A, Fischer D, <b>Yilmaz A</b> . The "spastic" coronary plaque: dynamic deformation of an atheromatous plaque demonstrated by optical coherence tomography. <b>Clin Res Cardiol</b> ; 105(7):636-8; 2016.
28	2015	Florian A, Ludwig A, Stubbe-Dräger B, Boentert M, Young P, Waltenberger J, Rösch S, Sechtem U, <b>Yilmaz A</b> . Characteristic cardiac phenotypes are detected by cardiovascular magnetic resonance imaging in patients with different clinical phenotypes and genotypes of mitochondrial myopathy. <b>J Cardiovasc Magn Reson</b> ; 17:40; 2015.
27	2015	Florian A, Schäufele T, Ludwig A, Rösch S, Wenzelburger I, Yildiz H, Sechtem U, <b>Yilmaz A</b> . Diagnostic value of CMR in young patients with clinically suspected acute myocarditis is determined by cardiac enzymes. <b>Clin Res Cardiol</b> ; 104(2):154-63; 2015.
26	2014	Florian A, Ludwig A, Engelen M, Waltenberger J, Rösch S, Sechtem U, <b>Yilmaz A</b> . Left ventricular systolic function and the pattern of late-gadolinium-enhancement independently and additively predict adverse cardiac events in muscular dystrophy patients. <b>J Cardiovasc Magn Reson</b> ; 16(1):81; 2014.
25	2014	Florian A, Ludwig A, Rösch S, Yildiz H, Sechtem U, <b>Yilmaz A</b> . Myocardial fibrosis imaging based on T1-mapping and extracellular volume fraction (ECV) measurement in muscular dystrophy patients: diagnostic value compared with conventional late gadolinium enhancement (LGE) imaging. <b>Eur Heart J Cardiovasc Imaging</b> ; 15(9):1004-12; 2014.
24	2014	Florian A, Ludwig A, Ong P, Klingel K, Kandolf R, Bornemann A, Sechtem U, <b>Yilmaz A</b> . Cause of cardiac disease in a female carrier of Duchenne Muscular Dystrophy: myocarditis versus genetic cardiomyopathy without skeletal myopathy? <b>Circulation</b> ; 129(18):e482-4; 2014.
23	2014	Florian A, Ludwig A, Rösch S, Yildiz H, Klumpp S, Sechtem U, <b>Yilmaz A</b> . Positive effect of intravenous iron-oxide administration on left ventricular remodelling in patients with acute ST-elevation myocardial infarction – A cardiovascular magnetic resonance (CMR) study. <b>Int J Cardiol</b> ; 173(2):184-9; 2014.
22	2013	Florian A, Ludwig A, Rösch S, Sechtem U, <b>Yilmaz A</b> . Magnetic resonance of the heart in a muscular dystrophy patient with an MR conditional ICD: Assessment of safety, diagnostic value and technical limitations. <b>J Cardiovasc Magn Reson</b> ; 15:49; 2013.
21	2013	<b>Yilmaz A</b> , Dengler MA, van der Kuip H, Yildiz H, Rösch S, Klumpp S, Klingel K, Kandolf R, Helluy X, Hiller KH, Jakob PM, Sechtem U. Imaging of myocardial infarction using ultrasmall superparamagnetic iron oxide nanoparticles: a human study using a multi-parametric cardiovascular magnetic resonance imaging approach. <b>Eur Heart J</b> ; 34(6):462-75; 2013.
20	2013	Caforio A, Pankuweit S, Arbustini E, Basso C, Gimeno-Blanes J, Felix S, Fu M, Heliö T, Heymans S, Jahns R, Klingel K, Linhart A, Maisch B, McKenna W, Mogensen J, Pinto Y, Ristic A, Schultheiss HP, Seggewiss H, Tavazzi L, Thiene G, <b>Yilmaz A</b> , Charron P, Elliott PM. Current state of knowledge on aetiology, diagnosis, management and therapy of myocarditis. A Position statement of the European Society of Cardiology Working Group on Myocardial and Pericardial Diseases. <b>Eur Heart J</b> ; 34(33):2636-48; 2013.
19	2013	<b>Yilmaz A</b> , Rösch S, Ludolph AC, Klingel K, Kandolf R, Helluy X, Hiller KH, Jakob PM, Sechtem U. Magnetic resonance imaging (MRI) of inflamed myocardium using iron-oxide nanoparticles in patients with acute myocardial infarction – Preliminary results. <b>Int J Cardiol</b> ; 163(2):175-82; 2013.
18	2012	<b>Yilmaz A</b> , Rösch S, Yildiz H, Klumpp S, Sechtem U. First multi-parametric CMR study in a patient with acute myocardial infarction using ultrasmall superparamagnetic iron-oxide (USPIO) nanoparticles - new vistas for the clinical application of USPIO. <b>Circulation</b> ; 126(15):1932-4; 2012.
17	2012	<b>Yilmaz A</b> , Gdynia HJ, Ponfick M, Rösch S, Lindner A, Ludolph AC, Sechtem U. Cardiovascular magnetic resonance imaging (CMR) reveals characteristic pattern of myocardial damage in patients with mitochondrial myopathy. <b>Clin Res Cardiol</b> ; 101(4):255-61; 2012.
16	2011	(*) <b>Yilmaz A</b> , Gdynia HJ, Ponfick M, Ludolph AC, Rösch S, Sechtem U. The proteoglycan-dystrophin complex in genetic cardiomyopathies – lessons from three siblings with limb-girdle muscular dystrophy (LGMD-2I). <b>Clin Res Cardiol</b> ; 100(7):611-15; 2011.
15	2010	<b>Yilmaz A</b> , Hill S, Schaeufele T, Voehringer M, Geissler A, Sechtem U. Exercise-induced spastic coronary artery occlusion at the site of a moderate stenosis: neither Prinzmetal's angina nor cardiac syndrome X - but "Prinzmetal X". <b>Circulation</b> ; 122:e570-4; 2010.
14	2010	<b>Yilmaz A</b> , Kindermann I, Kindermann M, Mahfoud F, Ukena C, Athanasiadis A, Hill S, Mahrholdt H, Voehringer M, Schieber M, Klingel K, Kandolf R, Boehm M, Sechtem U. Comparative evaluation of left and right ventricular endomyocardial biopsy: differences in complication rate and diagnostic

		performance. <b>Circulation</b> ; 122(9):900-9; 2010.
13	2010	<b>Yilmaz A</b> , Gdynia HJ, Ludolph AC, Klingel K, Kandolf R, Sechtem U. Cardiomyopathy in a Duchenne muscular dystrophy carrier and her diseased son: similar pattern revealed by cardiovascular MRI. <b>Circulation</b> ; 121(10):e237-9; 2010.
12	2010	<b>Yilmaz A</b> , Athanasiadis A, Mahrholdt H, Voehringer M, Ong P, Hill S, Kispert EM, Seebo M, Sechtem U. Diagnostic value of perfusion-CMR in patients with angina pectoris but normal coronary angiograms assessed by intracoronary acetylcholine-testing. <b>Heart</b> ; 96(5):372-9; 2010.
11	2009	(*) Jose T, Gdynia HJ, Mahrholdt H, Vöhringer M, Klingel K, Kandolf R, Bornemann A, <b>Yilmaz A</b> . CMR gives clue to ragged red fibers in the heart in a patient with mitochondrial myopathy. <b>Int J Cardiol</b> ; doi:10.1016/j.ijcard.2009.03.057; 2009.
10	2009	Baccouche H, Mahrholdt H, Meinhardt G, Voehringer M, Hill S, Klingel K, Kandolf R, Sechtem U, <b>Yilmaz A</b> . Diagnostic synergy of non-invasive cardiovascular magnetic resonance and invasive endomyocardial biopsy in troponin-positive patients without coronary artery disease. <b>Eur Heart J</b> ; 30(23):2869-79; 2009.
9	2009	<b>Yilmaz A</b> , Gdynia HJ, Mahrholdt H, Sechtem U. CMR reveals similar damage to the heart of patients with Becker and limb-girdle muscular dystrophy but no cardiac symptoms. <b>J Magn Reson Imaging</b> ; 30(4):876-7; 2009.
8	2009	<b>Yilmaz A</b> , Vöhringer M, Athanasiadis A, Ong P, Merher R, Ratge D, Knabbe C, Sechtem U. Caucasian patients suffering from coronary vasospastic angina have an intact peripheral endothelium-dependent vasoreactivity. <b>Int J Cardiol</b> ; 135(2):240-2; 2009.
7	2008	<b>Yilmaz A</b> , Gdynia HJ, Baccouche H, Mahrholdt H, Merher R, Meinhardt G, Sperfeld AD, Ludolph AC, Sechtem U. Cardiac involvement in patients with muscular dystrophy: new insights by a novel CMR approach. <b>J Cardiovasc Magn Reson</b> ; 10(1):50; 2008.
6	2008	<b>Yilmaz A</b> , Mahrholdt H, Athanasiadis A, Vogelsberg H, Meinhardt G, Voehringer M, Kispert EM, Deluigi C, Baccouche H, Spodarev E, Klingel K, Kandolf R, Sechtem U. Coronary vasospasm as the underlying cause for chest pain in patients with PVB19-myocarditis. <b>Heart</b> ; 94(11):1456-63; 2008.
5	2008	Vogelsberg H, Mahrholdt H, Deluigi CC, <b>Yilmaz A</b> , Kispert EM, Greulich S, Klingel K, Kandolf R, Sechtem U. Cardiovascular magnetic resonance in clinically suspected cardiac amyloidosis: noninvasive imaging compared to endomyocardial biopsy. <b>J Am Coll Cardiol</b> ; 51(10):1022-30; 2008.
4	2008	Baccouche H, Ursulescu A, <b>Yilmaz A</b> , Ott G, Klingel K, Zehender M, Mahrholdt H. Right ventricular false aneurysm following unrecognized myocardial infarction twenty-eight years ago. <b>Circulation</b> ; 118(20):2111-4; 2008.
3	2008	Baccouche H, <b>Yilmaz A</b> , Alschner D, Klingel K, Val-Bernal JF, Mahrholdt H. Magnetic Resonance Assessment and Therapy Monitoring of Cardiac Involvement in Churg-Strauss Syndrome. <b>Circulation</b> ; 117(13):1745-9; 2008.
2	2007	<b>Yilmaz A</b> , Mahrholdt H, Athanasiadis A, Sechtem U: Non-invasive evaluation of coronary vasospasm using a combined hyperventilation and cold-pressure-test perfusion CMR protocol. <b>J Cardiovasc Magn Reson</b> ; 9(5):759-64; 2007.
1	2003	<b>Yilmaz A</b> , Kliche S, Mayr-Beyrle U, Fellbrich G, Waltenberger J: p38 MAPK inhibition is critically involved in VEGFR-2-mediated endothelial cell survival. <b>Biochem Biophys Res Commun</b> ; 306:730-6; 2003.

(\*) - Letter to the Editor" with peer-review

**B) Reviews and editorials:**

No.	Year	Manuscript
27	2024	Meier C, Israel C, Eisenblätter M, Hoyer A, Stoye FV, <b>Yilmaz A</b> , Gielen S. Safety of magnetic resonance imaging in patients with cardiac implantable electronic devices and abandoned or epicardial leads: a systematic review and meta-analysis. <b>Europace</b> ; 26(6):euae165.
26	2024	Korthals D, Bietenbeck M, Könemann H, Doldi F, Ventura D, Schäfers M, Mohr M, Wolfes J, Wegner F, <b>Yilmaz A</b> , Eckardt L. Cardiac Sarcoidosis-Diagnostic and Therapeutic Challenges. <b>J Clin Med</b> ; 13(6):1694.
25	2024	Nativi-Nicolau J, <b>Yilmaz A</b> , Dasgupta N, Macey R, Cochrane J, Peatman J, Summers C, Luth J, Zolty R. Six-minute walk test as clinical end point in cardiomyopathy clinical trials, including ATTR-CM: a systematic literature review. <b>J Comp Eff Res</b> ; ;13(7):e230158.
24	2023	Meier C, <b>Yilmaz A</b> . Diagnostik der kardialen Amyloidose [Diagnostics of cardiac amyloidosis]. <b>Inn Med (Heidelb)</b> ; 64(9):830-841.
23	2022	<b>Yilmaz A</b> . Interpretation of CMR-Based Mapping Findings in Cardiac Amyloidosis: Please Act With Caution! <b>JACC Cardiovasc Imaging</b> ; 15(4):604-606. doi: 10.1016/j.jcmg.2021.12.006. Epub 2022 Feb 16.
22	2022	Bauer BK, Meier C, Bietenbeck M, Lange PS, Eckardt L, <b>Yilmaz A</b> . Cardiovascular Magnetic Resonance-Guided Radiofrequency Ablation: Where Are We Now? <b>JACC Clin Electrophysiol</b> ; 8(2):261-274. doi: 10.1016/j.jacep.2021.11.017.
21	2021	Klopstock T, Priglinger C, <b>Yilmaz A</b> , Kornblum C, Distelmaier F, Prokisch H. Mitochondrial Disorders. <b>Dtsch Arztebl Int</b> ; arztebl.m2021.0251. 2021.
20	2020	Chatzantonis G, Meier C, <b>Yilmaz A</b> . Diagnostik und Therapie der kardialen Sarkoidose. <b>Kardiologie up2date</b> ; 16 (2): 111–126; 2020.
19	2018	<b>Yilmaz A</b> . Editorial: Contrastingly small iron oxides. <b>Nat Biomed Eng</b> ; 1(8):623-624; 2018.
18	2017	<b>Yilmaz A</b> . Editorial: Visualizing inflammation after myocardial infarction with the use of iron oxide nanoparticles. <b>Heart</b> ; in press; 2017.
17	2016	Bietenbeck M, <b>Yilmaz A</b> . Editorial: An MR Spectroscopy-Based Approach to Lean Versus Obese Diabetic Patients. <b>J Am Coll Cardiol</b> ; 68(1):64-6. 2016.
16	2016	Bietenbeck M, Florian A, Faber C, Sechtem U, <b>Yilmaz A</b> . Review: Remote magnetic targeting of iron oxide nanoparticles for cardiovascular diagnosis and therapeutic drug delivery: where are we now? <b>Int J Nanomedicine</b> ; 11:3191-203; 2016.
15	2015	Bietenbeck M, Florian A, Sechtem U, <b>Yilmaz A</b> . Review: The diagnostic value of iron oxide nanoparticles for imaging of myocardial inflammation – quo vadis? <b>J Cardiovasc Magn Reson</b> ; 17:54; 2015.
14	2014	<b>Yilmaz A</b> , Sechtem U. Review: Ischaemia testing in patients with stable angina: which test for whom? <b>Heart</b> ; 100(23):1886-96; 2014.
13	2014	<b>Yilmaz A</b> , Sechtem U. Review: Diagnostic approach and differential diagnosis in patients with hypertrophied left ventricles. <b>Heart</b> ; 100(8):662-71; 2014.
12	2013	<b>Yilmaz A</b> , Ferreira V, Klingel K, Kandolf R, Neubauer S, Sechtem U. Review: Role of cardiovascular magnetic resonance imaging (CMR) in the diagnosis of acute and chronic myocarditis. <b>Heart Fail Rev</b> ; 18(6):747-60; 2013.
11	2012	<b>Yilmaz A</b> , Sechtem U. Angina pectoris in patients with normal coronary angiograms: current pathophysiological concepts and therapeutic options. <b>Heart</b> ; 98(13):1020-9; 2012.
10	2012	Kindermann I, Barth C, Mahfoud F, Ukena C, Lenski M, <b>Yilmaz A</b> , Klingel K, Kandolf R, Sechtem U, Cooper LT, Böhm M. Update on Myocarditis. <b>J Am Coll Cardiol</b> ; 59(9):779-92; 2012.
9	2012	<b>Yilmaz A</b> , Sechtem U. Republished Education in Heart: Cardiac involvement in muscular dystrophy: advances in diagnosis and therapy. <b>Postgrad Med J</b> ; 88(1039):290-9; 2012.
8	2012	<b>Yilmaz A</b> , Sechtem U: Cardiac involvement in muscular dystrophy – advances in diagnosis and therapy. <b>Heart</b> ; 98(5):420-9; 2012.
7	2011	<b>Yilmaz A</b> . Herzerkrankungen bei Patienten mit Muskeldystrophie Typ Duchenne bzw. Becker – aktueller Stand der Diagnostik und der Therapie. <b>Neurologie &amp; Rehabilitation</b> ; 2011.
6	2010	<b>Yilmaz A</b> , Sechtem U: Angina pectoris without coronary stenosis – current concepts. <b>Dtsch Med Wochenschr</b> ; 135(39):1925-30; 2010,
5	2009	<b>Yilmaz A</b> , Klingel K, Kandolf R, Sechtem U. Imaging in inflammatory heart disease: from the past to current clinical practice. <b>Hellenic J Cardiol</b> ; 50(6):449-60; 2009.
4	2009	<b>Yilmaz A</b> , Sechtem U. Risk prediction using cardiovascular magnetic resonance imaging (CMR). <b>Dtsch Med Wochenschr</b> ; 134(40):2008-12; 2009.

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3	2008	<b>Yilmaz A</b> , Sechtem U. Cardiac imaging in suspected coronary artery disease. <b>Dtsch Med Wochenschr</b> ; 133(13):644-9; 2008.
2	2008	<b>Yilmaz A</b> , Klingel K, Kandolf R, Sechtem U. A geographical mystery: do cardiotropic viruses respect national borders? <b>J Am Coll Cardiol</b> ; 52(1):82; 2008.
1	2007	Voehringer M, Mahrholdt H, <b>Yilmaz A</b> , Sechtem U: Significance of late gadolinium enhancement in cardiovascular magnetic resonance imaging (CMR). <b>Herz</b> ; 32(2):129-37; 2007.

**C) Book chapters:**

No.	Year	Author / Title / Publisher
9	2021	<b>Yilmaz A</b> , Klingel K, Sechtem U: Endomyocardial biopsy. In: Eric Eeckhout et al (eds.), Percutaneous interventional cardiovascular medicine / <b>The PCR-EAPCI textbook</b> . Herausgeber: PCR publishing; aktualisierte Online-Ausgabe 08/2021.
8	2021	<b>Yilmaz A</b> , Meier C. Chapter: Kardiale Beteiligung bei Sarkoidose. In: Nikolaus Marx and Erland Erdmann (Eds), <b>Klinische Kardiologie</b> . Springer Reference Medizin 2021.
7	2019	<b>Yilmaz A</b> and Florian A, 'Myocarditis: imaging techniques', in A. John Camm and others (eds), <b>The ESC Textbook of Cardiovascular Medicine</b> , 3 edn, The European Society of Cardiology Series (Oxford, 2018; online edn, ESC Publications, 28 Nov. 2019), <a href="https://doi.org/10.1093/med/9780198784906.003.0367_update_001">https://doi.org/10.1093/med/9780198784906.003.0367_update_001</a>
6	2018	Florian A, <b>Yilmaz A</b> . Chapter: Mitochondrial Heart Involvement. In Michelangelo Mancuso et Thomas Klopstock (eds.), <b>Diagnosis and Management of Mitochondrial Disorders</b> . Springer 2019.
5	2017	<b>Yilmaz A</b> , Florian A. Chapter: Myocarditis - Myocarditis: Imaging (Echo, CMR, nuclear). In: P. Elliott et al. (eds.), <b>The ESC Textbook of Cardiovascular Medicine 3rd edition</b> . Oxford University Press 2017.
4	2016	Florian A, <b>Yilmaz A</b> . Chapter 8: Role of Cardiovascular Magnetic Resonance Imaging in Heart Failure. In: M. Dorobanțu et al. (eds.), <b>Current Approach to Heart Failure</b> , DOI 10.1007/978-3-319-45237-1_8. Springer International Publishing Switzerland 2017.
3	2014	<b>Yilmaz A</b> , Sechtem U: Endomyocardial biopsy. In: Eric Eeckhout et al (eds.), Percutaneous interventional cardiovascular medicine / <b>The PCR-EAPCI textbook</b> . Herausgeber: PCR publishing; aktualisierte Online-Ausgabe 2014.
2	2012	<b>Yilmaz A</b> , Klingel K, Kandolf R, Sechtem U: Endomyocardial biopsy. In: Eric Eeckhout et al (eds.), Percutaneous interventional cardiovascular medicine / <b>The PCR-EAPCI textbook</b> . Herausgeber: PCR publishing; 2012.
1	2011	Mahrholdt H, <b>Yilmaz A</b> , Sechtem U: Myocarditis. In: J.L. Zamorano et al (eds.), <b>The ESC Textbook of Cardiovascular Imaging</b> . Springer-Verlag (Berlin); 2011.