

SCIENTIFIC PUBLICATIONS

A. BOOKS AND MONOGRAPHS

B. TEXTBOOKS (not for MDs)

B.1. ORIGINAL ARTICLES*

(Including IF; No. of Citations; Rank of Journal in Discipline)

B.1. Articles Published

1. Fireman E, **Topilsky I**, Greif J, Lerman Y, Schwarz Y, Man A, Topilsky M. Induced sputum compared to bronchoalveolar lavage for evaluating patients with sarcoidosis and non-granulomatous interstitial lung disease. *Respir Med*. 1999;93(11):827-34.
(CARDIAC & CARDIOVASCULAR SYSTEMS 50/122, IF=2.59, No of citations 40).
2. Flaishon L*, **Topilski I***, Shoseyov D, HersHKoviz R, Fireman E, Levo Y, Marmor S, Shachar I. Cutting edge: anti-inflammatory properties of low levels of IFN-gamma. *J Immunol*. 2002 15;168(8):3707-11.
* F.L and T.I contributed equally to this study.
(IMMUNOLOGY 24/135, IF=5.52, No of citations 44).
3. Schwartz IF, Schwartz D, Traskonov M, Chernichovsky T, Wollman Y, Gnessin E, **Topilsky I**, Levo Y, Iaina A. L-Arginine transport is augmented through up-regulation of tubular CAT-2 mRNA in ischemic acute renal failure in rats. *Kidney Int*. 2002;62(5):1700-6.
(UROLOGY AND NEPHROLOGY 4/73, IF=7.92, No of citations 32).
4. **Topilski I**, Harmelin A, Flavell RA, Levo Y, Shachar I. Preferential Th1 immune response in invariant chain-deficient mice. *J Immunol*. 2002;168(4):1610-7.
(IMMUNOLOGY 24/135, IF=5.52, No of citations 28).
5. **Topilski I**, Flaishon L, Naveh Y, Harmelin A, Levo Y, Shachar I. The anti-inflammatory effects of 1,25-dihydroxyvitamin D3 on Th2 cells in vivo are due in part to the control of integrin-mediated T lymphocyte homing. *Eur J Immunol*. 2004;34(4):1068-76.
(IMMUNOLOGY 26/135, IF=4.97, No of citations 48).
6. **Topilski I**, Glick A, Belhassen B. Idiopathic left ventricular tachycardia with a right bundle branch block morphology and left axis deviation ("Belhassen type"): results of radiofrequency ablation in 18 patients. *Isr Med Assoc J*. 2004;6(4):195-200.
(MEDICINE, GENERAL&INTERNAL 80/151, IF=0.98, No of citations

- 6).
7. Koifman B, **Topilski I**, Megidish R, Zelmanovich L, Chernihovsky T, Bykhovsy E, Keren G.
Effects of losartan + L-arginine on nitric oxide production, endothelial cell function, and hemodynamic variables in patients with heart failure secondary to coronary heart disease.
Am J Cardiol. 2006;98(2):172-7.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21, No of citations 7).
8. **Topilski I**, Glick A, Viskin S, Belhassen B.
Frequency of spontaneous and inducible atrioventricular nodal reentry tachycardia in patients with idiopathic outflow tract ventricular arrhythmias.
Pacing Clin Electrophysiol. 2006;29(1):21-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 65/122, IF=1.75, No of citations 4).
9. **Topilski I**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B.
Radiofrequency ablation of atrioventricular nodal reentry tachycardia: a 14 year experience with 901 patients at the Tel Aviv Sourasky Medical Center.
Isr Med Assoc J. 2006;8(7):455-9.
(MEDICINE, GENERAL&INTERNAL 80/151, IF=0.98, No of citations 8).
10. **Topilski I**, Sherez J, Keren G, Copperman I.
Long-term effects of dual-chamber pacing with periodic echocardiographic evaluation of optimal atrioventricular delay in patients with hypertrophic cardiomyopathy >50 years of age.
Am J Cardiol. 2006;97(12):1769-75.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21, No of citations 9).
11. Fireman E, **Topilsky I**, Viskin S, Priel IE.
The role of induced sputum in amiodarone-associated interstitial lung diseases.
Cardiology. 2007;108(4):223-7.
(CARDIAC & CARDIOVASCULAR SYSTEMS 70/122, IF=1.52, No of citations 1).
12. **Topilski I**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B.
Catheter-induced mechanical trauma to fast and slow pathways during radiofrequency ablation of atrioventricular nodal reentry tachycardia: incidence, predictors, and clinical implications.
PACE - Pacing Clin Electrophysiol. 2007;30(10):1233-41.
(CARDIAC & CARDIOVASCULAR SYSTEMS 65/122, IF=1.75, No of citations 5).
13. **Topilski I**, Rogowski O, Rosso R, Justo D, Copperman Y, Glikson M, Belhassen B, Hochenberg M, Viskin S.

The morphology of the QT interval predicts torsade de pointes during acquired bradyarrhythmias.

J Am Coll Cardiol. 2007;49(3):320-8.

(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 58).

14. Le Tourneau T, Messika-Zeitoun D, Russo A, Detaint D, **Topilsky Y**, Mahoney DW, Suri R, Enriquez-Sarano M.
Impact of left atrial volume on clinical outcome in organic mitral regurgitation.
J Am Coll Cardiol. 2010;56(7):570-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 32).
15. **Topilsky Y**, Tribouilloy C, Michelena HI, Pislaru S, Mahoney DW, Enriquez-Sarano M.
Pathophysiology of tricuspid regurgitation: quantitative Doppler echocardiographic assessment of respiratory dependence.
Circulation. 2010; (15)122:1505-13.
(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 8).
16. Maltais S, Schaff HV, Daly RC, Suri RM, Dearani JA, Sundt TM, 3rd, Enriquez-Sarano M, **Topilsky Y**, Park S.
Mitral regurgitation surgery in patients with ischemic cardiomyopathy and ischemic mitral regurgitation: factors that influence survival.
J Thorac Cardiovasc Surg. 2011;142(5):995-1001.
(CARDIAC & CARDIOVASCULAR SYSTEMS 33/122, IF=3.53, No of citations 9).
17. Michelena HI, Khanna AD, Mahoney D, Margaryan E, **Topilsky Y**, Suri RM, Enriquez-Sarano M.
Incidence of aortic complications in patients with bicuspid aortic valves.
JAMA. 2011;306(10):1104-12.
(MEDICINE, GENERAL&INTERNAL 3/151, IF=29.97, No of citations 20).
18. Miller WL, Mahoney DW, Michelena HI, Pislaru SV, **Topilsky Y**, Enriquez-Sarano M.
Contribution of ventricular diastolic dysfunction to pulmonary hypertension complicating chronic systolic heart failure.
JACC Cardiovasc Imaging. 2011;4(9):946-54.
(CARDIAC & CARDIOVASCULAR SYSTEMS 10/122, IF=6.16, No of citations 4).
19. **Topilsky Y**, Hasin T, Oh JK, Borgeson DD, Boilson BA, Schirger JA, Clavell AL, Frantz RP, Tsutsui R, Liu M, Maltais S, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic variables after left ventricular assist device implantation associated with adverse outcome.

Circ Cardiovasc Imaging. 2011;4(6):648-61.

(CARDIAC & CARDIOVASCULAR SYSTEMS 14/122, IF=5.79, No of citations 4).

20. **Topilsky Y**, Khanna AD, Oh JK, Nishimura RA, Enriquez-Sarano M, Jeon YB, Sundt TM, Schaff HV, Park SJ.
Preoperative factors associated with adverse outcome after tricuspid valve replacement.
Circulation. 2011;123(18):1929-39.
(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 16).
21. **Topilsky Y**, Oh JK, Atchison FW, Shah DK, Bichara VM, Schirger JA, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic findings in stable outpatients with properly functioning HeartMate II left ventricular assist devices.
J Am Soc Echocardiogr. 2011;24(2):157-69.
(CARDIAC & CARDIOVASCULAR SYSTEMS 26/122, IF=4.28, No of citations 6).
22. **Topilsky Y**, Oh JK, Shah DK, Boilson BA, Schirger JA, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic predictors of adverse outcomes after continuous left ventricular assist device implantation.
JACC Cardiovasc Imaging. 2011;4(3):211-22.
(CARDIAC & CARDIOVASCULAR SYSTEMS 10/122, IF=6.16, No of citations 14).
23. **Topilsky Y**, Pereira NL, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Joyce LD, Park SJ.
Left ventricular assist device therapy in patients with restrictive and hypertrophic cardiomyopathy.
Circ Heart Fail. 2011;4(3):266-75.
(CARDIAC & CARDIOVASCULAR SYSTEMS 7/122, IF=6.68, No of citations 14).
24. Arbel Y, Birati EY, Shapira I, **Topilsky Y**, Wirguin M, Canaani MDJ.
T-wave amplitude is related to physical fitness status.
Ann Noninvasive Electrocardiol. 2012;17(3):214-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 95/122, IF=1.08).
25. Hasin T, **Topilsky Y**, Kremers WK, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Stulak JM, Kushwaha SS, Park SJ, Pereira NL.
Usefulness of the six-minute walk test after continuous axial flow left ventricular device implantation to predict survival.
Am J Cardiol. 2012;110(9):1322-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21).
26. Hasin T, **Topilsky Y**, Schirger JA, Li Z, Zhao Y, Boilson BA, Clavell AL,

Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Park SJ, Kushwaha SS.

Changes in renal function after implantation of continuous-flow left ventricular assist devices.

J Am Coll Cardiol. 2012;59(1):26-36.

(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 5).

27. Maltais S, **Topilsky Y**, Tchantchaleishvili V, McKellar SH, Durham LA, Joyce LD, Daly RC, Park SJ.

Surgical treatment of tricuspid valve insufficiency promotes early reverse remodeling in patients with axial-flow left ventricular assist devices.

J Thorac Cardiovasc Surg. 2012;143(6):1370-6.

(CARDIAC & CARDIOVASCULAR SYSTEMS 33/122, IF=3.53, No of citations 4).

28. **Topilsky Y**, Hasin T, Raichlin E, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Maltais S, Park SJ, Daly RC, Lerman A, Kushwaha SS.

Sirolimus as primary immunosuppression attenuates allograft vasculopathy with improved late survival and decreased cardiac events after cardiac transplantation.

Circulation. 2012;125(5):708-20.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 10).

29. **Topilsky Y**, Hayes CL, Khanna AD, Allison TG.

Cardiopulmonary exercise test in patients with subacute pulmonary emboli.

Heart Lung. 2012;41(2):125-36.

(CARDIAC & CARDIOVASCULAR SYSTEMS 78/122, IF=1.40).

30. **Topilsky Y**, Khanna A, Le Tourneau T, Park S, Michelena H, Suri R, Mahoney DW, Enriquez-Sarano M.

Clinical context and mechanism of functional tricuspid regurgitation in patients with and without pulmonary hypertension.

Circ Cardiovasc Imaging. 2012;5(3):314-23.

(CARDIAC & CARDIOVASCULAR SYSTEMS 14/122, IF=5.80, No of citations 3).

31. **Topilsky Y**, Michelena H, Bichara V, Maalouf J, Mahoney DW, Enriquez-Sarano M.

Mitral valve prolapse with mid-late systolic mitral regurgitation: pitfalls of evaluation and clinical outcome compared with holosystolic regurgitation.

Circulation. 2012;125(13):1643-51.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 3).

32. Hasin T, Marmor Y, Kremers W, **Topilsky Y**, Severson CJ, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Stulak JM, Joyce L, Daly R, Park SJ, Kushwaha SS.

Readmissions after implantation of axial flow left ventricular assist device.
J Am Coll Cardiol. 2013; 61(2):153-163.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/125, IF=15.343, No of citations 23).

33. **Topilsky Y**, Gandhi MJ, Hasin T, Voit LL, Raichlin E, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Kushwaha SS, Lerman A, Pereira NL.

Donor-specific antibodies to class II antigens are associated with accelerated cardiac allograft vasculopathy: a three-dimensional volumetric intravascular ultrasound study.

Transplantation. 2013;95(2):389-396.

(IMMUNOLOGY 50/144, IF=3.535, No of citations 6).

34. **Topilsky Y**, Raichlin E, Hasin T, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Gandhi MJ, Maltais S, Park SJ, Daly RC, Lerman A, Kushwaha SS.

Combined heart and liver transplant attenuates cardiac allograft vasculopathy compared with isolated heart transplantation.

Transplantation. 2013;95(6):859-865.

(IMMUNOLOGY 50/144, IF=3.535, No of citations 2).

35. Le Tourneau T, Deswarte G, Lamblin N, Foucher-Hosseine C, Fayad G, Richardson M, Polge A-N, Vannesson C, **Topilsky Y**, Juthier F, Trochu J-N, Enriquez-Sarano M, Bauters C.

Right ventricular systolic function in organic mitral regurgitation: impact of biventricular impairment.

Circulation. 2013;127(15):1597-1608.

(CARDIAC & CARDIOVASCULAR SYSTEMS 2/125, IF=14.948, No of citations 4).

36. Shacham Y, Leshem-Rubinow E, Ben Assa E, Rogowski O, **Topilsky Y**, Roth A, Steinvil A.

Comparison of C-Reactive Protein and Fibrinogen Levels in Patients Having Anterior Wall ST-Segment Elevation Myocardial Infarction With Versus Without Left Ventricular Thrombus (From a Primary Percutaneous Coronary Intervention Cohort).

Am J Cardiol. 2013;112(1):57-60.

(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 0).

37. Shacham Y, Leshem-Rubinow E, Ben Assa E, Rogowski O, **Topilsky Y**, Roth A, Steinvil A.

Frequency and correlates of early left ventricular thrombus formation following anterior wall acute myocardial infarction treated with primary percutaneous coronary intervention.

Am J Cardiol. 2013;111(5):667-670.

(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 2).

38. **Topilsky Y**, Vaturi O, Watanabe N, Bichara V, Nkomo VT, Michelena H, Le Tourneau T, Mankad SV, Park S, Capps MA, Suri R, Pislaru SV, Maalouf J, Yoshida K, Enriquez-Sarano M.
Real-time 3-dimensional Dynamics of Functional Mitral Regurgitation: A Prospective Quantitative and Mechanistic Study.
JAHA - Journal of American Heart Association 2013;2(3):e000039.
(CARDIAC & CARDIOVASCULAR SYSTEMS 47 /125IF=2.882, No of citations 2).
39. Maltais S, Tchantchaleishvili V, Schaff HV, Daly RC, Suri RM, Dearani JA, **Topilsky Y**, Stulak JM, Joice LD, Park SJ.
Management of Severe Ischemic Cardiomyopathy: left ventricular assist device as destination therapy versus Conventional Bypass and Mitral Valve Surgery.
J Thorac Cardiovasc Surg. 2014;147:1246-1250.
(CARDIAC & CARDIOVASCULAR SYSTEMS 28/125, IF=3.991, No of citations 0).
40. Matsuo Y, Cassar A, Yoshino S, Flammer AJ, Li J, Gulati R, **Topilsky Y**, Raichlin E, Lennon RJ, Lerman LO, Rihal CS, Kushwaha SS, Lerman A.
Attenuation of Cardiac Allograft Vasculopathy by Sirolimus: Relationship to Time Interval after Heart Transplantation.
*J Heart Lung Transplant.*2013;32(8):784-91.
(CARDIAC & CARDIOVASCULAR SYSTEMS 17/125, IF=5.611, No of citations 1).
41. Schwartz AL*, **Topilsky Y***, Uretzky G, Nesher N, Ben-Gal Y, Biner S, Keren G, Kramer A.
Long-Term Clinical and Echocardiographic Follow-Up of the Freestyle Stentless Aortic Bioprosthesis – the Tel Medical Center Experience.
Isr Med Assoc J. 2013;15(9):470-6.
* S.A.L and T.Y contributed equally to this study
(MEDICINE, GENERAL&INTERNAL 93/150, IF=0.903, No of citations 0).
42. Finkelstein A, Schwartz AL, Uretzky G, Banai S, Keren G, Kramer A, **Topilsky Y**.
Hemodynamic Performance and Outcome of Per-cutaneous versus Surgical Stentless Bioprostheses for Aortic Stenosis with Anticipated Patient Prosthesis Mismatch.
J Thorac Cardiovasc Surg. 2014;147:1892-1899.
(CARDIAC & CARDIOVASCULAR SYSTEMS 28/125, IF=3.991, No of citations 1).
43. Fine NM, **Topilsky Y**, Oh JK, Hasin T, Kushwaha SS, Daly RC, Joyce LD, Stulak JM, Pereira NL, Boilson BA, Clavell AL, Edwards BS, Park SJ.
The Role of Echocardiography in Patients with Intravascular Hemolysis due to Suspected Continuous-Flow Left Ventricular Assist Device Thrombosis.
JACC Cardiovasc Imaging. 2013 Nov;6(11):1129-40.
(CARDIAC & CARDIOVASCULAR SYSTEMS 7/125, IF=6.986, No of citations 1).

citations 2).

44. Bayer-Topilsky T, Trenerry MR, Suri R, **Topilsky Y**, Antiel RM, Marmor Y, Mahoney DW, Schaff HV, Enriquez-Sarano M.
Psycho-emotional Manifestations of Valvular Heart Diseases: Prospective Assessment in Mitral Regurgitation.
Am J Med. 2013;126(10):916-24.
(MEDICINE, GENERAL&INTERNAL 14/150, IF=5.302, No of citations 0).
45. Shacham Y, Steinvil A, Leshem-Rubinow E, Ben Assa E, Keren G, Roth A, **Topilsky Y**.
Association between time to reperfusion and echocardiography assessed left ventricular filling pressure in patients with first ST-segment elevation myocardial infarction undergoing primary coronary intervention.
Cardiol J. 2014;21:357-363.
(CARDIAC & CARDIOVASCULAR SYSTEMS 91 /125, IF=1.215, No of citations 0).
46. Biner S, Michowitz Y, Leshem-Rubinow E, **Topilsky Y**, Ben-Assa E, Shimiaie J, Banai S, Keren G, Steinvil A, Finkelstein A.
Hemodynamic Impact and Outcome of Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Implantation.
Am J Cardiol. 2014;113:132-13.
(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 1).
47. Biner S, Birati EY, **Topilsky Y**, Steinvil A, Ben Assa E, Sadeh B, Arbel Y, Halkin A, Abramowitz Y, Leshem-Rubinow E, Banai S, Keren G, Finkelstein.
Outcome of transcatheter aortic valve implantation in patients with low-gradient severe aortic stenosis and preserved left ventricular ejection fraction.
Am J Cardiol. 2014;113:348-354.
(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 0).
48. Hasin T, Deo S, Maleszewski JJ, **Topilsky Y**, Edwards BS, Pereira NL, Stulak JM, Joyce L, Daly R, Kushwaha SS, Park SJ.
The Role of Medical Management for Acute Intravascular Hemolysis in Patients supported on Axial flow LVAD.
ASAIO J. 2014;60:9-14.
(TRANSPLANTATION 22/26, IF=1.385, No of citations 1).
49. Maayan K, Simon B, **Yan T (Topilsky Y)**, Yigal A, Ofer H, Eyal BA, Eran LR, Yaron A, Gad K, Shmuel B, Ariel F.
Predictors of Improvement in Diastolic Function Following Transcatheter Aortic Valve Implantation.
J Echocardiogr. 2014;12(1):17-23.
(No IF).
50. Shacham Y*, **Topilsky Y***, Leshem-Rubinow E, Arbel Y, Ben Assa E, Keren

G, Roth A, Steinvil A.

Association between c-reactive protein level and echocardiography assessed left ventricular function in first st-segment elevation myocardial infarction patients who underwent primary coronary intervention.

J Cardiol. 2014;63:402-408.

* Y.S and Y.T contributed equally to this study.

(CARDIAC & CARDIOVASCULAR SYSTEMS 55/125, IF=2.566, No of citations 0).

51. Shacham Y, **Topilsky Y**, Leshem-Rubinow E, Laufer-Perl M, Keren G, Roth A, Steinvil A, Arbel Y.

Comparison of left ventricular function following first st-segment elevation myocardial infarction treated with primary percutaneous coronary intervention in men versus women.

Am J Cardiol. 2014;113:1941-1946.

(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425,no citations:0).

52. **Topilsky Y**, Nkomo VT, Vatury O, Michelena HI, Letourneau T, Suri RM, Pislaru S, Park S, Mahoney DW, Biner S, Enriquez-Sarano M.

Clinical outcome of isolated tricuspid regurgitation.

JACC Cardiovasc Imaging. 2014;7(12):1185-94.

(CARDIAC & CARDIOVASCULAR SYSTEMS 7/125, IF=6.986, No of citations 50).

53. Aviram G, Shmueli H, Adam SZ, Bendet A, Ziv-Baran T, Steinvil A, Berliner AS, Neshet N, Ben-Gal Y, **Topilsky Y**.

Pulmonary Hypertension: A Nomogram Based on CT Pulmonary Angiographic Data for Prediction in Patients without Pulmonary Embolism.

Radiology. 2015; 277(1):236-46.

IF 7.931; RADIOLOGY, NUCLEAR & MEDICAL IMAGING 3/134-Q1; Cited: 9.

54. Bayer-Topilsky T, Suri RM, **Topilsky Y**, Marmor YN, Trenerry MR, Antiel RM, Mahoney DW, Schaff HV, Enriquez-Sarano M.

Psychoemotional and quality of life response to mitral operations in patients with mitral regurgitation: a prospective study.

Ann Thorac Surg. 2015; 99(3):847-54.

IF 3.639; SURGERY 34/210-Q1;CARDIAC & CARDIOVASCULAR SYSTEMS 49/138-Q2; Cited: 7.

55. Biner S, **Topilsky Y**, Banai S, Steinvil A, Arbel Y, Siegel RJ, Beigel R, Keren G, Finkelstein A.

Echo Doppler Estimation of Pulmonary Capillary Wedge Pressure in Patients with Severe Aortic Stenosis.

Echocardiography. 2015;32(10):1492-7.

IF 1.393; CARDIAC & CARDIOVASCULAR SYSTEMS 113/138-Q4;

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56. Buffle E, Kramarz J, Elazar E, Aviram G, Ingbir M, Nesher N, Biner S, Keren G, **Topilsky Y.**
Added value of pulmonary venous flow Doppler assessment in patients with preserved ejection fraction and its contribution to the diastolic grading paradigm.
Eur Heart J Cardiovasc Imaging. 2015;16(11):1191-7.
IF 4.841; CARDIAC & CARDIOVASCULAR SYSTEMS 28/138-Q1; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING 18/134-Q1; Cited: 11.
57. Grupper A, Park SJ, Pereira NL, Schettle SD, Gerber Y, **Topilsky Y**, Edwards BS, Daly RC, Stulak JM, Joyce LD, Kushwaha SS.
Role of ventricular assist therapy for patients with heart failure and restrictive physiology: Improving outcomes for a lethal disease.
J Heart Lung Transplant. 2015;34(8):1042-9.
IF 7.865; CARDIAC & CARDIOVASCULAR SYSTEMS 13/138-Q1; RESPIRATORY SYSTEM 7/64-Q1; SURGERY 4/210-Q1; TRANSPLANTATION 1/24-Q1; Cited: 27.
58. Pressman GS, Movva R, **Topilsky Y**, Clavel M-A, Saldanha JA, Watanabe N, Enriquez-Sarano M.
Mitral Annular Dynamics in Mitral Annular Calcification: A Three-Dimensional Imaging Study.
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IF 5.508; CARDIAC & CARDIOVASCULAR SYSTEMS 21/138-Q1; Cited: 18.
59. Shacham Y, Leshem-Rubinow E, Gal-Oz A, **Topilsky Y**, Steinvil A, Keren G, Roth A, Arbel Y.
Association of left ventricular function and acute kidney injury among ST-elevation myocardial infarction patients treated by primary percutaneous intervention.
Am J Cardiol. 2015;115(3):293-7.
IF 2.57; CARDIAC & CARDIOVASCULAR SYSTEMS 63/138-Q2; Cited: 22.
60. Shimiaie J, Sherez J, Aviram G, Megidish R, Viskin S, Halkin A, Ingbir M, Nesher N, Biner S, Keren G, **Topilsky Y.**
Determinants of Effort Intolerance in Patients With Heart Failure: Combined Echocardiography and Cardiopulmonary Stress Protocol.
JACC Heart Fail. 2015; 3(10):803-14.
IF 9.14; CARDIAC & CARDIOVASCULAR SYSTEMS 10/138-Q1; Cited: 39.
61. Aviram G, Soikher E, Bendet A, Ziv-Baran T, Berliner S, Shmueli H, Friedensohn L, Milwidsky A, Sadovnik O, **Topilsky Y.**
Automatic assessment of cardiac load due to acute pulmonary embolism: Saddle vs. central and peripheral emboli distribution.
Heart Lung. 2016;45(3):261-9.

IF 1.63; NURSING 44/123-Q2; Cited: 3.

62. Aviram G, Soikher E, Bendet A, Shmueli H, Ziv-Baran T, Amitai Y, Friedensohn L, Berliner S, Meilik A, **Topilsky Y**.
Prediction of Mortality in Pulmonary Embolism Based on Left Atrial Volume Measured on CT Pulmonary Angiography.

Chest. 2016;149(3):667-75.

IF 8.308; CRITICAL CARE MEDICINE 4/36-Q1; RESPIRATORY SYSTEM 6/64-Q1; Cited: 22.

63. Bayer-Topilsky T, Suri RM, **Topilsky Y**, Marmor YN, Trenerry MR, Antiel RM, Mahoney DW, Schaff HV, Enriquez-Sarano M.

Mitral Valve Prolapse, Psychoemotional Status, and Quality of Life: Prospective Investigation in the Current Era.

Am J Med. 2016;129(10):1100-9.

IF 4.529; MEDICINE, GENERAL & INTERNAL 23/165-Q1; Cited: 1.

64. Ben-Shoshan J, Steinvil A, Arbel Y, **Topilsky Y**, Barak L, Entin-Meer M, Levy R, Schwartz AL, Keren G, Finkelstein A, Banai S.
Sustained Elevation of Vascular Endothelial Growth Factor and Angiopoietin-2 Levels After Transcatheter Aortic Valve Replacement.

Can J Cardiol. 2016;32(12):1454-61.

IF 5.234; CARDIAC & CARDIOVASCULAR SYSTEMS 25/138-Q1; Cited: 3.

65. Fine NM, Park SJ, Stulak JM, **Topilsky Y**, Daly RC, Joyce LD, Pereira NL, Schirger JA, Edwards BS, Lin G, Kushwaha SS.

Proximal thoracic aorta dimensions after continuous-flow left ventricular assist device implantation: Longitudinal changes and relation to aortic valve insufficiency.

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IF 23.603; CARDIAC&CARDIOVASCULAR SYSTEMS 1/138-Q1; PERIPHERAL VASCULAR DISEASE 1/65-Q1; Cited: 22.
122. Szekely Y, Shmilovich H, Hochstadt A, Ghantous E, **Topilsky Y**, Aviram G, Hadad Y, Arbel Y, Konigstein M, Banai S, Finkelstein A, Halkin A.
Long-term implications of left atrial appendage thrombus identified incidentally by pre-procedural cardiac computed tomography angiography in patients undergoing transcatheter aortic valve replacement.
Eur Heart J Cardiovasc Imaging. Published online March 10, 2020.
doi:10.1093/ehjci/jeaa030
IF 4.841; CARDIAC&CARDIOVASCULAR SYSTEMS 28/138-Q1; RADIOLOGY, NUCLEAR MEDICINE, MEDICAL IMAGING 18/134-Q1; Cited: 0.

B.1. Articles Accepted**B.1. Articles Submitted****B1.1. GUIDELINES**

1. Leitman M, **Topilsky Y**, Tyomkin V, Carasso S, Shimoni S, Goland S, Ben Zekry S, Sagie A, Cohen NL, Yosefy C, Beeri R.
Standards on Digital Echocardiography: An Israel Heart Society Position Paper Presented by the Israel Working Group on Echocardiography.
Isr Med Assoc J. 2019;21(8):524-7.
IF 0.86; MEDICINE, GENERAL&INTERNAL 129/165-Q4; Cited: 0.

LEAD AUTHOR SUMMARY

Article Info		Current Data (year)			Original Data (year)		
No.	Journal	IF	Rank	Quartile	IF	Rank	Quartile

53	Radiology	7.931	3/134	Q1	6.798	2/124	Q1
56	Eur Heart J Cardiovasc Imaging	4.841	28/138; 18/134	Q1	4.293	28/124	Q1
60	JACC Heart Fail	9.14	10/138	Q1	7.218	9/124	Q1
61	Heart Lung	1.63	44/123	Q2	1.657	27/116	Q1
62	Chest	8.308	4/36; 6/64	Q1	6.147	5/33; 7/59	Q1
67	Catheter Cardiovasc Interv	2.044	85/138	Q3	2.602	59/126	Q2
77	Eur Heart J Cardiovasc Imaging	4.841	28/138; 18/134	Q1	8.336	10/128; 21/129	Q1
78	JACC Cardiovasc Imaging	12.74	7/138; 1/134	Q1	10.247	7/128; 1/129	Q1
79	Echocardiography	1.393	113/138	Q4	1.197	109/128	Q4
81	Chest	8.308	4/36; 6/64	Q1	7.652	4/33; 7/60	Q1
82	J Am Soc Echocardiogr	5.508	21/138	Q1	6.827	13/128	Q1
83	Am J Cardiol	2.57	63/138	Q2	3.171	49/128	Q2
85	J Am Soc Echocardiogr	5.508	21/138	Q1	6.111	17/136	Q1
91	J Am Soc Echocardiogr	5.508	21/138	Q1	6.111	17/136	Q1
93	Eur Heart J	22.673	2/138	Q1	24.889	1/136	Q1
94	JACC Cardiovasc Imaging	12.74	7/138; 1/134	Q1	10.975	8/136; 1/129	Q1

96	Eur Heart J Cardiovasc Imaging	4.841	28/138; 18/134	Q1	4.841	28/138; 18/134	Q1
107	JACC Cardiovasc Imaging	12.74	7/138; 1/134	Q1	12.74	7/138; 1/134	Q1
109	Int J Cardiol	3.229	55/138	Q2	3.229	55/138	Q2
117	Eur Heart J Cardiovasc Imaging	4.841	28/138; 18/134	Q1	4.841	28/138; 18/134	Q1
121	Circulation	23.603	1/138; 1/65	Q1	23.603	1/138; 1/65	Q1

B.2. CASE REPORTS

B.2. Case Reports published

1. **Topilsky Y**, Tabatabaei N, Freeman WK, Saleh HK, Villarraga HR, Mulvagh SL.
Images in cardiovascular medicine. Pendulum heart in congenital absence of the pericardium.
Circulation. 2010 Mar 16;121(10):1272-4.
2. Morris MF, Williamson EE, **Topilsky Y**, Espinosa RE, Cetta F, Burkhart HM, et al. Multi-imaging assessment of the congenital mitral arcade.
J Am Coll Cardiol. 2011 May 3;57(18):1856.
3. Pereda D, **Topilsky Y**, Nishimura RA, Park SJ.
Asymmetric Alfieri's stitch to correct systolic anterior motion after mitral valve repair.
Eur J Cardiothorac Surg. 2011 May;39(5):779-81.
4. **Topilsky Y**, Hasin T, McGregor CG, Park SJ. Mitral valve regurgitation in patients supported on continuous flow pumps.
Echocardiography. 2011 Nov;28(10):E202-4.
5. **Topilsky Y**, Price TN, Atchison FW, Joyce LD.
Atypical tamponade hemodynamic in a patient with temporary left ventricular assist device.
Interact Cardiovasc Thorac Surg. 2011 May;12(5):832-4.

6. Cho YH, Deo SV, **Topilsky Y**, Grogan MA, Park SJ.
Left ventricular assist device implantation in a patient who had previously undergone apical myectomy for hypertrophic cardiomyopathy.
J Cardiovasc Surg. 2012 Mar;27(2):266-8.
7. Daly RC, **Topilsky Y**, Joyce L, et al.
Combined heart and liver transplantation: protection of the cardiac graft from antibody rejection by initial liver implantation.
Transplantation. Jan 27 2013;95(2):e2-4.

B.2. Case Reports Accepted

B.2. Case Reports Submitted

B.3. REVIEW ARTICLES

B.3. Review Articles Published

1. Michelena HI, Bichara VM, Margaryan E, Forde I, **Topilsky Y**, Suri R, et al.
Progress in the treatment of severe mitral regurgitation.
Rev Esp Cardiol. 2010 Jul;63.820-31:(7).
2. **Topilsky Y**, Suri R, Schaff HV, Enriquez-Sarano M.
When to intervene for asymptomatic mitral valve regurgitation.
Semin Thorac Cardiovasc Surg. 2010 Autumn;22(3):216-24.
3. Le Tourneau T, Piriou N, Donal E, Deswarte G, **Topilsky Y**, Lamblin N ,et al.
Imaging and modern assessment of the right ventricle.
Minerva Cardioangiol. 2011 Aug;59(4):349-73.
4. Michelena HI, **Topilsky Y**, Suri R, Enriquez-Sarano M.
Degenerative mitral valve regurgitation: understanding basic concepts and new developments.
Postgrad Med. 2011 Mar;123(2):56-69.
5. **Topilsky Y**, Grigioni F, Enriquez-Sarano M.
Quantitation of mitral regurgitation.
Semin Thorac Cardiovasc Surg. 2011 Summer;23(2):106-14.
6. **Topilsky Y**, Maltais S, Oh JK, Atchison FW, Perrault LP, Carrier M, et al.
Focused review on transthoracic echocardiographic assessment of patients with continuous axial left ventricular assist devices.
Cardiol Res Pract. 2011;2011:187434.
7. Man A, Keren G, **Topilsky Y**.
Cardio pulmonary stress test – Physiological basis and key variables.
Harefuah. 2013 Dec;152(12):725-8, 752.
8. Messika-Zeitoun D, **Topilsky Y**, Enriquez-Sarano M.

The role of echo in the management of patients with myxomatous disease.
Cardiology Clinics. 2013; 31(2):217-29.

9. Man A, Keren G, **Topilsky Y**.

Cardio pulmonary stress test – interpretation and clinical indications.
Harefuah. 2014;153:92-96, 126.

10. Enriquez-Sarano M, Messika-Zeitoun D, **Topilsky Y**, Tribouilloy C, Benfari G, Michelena H.

Tricuspid regurgitation is a public health crisis.

Prog Cardiovasc Dis. 2019;62(6):447-51.

11. **Topilsky Y**.

Mitral Regurgitation: Anatomy, Physiology, and Pathophysiology-Lessons Learned From Surgery and Cardiac Imaging.

Front Cardiovasc Med. 2020;7:84. doi:10.3389/fcvm.2020.00084

12. **Topilsky Y**.

Tricuspid valve regurgitation: epidemiology and pathophysiology.

Minerva Cardioangiol. 2018;66(6):673-9.

13. **Topilsky Y**, Michelena HI, Messika-Zeitoun D, Enriquez Sarano M.

Doppler-Echocardiographic Assessment of Tricuspid Regurgitation.

Prog Cardiovasc Dis. 2018;61(5-6):397-403.

B.3. Review Articles Accepted

B.3. Review Articles Submitted for Publication

C. CHAPTERS IN BOOKS

1. Messika-Zeitoun D, **Topilsky Y**, Enriquez-Sarano M.

The role of echo in the management of patients with myxomatous disease.

In Hung JW, Tan TC, eds. *Cardiology Clinics*.

Elsevier. 2013; 31(2):217-29.

2. **Topilsky Y**, Grigioni F, Enriquez-Sarano M.

Clinical Prognostic Value of Secondary Mitral Valve Regurgitation.

In Fattouch K, Lancellotti P, Angelini GD, eds. *Secondary Mitral Valve Regurgitation*.

London, UK, Springer; 2015:13-18.

3. **Topilsky Y**, Biner S.

Sizing of Aortic Annulus by 3-Dimensional Trans –Esophageal Echocardiography.

In Yosefy C, ed.; *Principles of Practical Three-Dimensional Echocardiography*.

Ashkelon, Israel, Pe'er Hakodesh; 2016; Chapter 14:229-36.

4. **Topilsky Y**, Oh JK.
Heart Failure, LVAD, and Transplantation.
In Oh JK, eds.; The Echo manual; 2018; 4th Ed., Chapter 11:249-71.

D.1.INVITED PAPERS IN SCIENTIFIC MEETINGS

1. Idiopathic Tricuspid Regurgitation.
ACC Scientific Sessions, March 2012. Invited speaker/Faculty.
2. Normal LVAD Findings.
ASE Scientific Sessions, June 2012. Invited speaker/Faculty.
3. Hemodynamics of LVAD.
Samsung Mayo Critical Care Cardiology Symposium July 2012. Invited Speaker/Faculty.
4. Post operative management of patients with LVAD.
Samsung Mayo Critical Care Cardiology Symposium, July 2012. Invited Speaker/Faculty.
5. Echo in Patients with VADs.
ASE 2013 Scientific Sessions June 2013. Invited speaker/Faculty.
6. Imaging of Tricuspid Regurgitation.
American College of Cardiology Conference, USA, March 2014. Invited speaker Oral Presentation.
7. Echo in LAVD; Echo in CRT optimization; Paradoxical Low Flow Low Gradient Severe Aortic Stenosis.
Brazilian Society of Echocardiography Conference, April 2014. Invited speaker/Faculty Oral Presentations.
8. Outcome and management of Tricuspid Regurgitation.
American Valve Heart Association Conference, USA, May 2014. Invited speaker/Faculty Oral Presentation.
9. RV dysfunction in LVAD patients.
American Society of Echocardiography Conference, USA, June 2014. Invited speaker/Faculty Oral Presentation.
10. May 2015 Monaco European Valve Heart Association Conference. Invited speaker/Faculty Oral Presentation.
11. Echo assessment of LVAD patients.
Padua University, Italy, May 2015. Invited speaker/Faculty Oral Presentation.

12. RV assessment in LVAD patients.
American Society of Echocardiography Conference, Boston USA, June 2015.
Invited speaker/Faculty Oral Presentation.
13. Right Ventricle, Assessment of diameters, volumes and mass.
European Society of Echocardiography Conference. Sevilla, Spain. December 2015. Invited speaker/Faculty Oral Presentation.
14. Etiology and natural history of Tricuspid regurgitation.
American Valve Heart Association Conference. USA. March 2016. Invited speaker/Faculty Oral Presentation.
15. Evaluation of TR the Israel Perspective.
58th Annual Conference of the Israel Heart Society, Israel. April 2017. Invited speaker/Faculty Oral Presentation.
16. Natural History of Tricuspid Regurgitation.
Workshop Consensus Manuscript committee. Chicago TR. June 2017. Invited speaker/Faculty Oral Presentation.
17. Tricuspid Valve Anatomy and Pathophysiology.
TCT Denver USA. October 2017. Invited speaker/Faculty Oral Presentation.
18. Tricuspid Valve in 2017: no longer forgotten.
European Society of Echocardiography Conference. Lisbon, Portugal. December 2017. Invited speaker/Faculty Oral Presentation.
19. The Right Stuff: Tricuspid and Pulmonic Valve Disease.
American College of Cardiology Conference. USA. April 2018. speaker/
Faculty Oral Presentations.
20. Understanding the mechanisms contributing to degenerative and functional TR.
American Valve heart Association Conference. USA. 2018.
21. Too late is too late.
Mitral Valve Meeting. Switzerland. 2018
22. Tricuspid valve: the tethering concept.
Mitral Valve Meeting. Monaco. 2018
23. Complications of Mechanical Assist Devices.
American Society of Echocardiography Conference. 2018
24. Etiologies and clinical presentation of TR: implications for therapy.
TCT. USA, 2018.
25. What does the patient with functional TR look like?
American College of Cardiology Conference. USA. 2019.

26. What the guidelines do and do not tell us?
European Valve Heart Association Conference. Spain 2019.
27. Discussant controversies in tricuspid valve.
TVT. USA 2019
28. Defining the magnitude of the TR problem.
European Society of Echocardiography Conference. Austria 2019.
29. Controversies in tricuspid valve interventions.
TCT. USA 2020.
30. Trans-catheter Tricuspid Intervention — Imaging Essentials.
TVT. USA 2020.
31. Tricuspid regurgitation: Is it time to know it Better? Annual Conference of the Brazil Heart Society. Brazil. 2020.

D.2. PAPERS PRESENTED AT SCIENTIFIC MEETINGS PUBLISHED AS PROCEEDINGS

1. **Topilski I* (Topilsky Y)***, Glick A, Belhassen B.
Idiopathic left ventricular tachycardia with a right bundle branch block morphology and left axis deviation ("Belhassen type"): results of radiofrequency ablation in 18 patients.
Presented at the 51th Annual conference of the Israeli Heart Society, Tel Aviv, Israel. April 2003 Oral presentation.
2. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Frequency of spontaneous and inducible atrioventricular nodal reentry tachycardia in patients with idiopathic outflow tract ventricular arrhythmias.
Presented at the Annual Conference of the Israel Heart Society, Tel Aviv, Israel. April 2005 Oral presentation.
3. **Topilski I (Topilsky Y)**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B. Radiofrequency ablation of atrioventricular nodal reentry tachycardia: a 14-year experience at the Tel Aviv Medical Center in 901 patients.
Presented at the 53th Annual Conference of the Israel Heart Society, Tel Aviv, Israel. April 2006 Oral presentation.
4. **Topilski I (Topilsky Y)**, Rogowski O, Rosso R, Justo D, Copperman Y, Glickson M, Belhassen B, Hochenberg M, Viskin S.
The Morphology of the QT Interval Predicts Torsade de Pointes During Acquired Bradyarrhythmias.
Presented at the 54th Annual Conference of the Israel Heart Society, Tel Aviv, Israel. April 2007 Oral presentation.

5. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Catheter-induced mechanical trauma to slow and fast pathways during radiofrequency ablation for AVNRT: incidence, predictors and clinical implications.
Presented at the Annual Conference of the Israel Heart Society, Tel Aviv, Israel. April 2007 Oral presentation.
6. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Catheter-induced mechanical trauma to slow and fast pathways during radiofrequency ablation for AVNRT: incidence, predictors and clinical implications.
Presented at the Annual Conference of the Israel Heart Society, Tel Aviv, Israel. April 2007 Oral presentation.
7. **Topilsky Y**, Enriquez-Sarano M.
Mechanism of functional, isolated tricuspid regurgitation A quantitative clinical study.
Presented at the European Society of Cardiology Congress, April 2009 Poster presentation
8. **Topilsky Y** and Sarano ME.
Contrasting Mechanisms of Functional TR With and Without Pulmonary Hypertension.
Presented at the American Heart Association Conference, USA. November 2009 Poster presentation.
9. **Topilsky Y**, Enriquez-Sarano M.
Respiratory variation of tricuspid regurgitation: novel physiologic on the plasticity of right sided cardiac cavities.
Presented at the American College of Cardiology Conference, USA. March 2010 Poster Presentation.
10. Boilson BA, Schirger JA, **Topilsky Y**, Durham LA, Kushwaha SS, Joyce LD, Daly RC, Edwards SJ.
Have LVADs rendered fixed pulmonary hypertension in heart failure a vestige of the past?
Presented at the American College of Cardiology Conference, USA. March 2010 Poster Presentation.
11. **Topilsky Y**, Boilson B, Sung K, Durham L, Daly R, Kushwaha SS, Pereira N, Park S.
Factors Influencing Hospital LOS following successful LVAD therapy.
Presented at the American College of Cardiology Conference, USA. March 2010 Poster presentation.
12. **Topilski I (Topilsky Y)** Enriquez-Sarano M.
Quantitative Determinants of the Outcome of Idiopathic Tricuspid Regurgitation.
Presented at the American Valve Heart Association Conference, USA. April 2010 Oral Presentation.

13. **Topilsky Y**, Oh JK, Atchison FW, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Edwards BS, Pereira NL, and Park SJ.
Transthoracic Echocardiographic Assessment of Normal Left Ventricular Assist Device Function.
Presented at the American Heart Association Conference, USA. November 2010 Poster Presentation.
14. Schirger JA, **Topilsky Y**, Edwards BS, Kushwaha SS, Boilson B, Daly R, Joyce L, Burnett JC, Chen HH, Durham L, and Park SJ.
Improved Renal Function With Continuous Flow Left Ventricular Assist Support is Associated With Aortic Valve Opening at 3 Months.
Presented at the American Heart Association Conference, USA. November 2010 Oral Presentation.
15. **Topilsky Y** and Enriquez Sarano M.
Should Patients with End Systolic MR be graded on the Basis of Effective regurgitant Orifice?
Presented at the American College of Cardiology Conference, USA. April 2011 Poster Presentation.
16. **Topilsky Y** and Enriquez Sarano M.
Outcome of Functional Tricuspid Regurgitation in Patients with Systolic Dysfunction. Presented at the American College of Cardiology Conference, USA. April 2011 Oral Presentation
17. **Topilsky Y**, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Clavell AL, Frantz RP, Edwards BS, Edwards SJ, Pereira NL.
Hemodynamic Consequences of LVAD Therapy in Patients with Restrictive and Hypertrophic Cardiomyopathy.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
18. **Topilsky Y**, Pereira NL, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Edwards SJ.
LVAD Therapy in Patients with Restrictive and Hypertrophic Cardiomyopathy. Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
19. **Topilsky Y**, Raichlin E, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Daly RC, Lerman A, Kushwaha SS.
Utilization of Sirolimus as Primary Immunosuppression Attenuates Cardiac Allograft Vasculopathy and Improves Late Survival in the Heart Transplant Population.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Oral Presentation.
20. Maltais S, Mckellar SH, Hasin T, **Topilsky Y**, Tsutsui R, Joyce LD, Daly RC, Kushwaha SS, Edwards SJ.
Tricuspid Valve Insufficiency in Patients with Axial-flow Left Ventricular

Assist Devices.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Oral Presentation.

21. Hasin T, **Topilsky Y**, Li Z, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Edwards SJ, Kushwaha SS.
Predictors of Renal Function Improvement Following Implantation of Continuous Flow Left Ventricular Assist Device.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
22. Hasin T, **Topilsky Y**, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Kushwaha SS, Edwards SJ, Pereira NL.
Impaired Exercise Tolerance after Continuous Axial Flow Pump Implantation Is Associated with Reduced Survival.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
23. **Topilsky Y**, MD, Gandhi MJ, MD, Hasin T, MD, Raichlin E, MD, Maltais S, MD, Boilson BA, MD, Schirger JA, MD, Edwards BS, MD, Clavell AL, MD, Rodeheffer RJ, MD; Frantz RP, MD, Joyce L, MD, Park S, MD, Daly RC, MD, Kushwaha SS, MD, Lerman A, MD, Pereira NL, MD.
Donor specific alloantibodies to HLA II antigens result in accelerated cardiac allograft vasculopathy – A 3-D volumetric IVUS study.
Presented at the American Heart Association Conference, USA. November 2011 Poster Presentation
24. Liu M, Lin G, **Topilsky Y**, Hasin T, Boege MA, Kushwaha SS, Oh JK, Park SJ, Miller FA, Frantz RP, Brady PA.
Decreased Right Ventricular Strain Before Left Ventricular Assist Device Implantation is Associated With Adverse Early Outcome.
Presented at the American Heart Association Conference, USA. November 2011 Poster Presentation.
25. **Topilsky Y**, Raichlin E, Hasin T, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Gandhi MJ, Maltais S, Edwards SJ, Daly RC, Lerman A, Kushwaha SS.
Combined Heart and Liver Transplant Attenuates Cardiac Allograft Vasculopathy with Decreased Coronary Related Cardiac Events Compared to Isolated Heart Transplantation.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. April 2012 Poster Presentation
26. Hasin T, Marmor Y, **Topilsky Y**, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, D. Richard, Edwards SJ, Kushwaha SS.
Readmissions Following Implantation of Axial Flow Left Ventricular Assist Devices.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. April 2012 Poster Presentation.

27. **Topilsky Y**, Enriquez-Sarano M.
Mitral Annular Dynamics in Functional Mitral Regurgitation: New Insights with Real-time 3-dimensional Echocardiography.
Presented at the American Valve Heart Association Conference, USA. April 2012 Oral Presentation.
28. **Topilsky Y**, Enriquez-Sarano M.
Papillary Muscle Dynamics in Functional Mitral Regurgitation: New Insights with Real-time 3-Dimensional Echocardiography.
Presented at the American Valve Heart Association Conference, USA. April 2012 Oral Presentation.
29. Hasin T, Kamath P, Kremers W, **Topilsky Y**, Schirger J, Boilson B, Clavell A, Rodeheffer R, Frantz R, Edwards B, Pereira N, Joyce L, Daly R, Park S, Kushwaha S.
Hyperbilirubinemia after Axial Flow Left ventricular Assist Device Implantation is Associated with Increased Mortality.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
30. Hasin T, **Topilsky Y**, Schirger J, Li Z, Boilson B, Clavell A, Rodeheffer R, Frantz R, Edwards B, Pereira N, Joyce L, Daly R, Park S, Kushwaha S.
Late Decline in Renal Function Following Implantation of Continuous Flow Left Ventricular Assist Devices.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
31. Hasin T, **Topilsky Y**, Li Z, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Edwards SJ, Kushwaha SS.
Predictors of Renal Function Improvement Following Implantation of Continuous Flow Left Ventricular Assist Device.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
32. Hasin T, **Topilsky Y**, Kremers W, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Kushwaha SS, Edwards SJ, Pereira NL. Impaired 6 Minute Walk Test after Continuos Axial Flow Left Ventricular Device Implantation Is Associated with Reduced Survival.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
33. **Topilsky Y**, Michelena H, Mahoney D, Enriquez-sarano M.
Burden of tricuspid regurgitation in the community.
European Valve Heart Association Conference. Italy. June 2013. Oral Presentation.

34. **Topilsky Y.**
Case Illustration: When things go wrong.
American Society of Echocardiography Conference. USA, June 2013. Oral Presentation.
35. **Topilsky Y.**
Tricuspid Regurgitation.
American College of Cardiology Conference. USA, March 2014. Oral Presentations.
36. **Topilsky Y.**
Echo in LVAD.
Brazilian Society of Echocardiography Conference. Brazil, April 2014. Presentation.
37. **Topilsky Y.**
Paradoxical low flow low gradient aortic stenosis.
Brazilian Society of Echocardiography Conference. Brazil, April 2014. Presentation.
38. **Topilsky Y.**
Tricuspid Regurgitation- what to do and when.
American Valve Heart Association Conference. USA, May 2014. Oral Presentation.
39. **Topilsky Y.**
Tricuspid Regurgitation- Still the forgotten valve?
American Society of Echocardiography Conference. USA, June 2014. Oral Presentation.
40. **Topilsky Y.**
Etiology and natural history of Tricuspid regurgitation.
European Valve Heart Association Conference. Monaco, May 2015. Oral Presentation.
41. **Topilsky Y.**
Echo in LVAD patients.
Padua University. Italy, May 2015. Oral Presentation.
42. **Topilsky Y.**
Importance of the right ventricle in LVAD patients.
American Society of Echocardiography Conference. Portland, USA, June 2015. Oral Presentation.
43. **Topilsky Y.**
Right ventricular function and prognosis in candidates to LVAD implantation.
European Society of Echocardiography Conference. Sevilla, Spain. December 2015. Oral Presentation.

44. **Topilsky Y**, ZR Rozenbaum, KS Khoury, GK Keren.
The use of combined echo and cardio-pulmonary stress for discriminating cardiac problems from de-conditioning in patients with dyspnea.
European Society of Echocardiography Conference. Leipzig, Germany.
December 2016. Oral Presentation.
European Heart Journal Supplements (2016) 17 (Supplement 2)
45. **Topilsky Y**, Zusman O. Intervention versus Observation in Symptomatic Patients with Normal Flow-Low Gradient Severe Aortic Stenosis.
European Valve Heart Association Conference. Monaco, March 2017.
Moderated Poster Presentation.
46. **Topilsky Y**.
Tricuspid Regurgitation- the Israeli perspective.
58th Annual Conference of the Israel Heart Society. Israel, April 2017. Oral Presentation.
47. Rothschild U, **Topilsky Y**.
Impact of RV Dysfunction and End-Diastolic Pulmonary Artery Pressure Estimated From Analysis of Tricuspid Regurgitant Velocity Spectrum in Patients With Preserved Ejection Fraction.
American College of Cardiology Conference. Washington, USA April 2017.
Poster Presentation.
48. **Topilsky Y**.
Epidemiology, pathogenesis and Natural History of TR in the Current Era.
TR Workshop Consensus Manuscript Committee. Chicago, USA, June 2017.
Oral Presentation.
49. **Topilsky Y**.
Who are reasonable (and unreasonable) candidates for surgical or trans-catheter intervention?
TCT. Denver, USA. October 2017. Oral Presentation.
50. **Topilsky Y**.
Tricuspid valve: the tethering concept.
International day of Monaco Cardio thoracic Center. Monaco November 2017.
Oral Presentation.
51. **Topilsky Y**.
Epidemiology, pathogenesis and Natural History of TR.
International day of Monaco Cardio thoracic Center. Monaco November 2017.
Oral Presentation.
52. Yogev, **Topilsky Y**.
Quantitative Assessment of Effective Regurgitant Orifice- Impact on Risk Stratification, and Cut-off for Severe and Torrential Tricuspid Regurgitation Grade.
EuroEcho. Lisbon, Portugal, December 2017.

53. Szekely Y, **Topilsky Y**.
The impact of coronary sinus narrowing on diastolic function in patients with refractory angina.
ACC, USA, 2019
54. Ben Assa E, **Topilsky Y**.
Clinical impact of post procedural mitral regurgitation after transcatheter aortic valve replacement.
ACC, USA 2019

D.3. ABSTRACTS

E. ITEMS IN ENCYCLOPEDIAS

F. BOOKS EDITED

G. OTHER PUBLICATIONS (Encyclopedias; Reports; Letter to Editors)

1. Pressman GS, Movva R, **Topilsky Y**, Clavel M-A, Saldanha JA, Watanabe N, Enriquez-Sarano M.
Three-Dimensional Echocardiography: A Powerful New Tool in the Evaluation of Mitral Annular Structure and Dynamics.
J Am Soc Echocardiogr. 2015;28(10):1256-7.
2. **Topilsky Y**.
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H. Member of Editorial Board/ Reviewer (International Journals)

- 2011-present Ad hoc Reviewer Heart and Lung.
- 2012-present Ad hoc Reviewer JACC Imaging.
- 2012-present Ad hoc Reviewer Echocardiography.
- 2012-present Ad hoc Reviewer IMAJ.
- 2015-present Ad hoc Reviewer European Heart Journal.
- 2015-present Ad hoc Reviewer Circulation Imaging.
- 2015-present Ad hoc Reviewer JTCVS.
- 2016-present Ad hoc Reviewer AJC.
- 2017-present Ad hoc Reviewer JHLT.
- 2017-present Ad hoc Reviewer Circulation.
- 2017-present Ad hoc Reviewer JACC.
- 2017-present Ad hoc Reviewer European Heart Journal Cardiovascular Imaging.
- 2015-present Member of Editorial Board, Trends in Cardiovascular Medicine (IF 4.6).
- 2017-present Member of Editorial Board, European Heart Journal Cardiovascular Imaging (IF 8.33).
- 2020-present Associate Editor, Echocardiography (IF 1.39).
- 2020-present Guest associate editor, Frontiers in Cardiovascular Medicine (IF 3.915)