

ПУБЛИКАЦИОННАЯ И ИЗДАТЕЛЬСКАЯ АКТИВНОСТЬ

НАУЧНЫЕ ПУБЛИКАЦИИ (77)

- First-Authorship:

Nr.	Publication	IF	Quart
1.	Zhigalov K , Van den Eynde J, Zubarevich A, Chrosch T, Goerd L, Arjomandi Rad A, Vardanyan R, Sá MPBO, Luedike P, Pizanis N, Koch A, Schmack B, Kamler M, Ruhparwar A, Weymann A. <i>Initial experience with CytoSorb therapy in patients receiving left ventricular assist devices</i> . Artif Organs. 2022 Jan;46(1):95-105. https://doi.org/10.1111/aor.14099	3.094	Q2
2.	Zhigalov K , Van den Eynde J, Chrosch T, Goerd L, Sá MPBO, Zubarevich A, Meyns B, Papathanasiou M, Wendt D, Luedike P, Pizanis N, Koch A, Schmack B, Rassaf T, Kamler M, Ruhparwar A, Weymann A. <i>Outcomes of Left Ventricular Assist Device Implantation for Advanced Heart Failure in Critically Ill Patients (INTERMACS 1 and 2): A Retrospective Study</i> . Artif Organs. 2021;00:1–11. https://doi.org/10.1111/aor.13897	3.094	Q2
3.	Zhigalov K , Sá MPBO, Arjomandi Rad A, Vardanyan R, Goerd L, Chrosch T, Zubarevich A, Wendt D, Pizanis N, Koch A, Kamler M, Berger R, Schmack B, Ruhparwar A, Popov AF, Weymann A. <i>The Impact of Obesity on Left Ventricular Assist Device Outcomes</i> . Medicina (Kaunas). 2020 Oct 23;56(11):E556. https://doi.org/10.3390/medicina56110556	2.430	Q2
4.	Zhigalov K , Sá MPBO, Gogia I, Chaduneli O, Adjailia EB, Mashhour A, Easo J, Wendt D, Ruhparwar A, Dapunt O, Weymann A, Eichstaedt H. <i>Outcomes and Hemodynamics of Enable Bioprosthesis in 432 Patients: an Afterword</i> . Minim Invasive Ther Allied Technol. 2020 Jul 14:1-6. https://doi.org/10.1080/13645706.2020.1785894	1.154	Q2
5.	Zhigalov K , Sá MPBO, Ennker J, Ruhparwar A, Weymann A. <i>Venoarterial Extracorporeal Life Support</i> . Artif Organs. 2020 Jun;44(6):661-662. https://doi.org/10.1111/aor.13715	2.379	Q2
6.	Zhigalov K , Sá MPBO, Kadyraliev B, Tsagakis K, Wendt D, Ruhparwar A, Weymann A. <i>Surgical Treatment of Infective Endocarditis in the Era of Minimally Invasive Cardiac Surgery and Transcatheter Approach: an Editorial</i> . J Thorac Dis 2020;12(3):140-14. https://doi.org/10.21037/jtd.2020.01.59	2.027	Q2
7.	Zhigalov K , Sá MPBO, Safonov D, Zagitov I, Alofesh A, Pavlova V, Easo J, Eichstaedt H, Ennker J, Ruhparwar A, Weymann A.	2.379	Q2

	<i>Clinical Outcomes of Venoarterial Extracorporeal Life Support in 462 Patients: Single-Center Experience.</i> Artif Organs. 2020 Jun;44(6):620-627. https://doi.org/10.1111/aor.13625		
8.	Zhigalov K , Weymann A. <i>Rescue aortic root replacement for endocarditis after TAVR (Reply).</i> Ann Thorac Surg. 2019 Nov 25. pii: S0003-4975(19)31743-6. https://doi.org/10.1016/j.athoracsur.2019.10.011	3.919	Q1
9.	Zhigalov K , Alofesh A, Sá MPBO, Ruhparwar A, Weymann A. <i>Surgical Treatment of a Left Anterior Descending Artery to the Main Pulmonary Artery Fistula.</i> J Card Surg. 2020 Jan;35(1):239-241. https://doi.org/10.1111/jocs.14288	1.179	Q3
10.	Zhigalov K , Mashhour A, Szczechowicz M, Mkalaluh S, Baranov A, Easo J, Altmann S, Eichstaedt H, Weymann A. <i>Long-term LVAD: a Rare Case of 10 Years' Support and Follow-up.</i> Am J Case Rep. 2019 Jul 17;20:1035-1038. https://doi.org/10.12659/ajcr.916404	1.754	Q3
11.	Zhigalov K , Khokhlunov M, Szczechowicz M, Mashhour A, Mkalaluh S, Easo J, Weymann A. <i>Right Anterior Minithoracotomy for Endocarditis Following Transcatheter Aortic Valve Replacement.</i> Ann Thorac Surg. 2020 Jan;109(1):e17-e19. https://doi.org/10.1016/j.athoracsur.2019.04.104	3.919	Q1
12.	Zhigalov K , Ponomarev D, Sozkov A, Kadyraliev B, Easo J, Weymann A. <i>Coronary Artery Bypass Grafting in a Patient with Situs Inversus Totalis.</i> Am J Case Rep. 2019 Jun 8;20:806-809. https://doi.org/10.12659/ajcr.916250	1.754	Q3
13.	Zhigalov K , Szczechowicz M, Mashhour A, Kadyraliev BK, Mkalaluh S, Easo J, Ennker J, Eichstaedt H, Weymann A. <i>Left ventricular assist device implantation with concomitant tricuspid valve repair: is there really a benefit?</i> J Thorac Dis. 2019;11(Suppl 6):S902-S912. https://doi.org/10.21037/jtd.2018.11.116	1.804	Q2
14.	Mashhour A ¹ , Zhigalov K ¹ , Mkalaluh S, Szczechowicz M, Easo J, Eichstaedt HC, Weymann A. <i>Outcome of a Modified Perceval Implantation Technique.</i> Thorac Cardiovasc Surg. 2019 Apr 19 (1 – contributed equally). https://doi.org/10.1055/s-0039-1685512	1.536	Q2
15.	Zhigalov K , Szczechowicz M, Mashhour A, Mkalaluh S, Safonov D, Enginiev S, Easo J, Ennker J, Eichstaedt H, Weymann A. <i>Impact of Preoperative Extracorporeal Life Support on LVAD Outcomes: A Comparative Study.</i> Int J Artif Organs. 2019 Jul;42(7):338-346. https://doi.org/10.1177/0391398819837696	1.133	Q3
16.	Zhigalov K , Szczechowicz M, Mashhour A, Mkalaluh S, Isaev M, Kadyraliev B, Easo J, Ennker J, Eichstaedt H, Weymann A. <i>Impact of Previous Sternotomy on Outcome after Left Ventricular Assist Device Implantation.</i> Thorac Cardiovasc Surg. 2019 Jan 8. 2019 Apr;67(3):183-190. https://doi.org/10.1055/s-0038-1676841	1.536	Q2

17.	Zhigalov K , Mashhour A, Szczechowicz M, Mkalaluh S, Karagezian S, Gogia I, Isaev M, Kadyraliev BK, Easo J, Ennker J, Eichstaedt H, Weymann A. <i>Clinical outcome and comparison of three different left ventricular assist devices in a high-risk cohort.</i> Artif Organs. 2018 Nov;42(11):1035-1042. https://doi.org/10.1111/aor.13140	2.111	Q2
18.	Christ T ¹ , Zhigalov K ¹ , Konertz W, Holinski S. <i>Clinical outcome and hemodynamic behavior of the Labcor Dokimos Plus aortic valve.</i> J Cardiothorac Surg. 2016 Nov 29; 11(1):160. (1 – contributed equally). https://doi.org/10.1186/s13019-016-0561-5	1.117	Q3

- Senior-Authorship:

Nr.	Publication	IF	Quart
19.	Энгиноев С.Т., Чернов И.И., Комаров Р.Н., Тарасов Д.Г., Семагин А.П., Арутюнян В.Б., Кадыралиев Б.К., Исмаилбаев А.М., Кузнецов Д.В., Зыбин А.А., Кондратьев Д.А., Геворгян А.А., Тлисов Б.М., Зорин Д.А., Жигалов К.Ю. <i>Гендерное сравнение непосредственных и среднесрочных результатов операции Озаки: анализ Propensity Score Matching.</i> Комплексные проблемы сердечно-сосудистых заболеваний. 2022;11(2):139-150. Enginoev ST, Chernov II, Komarov RN, Tarasov DG, Semagin AP, Arutyunyan VB, Kadyraliev BK, Ismailbaev AM, Kuznetsov DV, Zybin AA, Kondratyev DA, Gevorgyan AA, Tlisov BM, Zorin DA, Zhigalov K. <i>Gender comparison of immediate and medium-term results of Ozaki operation: a Propensity Score Matching Analysis.</i> Complex Issues of Cardiovascular Diseases. 2022;11(2): 139-150. (In Russ.). https://doi.org/10.17802/2306-1278-2022-11-2-139-150	NA	Q4
20.	Чернов, И., Энгиноев, С., Комаров, Р., Тарасов, Д., Синельников, Ю., Марченко, А., Арутюнян, В., Кадыралиев, Б., Исмаилбаев, А., Тлисов, Б., Зорин, Д., Щеглов, М., Жигалов, К. <i>Трехлетние результаты операции Озаки у пациентов 65 лет и старше: многоцентровое исследование.</i> Патология кровообращения и кардиохирургии. 2021;25(4), 53–63. Chernov II, Enginoev ST, Komarov RN, Tarasov DG, Sinelnikov YS, Marchenko AV, Arutyunyan VB, Kadyraliev BK, Ismailbaev AM, Tlisov BM, Zorin DA, Tcheglov MI, Zhigalov K. <i>Three-year results of Ozaki surgery in patients aged ≥65 years: a multicentre</i>	NA	Q4

	<i>study. Circulation Pathology and Cardiac Surgery. 2021;25(4):53-63. (In Russ.). http://dx.doi.org/10.21688/1681-3472-2021-4-53-63</i>		
21.	Zubarevich A, Szczechowicz M, Osswald A, Arjomandi Rad A, Vardanyan R, Sá MPBO, Van den Eynde J, Schmack B, Wendt D, Koch A, Pizanis N, Kamler M, Ruhparwar A, Weymann A, Zhigalov K. <i>Impact of Gender in Patients with Continuous-Flow Left Ventricular Assist Device Therapy in End-Stage Heart Failure.</i> Int J Artif Organs. 2021 Dec;44(12):990-997. https://doi.org/10.1177/03913988211006715	1.595	Q3
22.	Чернов И.И., Энгиноев С.Т., Комаров Р.Н., Базылев В.В., Тарасов Д.Г., Кадыралиев Б.К., Тунгусов Д.С., Арутюнян В.Б., Чрагян В.А., Батраков П.А., Исмаилбаев А.М., Тлисов Б.М., Вайман А., Помпеу М., Жигалов К. <i>Непосредственные результаты операции Ozaki: многоцентровое исследование.</i> Российский кардиологический журнал. 2020;25(4S):4157. Chernov II, Enginoev ST, Komarov RN, Bazylev VV, Tarasov DG, Kadyraliev BK, Tungusov DS, Arutyunyan AV, Chragyan AV, Batrakov PA, Ismailbaev AM, Tlison BM, Weymann A., Sá MPBO, Zhigalov K. <i>Short-term outcomes of Ozaki procedure: a multicenter study.</i> Russian Journal of Cardiology. 2020;25(S4):4157. (In Russ.) http://dx.doi.org/10.15829/1560-4071-2020-4157	NA	Q4
23.	Комаров Р.Н., Исмаилбаев А.М., Кадыралиев Б.К., Жигалов К.Ю. <i>Современные подходы к полной реваскуляризации миокарда у пациентов с многососудистым поражением коронарных артерий и частичным или полным отсутствием трансплантатов для коронарного шунтирования.</i> Хирургия. Журнал им. Н.И. Пирогова. 2020;(9):109-115. Komarov RN, Ismailbayev AM, Kadyraliyev BK, Zhigalov K. <i>Complete myocardial revascularization in patients with multiple-vessel coronary artery disease and partial or complete absence of the grafts for coronary artery bypass surgery.</i> Khirurgiia (Mosk). 2020;(9):109-115. (In Russ.). https://doi.org/10.17116/hirurgia2020091109	NA	Q4
24.	Zubarevich A; Szczechowicz M, Brcic A, Osswald A, Tsagakis K, Wendt D, Schmack B, Sá MPBO, Van den Eynde J, Ruhparwar A, Zhigalov K. <i>Tricuspid Valve Repair in Isolated Tricuspid Pathology: a 12-Year Single Center Experience.</i> J Cardiothorac Surg. 2020 Nov 16;15(1):330. https://doi.org/10.1186/s13019-020-01369-8	1.470	Q3
25.	Kadyraliev BK, Marchenko A, Arutyunyan V, Enginoev S, Askadinov M, Uzdenov M, Sá MPBO, Toropitsyn S, Samedova O,	1.179	Q3

	Pavlova V, Arjomandi Rad A, Vervoort D, Weymann A, Zhigalov K. <i>Wolfe Procedure in a 78-Year Old Patient With Aortic Root Aneurysm: a Case Report.</i> J Card Surg. 2020 Dec;35(12):3660-3662. https://doi.org/10.1111/jocs.15105		
26.	Zubarevich A, Kadyraliev B, Arutyunyan V, Chragyan V, Askadinov M, Sozkov A, Ponomarev P, Zyazeva I, Sá MPBO, Osswald A, Tsagakis K, Wendt D, Ruhparwar A, Weymann A, Zhigalov K. <i>On-Pump Versus Off-Pump Coronary Artery Bypass Surgery for Multivessel Coronary Revascularization.</i> J Thorac Dis. 2020 Oct;12(10):5639-5646. https://doi.org/10.21037/jtd-20-1284	2.046	Q2
27.	Sá MPBO, Chernov I, Marchenko A, Chragyan V, Komarov R, Askadinov M, Enginiev S, Kadyraliev B, Ismailbaev A, Tcheglov M, Clavel MA, Pibarot P, Ruhparwar A, Weymann A, Zhigalov K. <i>Aortic valve neocuspidization (Ozaki procedure) in patients with small aortic annulus (≤ 21mm): a multicenter study.</i> Structural Heart. 2020;4(5):413-419. http://dx.doi.org/10.1080/24748706.2020.1792595	NA	Q4
28.	Arutyunyan V, Chernov I, Komarov R, Sinelnikov Y, Kadyraliev B, Enginiev S, Tcheglov M, Ismailbaev A, Baranov A, Ashurov F, Clavel MA, Pibarot P, Sá MPBO, Weymann A, Zhigalov K. <i>Immediate Outcomes of Aortic Valve Neocuspidization with Glutaraldehyde-Treated Autologous Pericardium: a Multicenter Study.</i> Braz J Cardiovasc Surg. 2020 Jun 1;35(3):241-248. https://doi.org/10.21470/1678-9741-2020-0019	1.053	Q3
29.	Chernov I, Enginiev S, Koz'min D, Magomedov G, Tarasov D, MD, Sá MPBO, Weymann A, Zhigalov K. <i>Mini-thoracotomy versus Conventional Mitral Valve Surgery for Rheumatic Mitral Valve Stenosis: A Single-center Analysis of 128 Patients.</i> Braz J Cardiovasc Surg 2020;35(2):185-90. https://doi.org/10.21470/1678-9741-2019-0430	1.053	Q3
30.	Komarov R, Ismailbaev A, Chragyan V, Kadyraliev B, Sá MPBO, Ruhparwar A, Weymann A, Zhigalov K. <i>State-Of-The-Art Pediatric Coronary Artery Bypass Surgery: a Literature Review.</i> Braz J Cardiovasc Surg 2020;35(4):539-48. https://doi.org/10.21470/1678-9741-2019-0366	1.053	Q3

- Co-Authorship:

Nr.	Publication	IF	Quart
31.	Frass M, Zhigalov K. Oberbaum M, Weiermayer P. <i>Homeopathy Effects in Patients During Oncological Treatment.</i> J Cancer Res	4,322	Q1

	Clin Oncol 148, 2943–2944 (2022). https://doi.org/10.1007/s00432-022-04240-6		
32.	Кадыралиев Б.К., Арутюнян В.Б., Чернов И.И., Умаров А.Х., Жигалов К.Ю. , Вайманн А., Энгиноев С.Т. <i>Неокуспидализация аортального клапана. Патология кровообращения и кардиохирургия.</i> 2021;25(2):11-18. Kadyraliev B, Arutyunyan V, Chernov I, Umarov A, Zhigalov K , Weymann A, Enginoev S. <i>Neocuspidization of the aortic valve.</i> Circulation Pathology and Cardiac Surgery. 2021;25(2):11-18. (In Russ.). http://dx.doi.org/10.21688/1681-3472-2021-2-11-18	NA	Q4
33.	Zubarevich A, Zhigalov K , Szczechowicz M, Arjomandi Rad A, Vardanyan R, Torabi S, Papathanasiou M, Luedike P, Koch A, Pizanis N, Kamler M, Schmack B, Ruhparwar A, Weymann A. <i>Rescue extracorporeal life support as a bridge to durable left ventricular assist device.</i> Int J Artif Organs. 2022 Apr;45(4):371-378. https://doi.org/10.1177/03913988211053874	1,595	Q3
34.	Arjomandi Rad A, Vardanyan R, Thavarajasingam SG, Zubarevich A, Van den Eynde J, Sá MPBO, Zhigalov K , Sardiari Nia P, Ruhparwar A, Weymann A. <i>Extended, virtual, and augmented reality in thoracic surgery: a systematic review.</i> Interact Cardiovasc Thorac Surg. 2022 Jan 18;34(2):201-211. https://doi.org/10.1093/icvts/ivab241	1,905	Q2
35.	Zubarevich A, Zhigalov K , Ruhparwar A, Weymann A. <i>Transapical transcatheter mitral valve implantation in patients with degenerated mitral bioprostheses or failed ring annuloplasty.</i> Ann Cardiothorac Surg. 2021 Sep;10(5):674-682. https://doi.org/10.21037/acs-2021-tviv-fs-67	4,101	Q2
36.	Osswald A, Zubarevich A, Rad AA, Vardanyan R, Zhigalov K , Wendt D, Schmack B, Mashhour A, Ruhparwar A, Weymann A. <i>Geometric changes in aortic root replacement using Freestyle prosthesis.</i> J Cardiothorac Surg. 2021 Jul 28;16(1):204. https://doi.org/10.1186/s13019-021-01583-y	1,470	Q3
37.	Szczechowicz MP, Weymann A, Mkalaluh S, Mashhour A, Zhigalov K , Sá MPBO, Zubarevich A, Easo J. <i>Aortic Root Replacement for Destructive Endocarditis - Clinic and Microbiology.</i> Braz J Cardiovasc Surg 2021;36(5):614-22. https://doi.org/10.21470/1678-9741-2020-0412	1,312	Q3
38.	Zubarevich A, Szczechowicz M, Osswald A, Easo J, Arjomandi Rad A, Vardanyan R, Schmack B, Ruhparwar A, Zhigalov K , Weymann A. <i>Surgical treatment of infective endocarditis in intravenous drug abusers.</i> J Cardiothorac Surg. 2021 Apr 20;16(1):97. https://doi.org/10.1186/s13019-021-01491-1	1,470	Q3

39.	Zubarevich A, Szczechowicz M, Zhigalov K , Arjomandi Rad A, Vardanyan R, Easo J, Kamler M, Schmack B, Ruhparwar A, Weymann A. <i>Surgical Redo Mitral Valve Replacement in High-Risk Patients: The Real-World Experience</i> . J Card Surg. 2021 Sep;36(9):3195-3204. https://doi.org/10.1111/jocs.15787	1.490	Q3
40.	Zubarevich A, Zhigalov K , Van den Eynde J, Rabis M, Szczechowicz M, Osswald A, Sá MPBO, Schmack B, Ruhparwar A, Weymann A. <i>Sutureless Aortic Valve Replacement in Multivalve Procedures</i> . J Thorac Dis. 2021 Jun;13(6):3392-3398. https://doi.org/10.21037/jtd-21-300	2.046	Q2
41.	Rayol SC, Eynde JVD, Cavalcanti LRP, Escorel AC Neto, Rad AA, Amabile A, Botelho W Filho, Ruhparwar A, Zhigalov K , Weymann A, Sobral DC Filho, Sá MPBO. <i>Total Arterial Coronary Bypass Graft Surgery is Associated with Better Long-Term Survival in Patients with Multivessel Coronary Artery Disease: a Systematic Review with Meta-Analysis</i> . Braz J Cardiovasc Surg. 2021 Feb 1;36(1):78-85. https://doi.org/10.21470/1678-9741-2020-0653	1.053	Q3
42.	Zubarevich A, Zhigalov K , Szczechowicz M, Thielmann M, Rabis M, Van den Eynde J, Sá MPBO, Weissenberger W, Kadyraliev B, Enginoev S, Jánosi RA, Lind A, Rassaf T, Schmack B, Ruhparwar A, Weymann A, Wendt D. <i>Simultaneous Transaortic Transcatheter Aortic Valve Implantation and Off-Pump Coronary Artery Bypass: An Effective Hybrid Approach</i> . J Card Surg. 2021 Apr;36(4):1226-1231. https://doi.org/10.1111/jocs.15351	1.490	Q3
43.	Van den Eynde J, Sá MPBO, Vervoort D, Roevers L, Meyns B, Budts W, Gewillig M, Ruhparwar A, Zhigalov K , Weymann A. <i>Pulmonary Valve Replacement in Tetralogy of Fallot: An Updated Meta-Analysis</i> . Ann Thorac Surg. 2022 Mar;113(3):1036-1046. https://doi.org/10.1016/j.athoracsur.2020.11.040	3.919	Q1
44.	Arjomandi Rad A, Vardanyan R, Lopuszeko A, Osswald A, Szczechowicz M, Alt C, Stoffels I, Sá MPBO, Schmack B, Ruhparwar A, Zhigalov K , Zubarevich A, Weymann A. <i>Virtual and Augmented Reality in Cardiac Surgery</i> . Braz J Cardiovasc Surg. 2022 Mar 10;37(1):123-127. https://doi.org/10.21470/1678-9741-2020-0511	1.053	Q3
45.	Sá MPBO, Van den Eynde J, Simonato M, Cavalcanti LRP, Doulamis IP, Weixler V, Kampaktsis P, Gallo M, Laforgia PL, Zhigalov K , Ruhparwar A, Weymann A, Pibarot P, Clavel MA. <i>Valve-in-Valve Transcatheter Aortic Valve Implantation Versus Redo Surgical Aortic Valve Replacement: An Updated Meta-Analysis</i> . JACC Cardiovasc Interv. 2021 Jan 25;14(2):211-220. https://doi.org/10.1016/j.jcin.2020.10.020	8.432	Q1

46.	Zubarevich A, Zhigalov K , Osswald A, Arjomandi Rad A, Vardanyan R, Wendt D, Sá MPBO, Schmack B, Ruhparwar A, Weymann A. <i>Essen - Commando: How we Do It</i> . J Card Surg. 2021 Jan;36(1):286-289. https://doi.org/10.1111/jocs.15140	1.490	Q3
47.	Sá MPBO, Simonato M, Van den Eynde J, Cavalcanti LRP, Roevers L, Bisleri G, Dokollari A, Dvir D, Zhigalov K , Ruhparwar A, Weymann A. <i>Asymptomatic severe aortic stenosis, bicuspid aortic valves and moderate aortic stenosis in heart failure: new indications for transcatheter aortic valve implantation</i> . Trends Cardiovasc Med. 2020 Oct 13;S1050-1738(20)30125-0. https://doi.org/10.1016/j.tcm.2020.10.002	4.755	Q1
48.	Van den Eynde J, Sá MPBO, Callahan CP, Dimagli A, Vervoort D, Kampaktsis PN, Zhigalov K , Ruhparwar A, Weymann A. <i>Right Ventricular Outflow Tract Reconstruction with Medtronic Freestyle Valve in the Ross Procedure: A Systematic Review with Meta-Analysis</i> . Artif Organs. 2020;00:1–8. https://doi.org/10.1111/aor.13837	2.259	Q2
49.	Berger R, Attila N, Salewski C, Sandoval Boburg R, Acharya M, Weymann A, Zhigalov K , Schmack B, Sá MPBO, Schlensak C, Popov AF. <i>Is it Safe for Patients with Left Ventricular Assist Devices to Undergo Non-Cardiac Surgery?</i> Medicina (Kaunas). 2020 Aug 23;56(9):E424. https://doi.org/10.3390/medicina56090424	2.430	Q2
50.	Zubarevich A, Zhigalov K , Arjomani Rad A, Vardanyan R, Wendt D, Schmack B, Ruhparwar A, Weymann. <i>Open transcatheter multivalve replacement in degenerated valve prostheses in high-risk patients with endocarditis</i> . Braz J Cardiovasc Surg. 2021 Oct 17;36(5):703-706. https://doi.org/10.21470/1678-9741-2020-0394	1.312	Q3
51.	Zubarevich A, Zhigalov K , Schmack B, Arjomani Rad A, Vardanyan R, Wendt D, Ruhparwar A, Weymann A. <i>Step-by-Step Minimally Invasive Aortic Valve Replacement: the RAT Approach</i> . Braz J Cardiovasc Surg. 2021 Jun 1;36(3):420-423. https://doi.org/10.21470/1678-9741-2020-0393	1.312	Q3
52.	Sá MPBO, Zhigalov K , Cavalcanti LRP, Neto ACE, Rayol SC, Weymann A, Ruhparwar A, Lima RC. <i>Impact of aortic annulus enlargement on the outcomes of aortic valve replacement: a meta-analysis</i> . Semin Thorac Cardiovasc Surg. 2020 Jul 2;S1043-0679(20)30237-9. https://doi.org/10.1053/j.semtcvs.2020.06.046	2.133	Q2
53.	Sá MPBO, Van den Eynde J, Cavalcanti LRP, Kadyraliev B, Enginoev S, Zhigalov K , Ruhparwar A, Weymann A, Dreyfus G. <i>Mitral valve repair with minimally invasive approaches versus sternotomy: a meta-analysis of early and late results in randomized and matched observational studies</i> . J Card Surg. 2020 Sep;35(9):2307-2323. https://doi.org/10.1111/jocs.14799	1.179	Q3

54.	Easo J, Szczechowicz M, Hölzl P, Meyer A, Zhigalov K , Malik R, Thomas RP, Weymann A, Dapunt O. <i>Stentless Root Replacement in Infective Endocarditis – Propensity Score Matching Against Tissue Valves</i> . Braz J Cardiovasc Surg 2020;35(4):411-9. https://doi.org/10.21470/1678-9741-2020-0267	1.053	Q3
55.	Sá MPBO, Zhigalov K , Ruhparwar A, Weymann A. <i>The upward trend of suboptimal treatment in cardiac surgery: a worrisome issue</i> . Eur J Cardiothorac Surg. 2020 Jul 15:ezaa224. https://doi.org/10.1093/ejcts/ezaa224	3.847	Q1
56.	Cavalcanti LRP, Sá MPBO, Campos JCS, Braga PGB, Perazzo AM, de A. Neto ACE, Wanderley LC, Holz BS, Soares AMM, Zhigalov K , Tsagakis K, Ruhparwar A, Weymann A. <i>Acute Aortic Dissection: an Update</i> . Curr Emerg Hosp Med Rep 8, 90–102 (2020). https://link.springer.com/article/10.1007/s40138-020-00216-3	NA	Q4
57.	Van den Eynde J, Arjomandi Rad A, Karasov I, Airapetyan A, Sá MPBO, Easo J, Zhigalov K , Weymann A, Kadyraliev B. <i>Open Surgical Correction of Multiple Bronchial Artery Aneurysms</i> . J Card Surg. 2020 Jul;35(7):1657-1659. https://doi.org/10.1111/jocs.14600	1.179	Q3
58.	Weymann A, Zhigalov K , Bisleri G. <i>Balloon Expandable Rapid-Deployment Valve Implantation for Small Aortic Root</i> . Ann Thorac Surg. 2020 Jun 7:S0003-4975(20)30879-1. https://doi.org/10.1016/j.athoracsur.2020.04.083	3.919	Q1
59.	Szczechowicz M, Weymann A, Mkalaluh S, Mashhour A, Zhigalov K , Easo J. <i>Surgical Options for Aortic Root Replacement in Destructive Endocarditis</i> . Braz J Cardiovasc Surg. 2020 Jun 1;35(3):265-273. https://doi.org/10.21470/1678-9741-2020-0020	1.053	Q3
60.	Osswald A, Ruhparwar A, Zhigalov K , Weymann A. <i>Transmitral Extraction of a Massive Intraventricular Thrombus</i> . Eur Heart J. 2020 Oct 14;41(39):3797. https://doi.org/10.1093/eurheartj/ehaa271	24.889	Q1
61.	Szczechowicz M, Mkalaluh S, Torabi S, Zhigalov K , Mashhour A, Karck M, Easo J, Weymann A. <i>Bailout bypass surgery for complications of coronary interventions</i> . Asian Cardiovasc Thorac Ann. 2020 May;28(4):205-212. https://doi.org/10.1177/0218492320919200	0.4	Q3
62.	Cavalcanti LRP, Sá MPBO, Perazzo AM, Escorel NAC, Gomes RAF, Weymann A, Zhigalov K , Ruhparwar A, Lima RC. <i>Mitral Annular Calcification: Association with Atherosclerosis and Clinical Implications</i> . Curr Atheroscler Rep. 2020 Feb 7;22(2):9 https://doi.org/10.1007/s11883-020-0825-3	3.769	Q1
63.	Rayol SC, Sá MPBO, Cavalcanti LRP, Perazzo AM, Escorel Neto AC, Diniz RGS, Zhigalov K , Ruhparwar A, Weymann A, Lima RC.	1.053	Q3

	<i>German Aortic Valve Score in Risk Assessment for Surgical Aortic Valve Replacement in a Brazilian Center. Braz J Cardiovasc Surg</i> 2020;35(2):141-4. https://doi.org/10.21470/1678-9741-2019-0373		
64.	Magno A, Sá MPBO, Cavalcanti LRP, Zhigalov K , Weymann A, Ruhparwar A, Lima RC. <i>Wrapping of ascending aortic aneurysm with supra-aortic debranching and endovascular repair for aortic arch aneurysm and ruptured descending thoracic aortic aneurysm. J Card Surg.</i> 2020 Feb;35(2):503-506. https://doi.org/10.1111/jocs.14406	1.179	Q3
65.	Sá MPBO, Cavalcanti LRP, Perazzo AM, Gomes RAF, Roever L, Clavel MA, Pibarot P, Biondi-Zoccai G, Zhigalov K , Weymann A, Ruhparwar A, Lima RC. <i>Calcific aortic valve stenosis and atherosclerotic calcification. Curr Atheroscler Rep.</i> 2020 Jan 7;22(2):2. https://doi.org/10.1007/s11883-020-0821-7	3.769	Q1
66.	Szczecchowicz M, Easo J, Zhigalov K , Mashhour A, Mkalaluh S, Weymann A. <i>Training of Residents in Cardiac Surgery – Does IT Have Impact on the Outcome? Thorac Cardiovasc Surg.</i> Epub 2019 Nov 26. https://doi.org/10.1055/s-0039-3400263	1.536	Q2
67.	Sá MPBO, Perazzo AM, Zhigalov K , Komarov R, Kadyraliev B, Enginoev S, Ennker J, Popov AF, Quarto C, Weymann A, Lima RC. <i>Aortic Valve Neo-Cuspidization With Glutaraldehyde-Treated Autologous Pericardium (Ozaki Procedure) – a Promising Surgical Technique. Braz J Cardiovasc Surg.</i> 2019;34(5):610-4. https://doi.org/10.21470/1678-9741-2019-0304	1.053	Q3
68.	Enginoev S, Kozmin D, Magomedov G, Makeev S, Chernov I, Tarasov D, Ilov N, Zhigalov K , Weymann A. <i>Ligation of Left Atrial Appendage During Off-Pump Coronary Surgery. Thorac Cardiovasc Surg.</i> 2020 Dec;68(8):695-699. https://doi.org/10.1055/s-0039-1695758	1.536	Q2
69.	Easo J, Szczecchowicz M, Hoelzl P, Horst M, Eichstaedt H, Zhigalov K , Mashhour A, Weymann A, Dapunt O. <i>Use of the Medtronic Freestyle for Aortic Valve Infection: a Retrospective Propensity Score Matched Analysis. J Card Surg.</i> 2019;34:957-964. https://doi.org/10.1111/jocs.14176	1.179	Q3
70.	Mkalaluh S, Mashhour A, Szczecchowicz M, Zhigalov K , Ennker J, Easo J, Weymann A. <i>Surgical Pulmonary Valve Replacement Due to Failed Percutaneous Pulmonary Valve Intervention in a Patient After Correction of Fallot's Tetralogy: Surgery Remains the Standard. Am J Case Rep.</i> 2019 Apr 8;20:478-481. https://doi.org/10.12659/ajcr.914639	1.754	Q3
71.	Easo J, Weymann A, Hölzl P, Horst M, Eichstaedt H, Mashhour A, Zhigalov K , Szczecchowicz M, Thomas RP, Sabashnikov A, Dapunt OE. <i>Hospital Results of a Single Center Database for Stentless</i>	4.122	Q1

	<i>Xenograft Use in a Full Root Technique in Over 970 Patients. Sci Rep.</i> 2019 Mar 13;9(1):4371. https://doi.org/10.1038/s41598-019-40772-7		
72.	Mkalaluh S, Szczechowicz M, Mashhour A, Zhigalov K , Easo J, Eichstaedt HC, Ennker J, Thomas RP, Chavan A, Weymann A. <i>Total aortic arch replacement using elephant trunk or frozen elephant trunk technique: a case-control matching study.</i> J Thorac Dis. 2018 Nov;10(11):6192-6200. https://doi.org/10.21037/jtd.2018.10.42	1.804	Q2
73.	Mashhour A, Zhigalov K , Szczechowicz M, Mkalaluh S, Easo J, Eichstaedt H, Borodin D, Ennker J, Weymann A. <i>Snugger method - The Oldenburg modification of perceval implantation technique.</i> World J Cardiol. 2018 Sep 26;10(9):119-122. https://doi.org/10.4330/wjc.v10.i9.119	NA	Q4
74.	Weymann A, Popov AF, Sabashnikov A, Ali-Hasan-Al-Saegh S, Ryazanov M, Tse G, Mirhosseini SJ, Liu T, Lotfaliani M, Sedaghat M, Baker WL, Ghanei A1, Yavuz S, Zerious M, Izadpanah P, Dehghan H, Testa L, Nikfard M, Sá MPBO, Mashhour A, Nombela-Franco L, Rezaeisadrabadi M, D'Ascenzo F, Zhigalov K , Benedetto U, Aminolsharieh Najafi S, Szczechowicz M, Roever L, Meng L, Gong M, Deshmukh AJ, Palmerini T, Linde C, Filipiak KJ, Stone GW, Biondi-Zoccai G, Calkins H. <i>Baseline and postoperative levels of C-reactive protein and interleukins as inflammatory predictors of atrial fibrillation following cardiac surgery: a systematic review and meta-analysis.</i> Kardiol Pol. 2018; 76(2):440-45. https://doi.org/10.5603/kp.a2017.0242	1.213	Q2
75.	Szczechowicz M, Mkalaluh S, Mashhour A, Zhigalov K , Weymann A. <i>Cerebellar stroke and aortic arch thrombosis.</i> Kardiol Pol. 2017;75(12):1353. https://doi.org/10.5603/kp.2017.0233	1.213	Q2
76.	Christ T, Holinski S, Zhigalov K , Zielinski CB, Grubitzsch H. <i>Hemodynamics of Pericardial Aortic Valves: Contemporary Stented versus Stentless Valves in a Matched Comparison.</i> Ann Thorac Cardiovasc Surg. 2017 Sep 8; 23(6):298-303. https://doi.org/10.5761/atcs.oa.17-00061	0.94	Q2
77.	Konertz J, Zhigalov K , Weymann A, Dohmen PM. <i>Initial Experience with Aortic Valve Replacement via a Minimally Invasive Approach: A Comparison of Stented, Stentless and Sutureless Valves.</i> Med Sci Monit. 2017 Apr 5; 23:1645-1654. https://doi.org/10.12659/msm.901780	1.894	Q1

АВТОРСТВО / СОАВТОРСТВО В МОНОГРАФИЯХ (12)

1. Weymann A, **Zhigalov K**, Ennker J. *Aneurysma der Aorta ascendens*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
2. **Zhigalov K**, Weymann A, Ennker J. *Aneurysma des Aortenbogens*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
3. Pompeu Sá M, **Zhigalov K**, Weymann A, Ennker J. *Perikardtumoren*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
4. **Zhigalov K**, Weymann A, Ennker J. *Chirurgische Zugänge*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
5. Weymann A, **Zhigalov K**, Ennker J. *Kanülierungstechniken und -strategien*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
6. Weymann A, **Zhigalov K**, Ennker J. *Koronarrevaskularisation mit HLM am kardioplegierten Herz*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
7. Pompeu Sá M, **Zhigalov K**, Weymann A, Ennker J. *Besonderheiten der Koronarrevaskularisation im akuten Myokardinfarkt*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
8. Weymann A, **Zhigalov K**, Ennker J. *Chirurgischer Aortenklappenersatz mit gestenteter Bioprothese*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
9. Ennker J, Weymann A, **Zhigalov K**. *Chirurgischer Aortenklappenersatz mit stentless Bioprothese*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
10. **Zhigalov K**, Weymann A, Ennker J. *Chirurgischer Aortenklappenersatz mit sutureless Bioprothese*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
11. **Zhigalov K**, Ennker J, Weymann A. *Perikardektomie (lateral Zugang)*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.
12. **Zhigalov K**, Ennker J, Weymann A. *Perikardektomie (Sternotomie)*. In: Ennker J, Falk V, Photiadis J, Starck C, Weymann A. *Referenz Herzchirurgie*. Stuttgart / New York, Georg Thieme Verlag 2022.

ОПУБЛИКОВАННЫЕ ТЕЗИСЫ НА НАУЧНЫХ КОНГРЕССАХ (9)

1. **Zhigalov K**, Alofesh A, Easo J, Eichstaedt H, Ennker J, Weymann A. *Clinical Outcomes of Venoarterial Extracorporeal Life Support in 462 Patients: Single-Center Experience*. Thorac cardiovasc Surg 2020; 68(S 01): S1-S72 / 49. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
2. Szczechowicz M, Mkalaluh S, Mashhour A, **Zhigalov K**, Weymann A, Dewald O, Easo J. *Aortic Root Replacement for Destructive Endocarditis—Microbiological Considerations: A Single-Center Study*. Thorac cardiovasc Surg 2020; 68(S 01): S1-S72 / 49. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
3. Komarov R, Chernov I, Chragyan V, Tarasov D, Arutyunyan V, Kadyraliev B, Enginoev S, Tcheglov M, **Zhigalov K**, Weymann A. *Report of the Multicenter Aortic Valve Neocuspidization Registry: In-Hospital Outcomes of the First 170 Patients*. Thorac cardiovasc Surg 2020; 68(S 01): S1-S72 / 49. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
4. **Zhigalov K**, Mashhour A, Szczechowicz M, Mkalaluh S, Ennker J, Eichstaedt H, Weymann A. *Impact of Previous Sternotomy on Outcome after Left Ventricular Assist Device Implantation*. J Heart Lung Transplant, 2019 Apr; 38(4):S368-S369 / ISHLT 39th Annual Meeting and Scientific Sessions.
5. Szczechowicz M, Easo J, **Zhigalov K**, Mkalaluh S, Mashhour A, Ennker J, Weymann A. *Is Training in Cardiac Surgery Dangerous to the Patients? A Retrospective Study with 1071 Propensity Score-Matched Subjects*. Thorac cardiovasc Surg 2019; 67(S 01): S1-S100 / 48. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
6. **Zhigalov K**, Mashhour A, Szczechowicz M, Mkalaluh S, Gogia I, Karagezian S, Easo J, Ennker J, Eichstaedt H, Weymann A. *Clinical Outcome and Comparison of Three Different Left Ventricular Assist Devices in a High-Risk Cohort*. Thorac cardiovasc Surg 2018; 66(S 01): S1-S110 / 47. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
7. Holinski S, **Zhigalov K**, Christ T, Konertz W. *Early Postoperative Results of the Dokimos Plus Stented Pericardial Aortic Bioprosthesis for Isolated Aortic Valve Replacement and Hemodynamic Comparison with Sorin Solo, Labcor TLBP-A, and ATS 3f*. Thorac cardiovasc Surg; Issue S 01, 2016; 64 - ePP78 / 45. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
8. Holinski S, **Zhigalov K**, Konertz W. *Decellularization Improves Heart Valve Performance*. Thorac cardiovasc Surg; Issue S 01, 2015; 63 - ePP52 / 44. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.
9. Holinski S, **Zhigalov K**, Konertz W. *Early Postoperative Results of the Dokimos Plus Stented Pericardial Aortic Bioprosthesis*. Thorac cardiovasc Surg; Issue S 01, 2015; 63 - ePP55 / 44. Jahrestagung der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie.

РЕЦЕНЗИИ СТАТЕЙ В НАУЧНЫХ ЖУРНАЛАХ (10)

- 2021/03: Russian Journal of Cardiology
- 2020/11: Artificial Organs.
- 2020/11: Echocardiography
- 2020/09: Expert Review of Cardiovascular Therapy
- 2020/05: Artificial Organs.
- 2020/03: Kardiologia Polska (Polish Heart Journal).
- 2019/12: Artificial Organs.
- 2019/10: Journal of Thoracic Disease.
- 2019/09: Medical Science Monitor.
- 2019/08: The International Journal of Artificial Organs.

ЧЛЕНСТВА В НАУЧНЫХ СООБЩЕСТВАХ

- International Thoracic and Cardiovascular Research Association (2017)
(Co-founder and vice-president of the association)