

Mariusz Kowalewski

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,233
citations

218677

26
h-index

233421

45
g-index

79
all docs

79
docs citations

79
times ranked

3423
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal duration of dual antiplatelet therapy after percutaneous coronary intervention with drug eluting stents: meta-analysis of randomised controlled trials. <i>BMJ, The</i> , 2015, 350, h1618-h1618.	6.0	279
2	Safety and efficacy outcomes of first and second generation durable polymer drug eluting stents and biodegradable polymer biolimus eluting stents in clinical practice: comprehensive network meta-analysis. <i>BMJ, The</i> , 2013, 347, f6530-f6530.	6.0	194
3	Off-pump coronary artery bypass grafting improves short-term outcomes in high-risk patients compared with on-pump coronary artery bypass grafting: Meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 60-77.e58.	0.8	165
4	COVID-19 and ECMO: the interplay between coagulation and inflammation—a narrative review. <i>Critical Care</i> , 2020, 24, 205.	5.8	129
5	Meta-Analysis of Peripheral or Central Extracorporeal Membrane Oxygenation in Postcardiotomy and Non-Postcardiotomy Shock. <i>Annals of Thoracic Surgery</i> , 2019, 107, 311-321.	1.3	104
6	Structured review of post-cardiotomy extracorporeal membrane oxygenation: part 1—Adult patients. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1125-1143.	0.6	84
7	Coronavirus Disease 2019 (COVID-19): A Short Review on Hematological Manifestations. <i>Pathogens</i> , 2020, 9, 493.	2.8	79
8	Gentamicin-collagen sponge reduces the risk of sternal wound infections after heart surgery: Meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1631-1640.e6.	0.8	76
9	Surgical Repair of Postinfarction Ventricular Septal Rupture: Systematic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2021, 112, 326-337.	1.3	52
10	Comparative performance of transcatheter aortic valve-in-valve implantation versus conventional surgical redo aortic valve replacement in patients with degenerated aortic valve bioprostheses: systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 495-504.	1.4	50
11	Safety and efficacy of miniaturized extracorporeal circulation when compared with off-pump and conventional coronary artery bypass grafting: evidence synthesis from a comprehensive Bayesian-framework network meta-analysis of 134 randomized controlled trials involving 22 778 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1428-1440.	1.4	47
12	Cerebrovascular Events After No-Touch Off-Pump Coronary Artery Bypass Grafting, Conventional Side-Clamp Off-Pump Coronary Artery Bypass, and Proximal Anastomotic Devices: A Meta-Analysis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
13	Surgical Treatment of Postinfarction Ventricular Septal Rupture. <i>JAMA Network Open</i> , 2021, 4, e2128309.	5.9	44
14	Implantable Cardioverter-Defibrillators for Primary Prevention in Patients With Ischemic or Nonischemic Cardiomyopathy. <i>Annals of Internal Medicine</i> , 2017, 167, 103.	3.9	43
15	Survival after surgical ablation for atrial fibrillation in mitral valve surgery: Analysis from the Polish National Registry of Cardiac Surgery Procedures (KROK). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1007-1018.e4.	0.8	41
16	Complete revascularisation in ST-elevation myocardial infarction and multivessel disease: meta-analysis of randomised controlled trials. <i>Heart</i> , 2015, 101, 1309-1317.	2.9	40
17	Long-term survival and major outcomes in post-cardiotomy extracorporeal membrane oxygenation for adult patients in cardiogenic shock. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 116-122.	1.7	40
18	Structured review of post-cardiotomy extracorporeal membrane oxygenation: Part 2—pediatric patients. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1144-1161.	0.6	38

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19	Right ventricular failure after left ventricular assist device implantation: a review of the literature. <i>Journal of Thoracic Disease</i> , 2021, 13, 1256-1269.	1.4	34
20	Extracorporeal membrane oxygenation without systemic anticoagulation: a case-series in challenging conditions. <i>Journal of Thoracic Disease</i> , 2020, 12, 2113-2119.	1.4	33
21	Left Ventricle Unloading with Veno-Arterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock. Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1039.	2.4	31
22	Venoarterial Extracorporeal Membrane Oxygenation for Postcardiotomy Shock—Analysis of the Extracorporeal Life Support Organization Registry*. <i>Critical Care Medicine</i> , 2021, 49, 1107-1117.	0.9	31
23	Meta-analysis of uninterrupted as compared to interrupted oral anticoagulation with or without bridging in patients undergoing coronary angiography with or without percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2016, 223, 186-194.	1.7	29
24	Systematic review and meta-analysis of randomized controlled trials assessing safety and efficacy of posterior pericardial drainage in patients undergoing heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 865-875.e12.	0.8	29
25	Durability of Mitral Valve Bioprostheses: A Meta-Analysis of Long-Term Follow-up Studies. <i>Annals of Thoracic Surgery</i> , 2020, 109, 603-611.	1.3	29
26	Clinical Safety and Effectiveness of Endoaortic as Compared to Transthoracic Clamp for Small Thoracotomy Mitral Valve Surgery: Meta-Analysis of Observational Studies. <i>Annals of Thoracic Surgery</i> , 2017, 103, 676-686.	1.3	26
27	The use of extracorporeal membrane oxygenation in the setting of postinfarction mechanical complications: outcome analysis of the Extracorporeal Life Support Organization Registry. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 369-374.	1.1	26
28	Hemostasis in Coronavirus Disease 2019—Lesson from Viscoelastic Methods: A Systematic Review. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1181-1192.	3.4	26
29	Prevention of contrast-induced acute kidney injury in patients undergoing cardiovascular procedures—a systematic review and network meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0168726.	2.5	25
30	Meta-analysis to assess the effectiveness of topically used vancomycin in reducing sternal wound infections after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1320-1323.e3.	0.8	23
31	Extracorporeal membrane oxygenation without therapeutic anticoagulation in adults: A systematic review of the current literature. <i>International Journal of Artificial Organs</i> , 2020, 43, 570-578.	1.4	21
32	Surgical Treatment of Post-Infarction Left Ventricular Free-Wall Rupture: A Multicenter Study. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1186-1192.	1.3	21
33	Extracorporeal Life Support in Hemorrhagic Conditions: A Systematic Review. <i>ASAIO Journal</i> , 2021, 67, 476-484.	1.6	16
34	The impact of Centrea™s heart transplant status and volume on in-hospital outcomes following extracorporeal membrane oxygenation for refractory post-cardiotomy cardiogenic shock: a meta-analysis. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 10.	1.7	14
35	Meta-analysis of surgical treatment for postinfarction left ventricular free-wall rupture. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3326-3333.	0.7	14
36	Impact of preoperative glycometabolic status on outcomes in cardiac surgery: Systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1950-1960.e10.	0.8	14

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37	Surgical treatment for post-infarction papillary muscle rupture: a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 469-476.	1.4	14
38	Surgical ablation for atrial fibrillation during isolated coronary artery bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 691-700.	1.4	13
39	Extracorporeal membrane oxygenation and left ventricular unloading: What is the evidence?. <i>JTCVS Techniques</i> , 2022, 13, 101-114.	0.4	13
40	Temporary mechanical circulatory support for COVID-19 patients: A systematic review of literature. <i>Artificial Organs</i> , 2022, 46, 1249-1267.	1.9	13
41	Assessment of the Procoagulant Activity of Microparticles and the Protein Z System in Patients Undergoing Off-Pump Coronary Artery Bypass Surgery. <i>Angiology</i> , 2018, 69, 347-357.	1.8	12
42	Transition from Simple V-V to V-A and Hybrid ECMO Configurations in COVID-19 ARDS. <i>Membranes</i> , 2021, 11, 434.	3.0	12
43	Comparative efficacy and safety of anticoagulant strategies for acute coronary syndromes. <i>Thrombosis and Haemostasis</i> , 2015, 114, 933-944.	3.4	11
44	Transaortic or Pulmonary Artery Drainage for Left Ventricular Unloading in Venoarterial Extracorporeal Life Support: A Porcine Cardiogenic Shock Model. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 724-732.	0.6	11
45	Atrial Septostomy for Left Ventricular Unloading During Extracorporeal Membrane Oxygenation for Cardiogenic Shock. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2698-2707.	2.9	10
46	Midterm results of less invasive approach to ascending aorta and aortic root surgery. <i>Journal of Thoracic Disease</i> , 2020, 12, 6446-6457.	1.4	9
47	Venoarterial Extracorporeal Life Support in Heart Transplant and Ventricle Assist Device Centres. Meta-analysis. <i>ESC Heart Failure</i> , 2021, 8, 1064-1075.	3.1	9
48	Aortic valve replacement with biological prosthesis in patients aged 50-69 years. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1077-1086.	1.4	9
49	30-day mortality reduction with miniaturized extracorporeal circulation as compared to conventional cardiopulmonary bypass for coronary revascularization. Meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2015, 198, 63-65.	1.7	8
50	Risk of stroke with "no-touch" As compared to conventional off-pump coronary artery bypass grafting. An updated meta-analysis of observational studies. <i>International Journal of Cardiology</i> , 2016, 222, 769-771.	1.7	8
51	On-Pump vs Off-Pump coronary artery bypass surgery in atrial fibrillation. Analysis from the polish national registry of cardiac surgery procedures (KROK). <i>PLoS ONE</i> , 2020, 15, e0231950.	2.5	7
52	Long-term survival after surgical aortic valve replacement in patients aged 80 years and over. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 671-678.	1.4	7
53	Analysis of 75 consecutive COVID-19 ECMO cases in Warsaw Centre for Extracorporeal Therapies. <i>Kardiologia Polska</i> , 2021, 79, 851-854.	0.6	7
54	Baseline surgical status and short-term mortality after extracorporeal membrane oxygenation for post-cardiotomy shock: a meta-analysis. <i>Perfusion (United Kingdom)</i> , 2020, 35, 246-254.	1.0	6

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55	Long-Term Survival Following Surgical Ablation for Atrial Fibrillation Concomitant to Isolated and Combined Coronary Artery Bypass Surgery—Analysis from the Polish National Registry of Cardiac Surgery Procedures (KROK). <i>Journal of Clinical Medicine</i> , 2020, 9, 1345.	2.4	6
56	Mortality benefit after reinforced reduction aortoplasty for dilated ascending aorta. Meta-analysis. <i>International Journal of Cardiology</i> , 2015, 199, 50-52.	1.7	5
57	Pilot study of totally thoracoscopic periareolar approach for minimally invasive mitral valve surgery. Towards even less invasive?. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2019, 14, 326-332.	0.7	5
58	COVID-19 and Extracorporeal Membrane Oxygenation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1353, 173-195.	1.6	5
59	Review of Contemporary Invasive Treatment Approaches and Critical Appraisal of Guidelines on Hypertrophic Obstructive Cardiomyopathy: State-of-the-Art Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 3405.	2.4	5
60	Multiple Versus Single Arterial Coronary Arterial Bypass Grafting Surgery for Multivessel Disease in Atrial Fibrillation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 974-983.	0.6	4
61	In-hospital outcomes of rotational versus orbital atherectomy during percutaneous coronary intervention: a meta-analysis. <i>Kardiologia Polska</i> , 2019, 77, 846-852.	0.6	4
62	Atrial fibrillation ablation improves late survival after concomitant cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 1656-1668.e8.	0.8	4
63	Vancomycin paste in sternal wound infection prophylaxis—a genuine debate or futile attempts to justify flawed study?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1128-1130.	0.8	3
64	Devil is in the detail—how to critically analyze studies designed to assess effectiveness of topical antibiotics in preventing sternal wound infections?. <i>Journal of Thoracic Disease</i> , 2019, 11, S1861-S1864.	1.4	3
65	Long-term mortality after percutaneous coronary intervention with drug-eluting stents compared with coronary artery bypass grafting for multivessel and left main disease: a meta-analysis. <i>Kardiologia Polska</i> , 2020, 78, 759-761.	0.6	3
66	Permanent pacemaker implantation after valve and arrhythmia surgery in patients with preoperative atrial fibrillation. <i>Heart Rhythm</i> , 2022, 19, 1442-1449.	0.7	3
67	Three-vessel coronary artery disease may predict changes in biochemical brain injury markers after off-pump coronary artery bypass grafting. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 735-738.	2.8	2
68	Minimally invasive approach to ascending aorta and aortic root surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 163-163.	1.1	2
69	Long-term survival following postoperative myocardial infarction after coronary artery bypass surgery. <i>Journal of Thoracic Disease</i> , 2022, 14, 102-112.	1.4	2
70	Clinical Insights to Complete and Incomplete Surgical Revascularization in Atrial Fibrillation and Multivessel Coronary Disease. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	2
71	Off-pump versus on-pump coronary artery bypass grafting: Who benefits?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1666-1668.	0.8	1
72	Training in Coronary Artery Bypass Surgery: Tips and Tricks of the Trade. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 137-142.	0.6	1

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73	Posterior pericardial drainage by any means may improve outcomes after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 512-514.	0.8	1
74	Immunological and Hematological Response in COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 73-86.	1.6	1
75	Complete versus culprit-only revascularisation for ST-segment elevation myocardial infarction. <i>Heart</i> , 2016, 102, 1335.1-1336.	2.9	0
76	Reply to Wynn<i>et al.</i>. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 281-282.	1.4	0
77	Early stage lung cancer with nodal involvement occult to PET-CT: treat the image or treat the disease?. <i>Journal of Thoracic Disease</i> , 2015, 7, E615-8.	1.4	0
78	Percutaneous Coronary Intervention vs. Coronary Artery Bypass Grafting for Treating In-Stent Restenosis in Unprotected-Left Main: LM-DRAGON-Registry. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	0