

Taufiek K Rajab

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

693
citations

567281

15
h-index

610901

24
g-index

66
all docs

66
docs citations

66
times ranked

1075
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Bioengineering Human Lung Grafts on Porcine Matrix. <i>Annals of Surgery</i> , 2018, 267, 590-598. | 4.2 | 80 |
| 2 | Impact of increasing operative time on the incidence of early failure and complications following free tissue transfer? A risk factor analysis of 2,008 patients from the ACSâ€”NSQIP database. <i>Microsurgery</i> , 2017, 37, 12-20. | 1.3 | 59 |
| 3 | Biofabrication of a vascularized islet organ for type 1 diabetes. <i>Biomaterials</i> , 2019, 199, 40-51. | 11.4 | 59 |
| 4 | Decellularized scaffolds for tissue engineering: Current status and future perspective. <i>Artificial Organs</i> , 2020, 44, 1031-1043. | 1.9 | 52 |
| 5 | Smart materials in cardiovascular implants: Shape memory alloys and shape memory polymers. <i>Artificial Organs</i> , 2021, 45, 454-463. | 1.9 | 48 |
| 6 | Standardised Models for Inducing Experimental Peritoneal Adhesions in Female Rats. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 1.9 | 39 |
| 7 | The Use of Lidocaine Containing Cardioplegia in Surgery for Adult Acquired Heart Disease. <i>Journal of Cardiac Surgery</i> , 2015, 30, 677-684. | 0.7 | 26 |
| 8 | Expression of CD68 positive macrophages in the use of different barrier materials to prevent peritoneal adhesionsâ€”an animal study. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 15. | 3.6 | 25 |
| 9 | Donation After Cardiac Death Heart Transplantation in America Is Clinically Necessary and Ethically Justified. <i>Circulation: Heart Failure</i> , 2018, 11, e004884. | 3.9 | 22 |
| 10 | Evidence-based surgical hypothesis: Partial heart transplantation can deliver growing valve implants for congenital cardiac surgery. <i>Surgery</i> , 2021, 169, 983-985. | 1.9 | 22 |
| 11 | Metabolic glycan labeling and chemoselective functionalization of native biomaterials. <i>Biomaterials</i> , 2018, 182, 127-134. | 11.4 | 19 |
| 12 | Ross Operation in Neonates: A Meta-analysis. <i>Annals of Thoracic Surgery</i> , 2022, 113, 192-198. | 1.3 | 18 |
| 13 | Implications of late complications from adhesions for preoperative informed consent. <i>Journal of the Royal Society of Medicine</i> , 2010, 103, 317-321. | 2.0 | 17 |
| 14 | Evolution of the concept and practice of mitral valve repair. <i>Annals of Cardiothoracic Surgery</i> , 2015, 4, 315-21. | 1.7 | 16 |
| 15 | Practical implications of postoperative adhesions for preoperative consent and operative technique. <i>International Journal of Surgery</i> , 2013, 11, 753-756. | 2.7 | 15 |
| 16 | Technique for chest compressions in adult CPR. <i>World Journal of Emergency Surgery</i> , 2011, 6, 41. | 5.0 | 13 |
| 17 | Technique for Temporary Pelvic Stabilization after Trauma. <i>New England Journal of Medicine</i> , 2013, 369, e22. | 27.0 | 11 |
| 18 | Cellular Viability of Partial Heart Transplant Grafts in Cold Storage. <i>Frontiers in Surgery</i> , 2021, 8, 676739. | 1.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Giant Syphilitic Aortic Aneurysm. <i>New England Journal of Medicine</i> , 2011, 364, 1258-1258. | 27.0 | 10 |
| 20 | Intraoperative thermographic imaging to assess myocardial distribution of Del Nido cardioplegia. <i>Journal of Cardiac Surgery</i> , 2017, 32, 812-815. | 0.7 | 9 |
| 21 | Heart transplantation following donation after cardiac death: History, current techniques, and future. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1335-1340. | 0.8 | 9 |
| 22 | Prematurity and Congenital Heart Disease: A Contemporary Review. <i>NeoReviews</i> , 2022, 23, e472-e485. | 0.8 | 8 |
| 23 | Posterior suture annuloplasty for functional tricuspid regurgitation. <i>Annals of Cardiothoracic Surgery</i> , 2017, 6, 262-265. | 1.7 | 7 |
| 24 | Real-Time Autofluorescence Imaging to Diagnose LVAD Driveline Infections. <i>Annals of Thoracic Surgery</i> , 2017, 103, e493-e495. | 1.3 | 6 |
| 25 | Tissue response to five commercially available peritoneal adhesion barriersâ€”A systematic histological evaluation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 598-609. | 3.4 | 6 |
| 26 | Closed Reduction of a Fractured and Dislocated Ankle. <i>New England Journal of Medicine</i> , 2019, 381, e25. | 27.0 | 6 |
| 27 | Bioengineering lungs â€” current status and future prospects. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 465-471. | 3.1 | 6 |
| 28 | Recurrent post-partum coronary artery dissection. <i>Journal of Cardiothoracic Surgery</i> , 2010, 5, 78. | 1.1 | 5 |
| 29 | Comparison of heart transplant outcomes between recipients with pulsatileâ€”vs continuousâ€”flow LVAD. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1062-1068. | 0.7 | 5 |
| 30 | Can tissue engineering produce bioartificial organs for transplantation?. <i>Artificial Organs</i> , 2019, 43, 536-541. | 1.9 | 5 |
| 31 | Donation after circulatory death determination pediatric heart transplantation and 10-year outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 491-492. | 0.6 | 5 |
| 32 | Adhesion barriers in cardiac surgery: A systematic review of efficacy. <i>Journal of Cardiac Surgery</i> , 2022, 37, 176-185. | 0.7 | 5 |
| 33 | Total artificial heart implantation in a young Marfan syndrome patient. <i>International Journal of Artificial Organs</i> , 2018, 41, 175-177. | 1.4 | 4 |
| 34 | Ex vivo lung perfusion. <i>Artificial Organs</i> , 2020, 44, 12-15. | 1.9 | 4 |
| 35 | Native Aortic Root Thrombosis After Norwood Palliation for Hypoplastic Left Heart Syndrome. <i>Annals of Thoracic Surgery</i> , 2021, 112, 147-154. | 1.3 | 4 |
| 36 | Digital Rectal Examination and Anoscopy. <i>New England Journal of Medicine</i> , 2018, 378, e30. | 27.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Management of a young patient with dextrocardia, atrial septal defect, and Eisenmenger syndrome with venous-venous extracorporeal membrane oxygenation and heart-lung transplantation. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1114-1116. | 0.7 | 3 |
| 38 | Techniques for lung transplantation in the rat. <i>Experimental Lung Research</i> , 2019, 45, 267-274. | 1.2 | 3 |
| 39 | Outcome of Repeat Pulmonary Metastasectomy. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1335, 37-44. | 1.6 | 3 |
| 40 | Post-partum coronary artery dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 806-806. | 1.4 | 2 |
| 41 | Anastomotic techniques for rat lung transplantation. <i>World Journal of Transplantation</i> , 2018, 8, 38-43. | 1.6 | 2 |
| 42 | Mitral valve restenosis after closed mitral commissurotomy: case discussion. <i>Journal of Thoracic Disease</i> , 2019, 11, 3659-3671. | 1.4 | 2 |
| 43 | Combined Tracheal Resection and Coronary Artery Bypass With ECMO Support. <i>Annals of Thoracic Surgery</i> , 2019, 108, e365-e367. | 1.3 | 2 |
| 44 | Aortic Valve Replacement in Neonates: An Unsolved Problem With Limited Quality of Evidence. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1755. | 1.3 | 2 |
| 45 | Postoperative Outcomes in Infants Undergoing ABO-incompatible Heart Transplantation in the United States. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1746-1752. | 1.3 | 2 |
| 46 | Surgical Innovation: Heart Transplantation After Cardiac Death. <i>Surgical Innovation</i> , 2021, 28, 656-658. | 0.9 | 2 |
| 47 | Impact of the 2018 Change in US Allocation Policy on Adults with Congenital Heart Disease. <i>Journal of Heart and Lung Transplantation</i> , 2021, , . | 0.6 | 2 |
| 48 | Bone cement is a suitable treatment for sternal reconstruction in patients with recurrent sternal wound infections. <i>Journal of Thoracic Disease</i> , 2019, 11, 1684-1689. | 1.4 | 1 |
| 49 | Intralipid improves oxygenation after orthotopic rat lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 225-227. | 0.6 | 1 |
| 50 | Extracardiac Fontan Operation: How I Teach It. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1119-1122. | 1.3 | 1 |
| 51 | COVID-19 Testing, Surgical Prioritization, and Reactivation in a Congenital Cardiac Surgery Program. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 150-151. | 0.8 | 1 |
| 52 | Xenotransplantation Is the Future of Pediatric Cardiac Surgeryâ€¦. <i>Annals of Thoracic Surgery</i> , 2021, , . | 1.3 | 1 |
| 53 | Validation of Point-of-Care Ultrasound to Measure Perioperative Edema in Infants With Congenital Heart Disease. <i>Frontiers in Pediatrics</i> , 2021, 9, 727571. | 1.9 | 1 |
| 54 | A Simplified Model for Heterotopic Heart Valve Transplantation in Rodents. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Diversity in the Adult and Pediatric Heart Transplant Surgeon Workforce between 2000 and 2020. Healthcare (Switzerland), 2022, 10, 611. | 2.0 | 1 |
| 56 | Recipientâ€“surgeon racial concordance in orthotopic heart transplantation outcomes. Journal of Cardiac Surgery, 2022, 37, 2247-2257. | 0.7 | 1 |
| 57 | Cardiac Hemangioma Presenting with Angina Pectoris. Journal of Cardiac Surgery, 2010, 25, 664-666. | 0.7 | 0 |
| 58 | Bilateral femoral artery compression as a technique to increase vital organ perfusion during intraoperative hypotension. Medical Hypotheses, 2014, 83, 127-129. | 1.5 | 0 |
| 59 | Transcatheter Aortic Valve Replacement via Left Anterior Thoracotomy in a Patient With Severe Pectus Excavatum. Annals of Thoracic Surgery, 2016, 101, 344-346. | 1.3 | 0 |
| 60 | Spillover of Early Extubation Practices: Is the Glass Half Full or Half Empty?*. Pediatric Critical Care Medicine, 2021, 22, 226-228. | 0.5 | 0 |
| 61 | Devices to enhance organ perfusion during cardiopulmonary resuscitation. Expert Review of Medical Devices, 2021, 18, 771-781. | 2.8 | 0 |
| 62 | Advantage of adjuvant radiation therapy in octogenarians undergoing surgical resection of rectal cancer.. Journal of Clinical Oncology, 2014, 32, 650-650. | 1.6 | 0 |
| 63 | Survival difference in octogenarians with resectable gastric GIST: Surgery versus nonsurgical management.. Journal of Clinical Oncology, 2014, 32, 171-171. | 1.6 | 0 |
| 64 | Mitral Valve Anatomy in Patients with Native Aortic Root Thrombosis after Norwood Palliation. Annals of Thoracic Surgery, 2021, , . | 1.3 | 0 |