

Zbigniew Nawrat

List of Publications by Year in descending order

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15
papers

142
citations

1684188

5
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

219
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Digital Innovation Hubs in Health-Care Robotics Fighting COVID-19: Novel Support for Patients and Health-Care Workers Across Europe. IEEE Robotics and Automation Magazine, 2021, 28, 40-47. | 2.0 | 14 |
| 2 | Robin Heart surgical robot: Description and future challenges. , 2020, , 75-113. | | 1 |
| 3 | Forming effective relationships between academia and the medical devices industry with a focus on launching a smart heart valve prosthesis for pediatric patients. Translational Medicine Communications, 2019, 4, . | 1.4 | 0 |
| 4 | 3D force sensors for laparoscopic surgery tool. Microsystem Technologies, 2018, 24, 519-525. | 2.0 | 20 |
| 5 | TESTING A PROTOTYPE FRICTION DRIVE TRANSMISSION. Tribologia, 2018, 281, 47-52. | 0.2 | 0 |
| 6 | Total mesorectal excision using a soft and flexible robotic arm: a feasibility study in cadaver models. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 264-273. | 2.4 | 61 |
| 7 | Medical robots in cardiac surgery – application and perspectives. Kardiochirurgia I Torakochirurgia Polska, 2017, 1, 79-83. | 0.1 | 2 |
| 8 | Concept of application of the light-weight robot Robin Heart (–Pelikan–) in veterinary medicine: a feasibility study. Medycyna Weterynaryjna, 2017, 73, 88-91. | 0.1 | 4 |
| 9 | Force Feedback Control System Dedicated for Robin Heart Surgical Robot. Procedia Engineering, 2016, 168, 185-188. | 1.2 | 5 |
| 10 | 3D force sensors for laparoscopic surgery tool. , 2016, , . | | 5 |
| 11 | The development of InterNetwork channel Emulation platform for Surgical Robot Telem Manipulation control system (INSeRT). , 2015, , . | | 2 |
| 12 | Robin Heart Surgery Robotic System. Challenges in Mechanical Construction, Control System and Staff Training Before First Clinical Application. Archive of Mechanical Engineering, 2014, 61, 163-178. | 0.7 | 5 |
| 13 | State of the art in medical robotics in Poland: development of the Robin Heart and other robots. Expert Review of Medical Devices, 2012, 9, 353-359. | 2.8 | 13 |
| 14 | Norwood with right ventricle-to-pulmonary artery conduit is more effective than Norwood with Blalock–Taussig shunt for hypoplastic left heart syndrome: mathematic modeling of hemodynamics. European Journal of Cardio-thoracic Surgery, 2011, 40, 1412-7; discussion 1417-8. | 1.4 | 7 |
| 15 | The influence of physical and chemical agents on photooxidation of porcine pericardial collagen. Bio-Medical Materials and Engineering, 2005, 15, 137-44. | 0.6 | 2 |