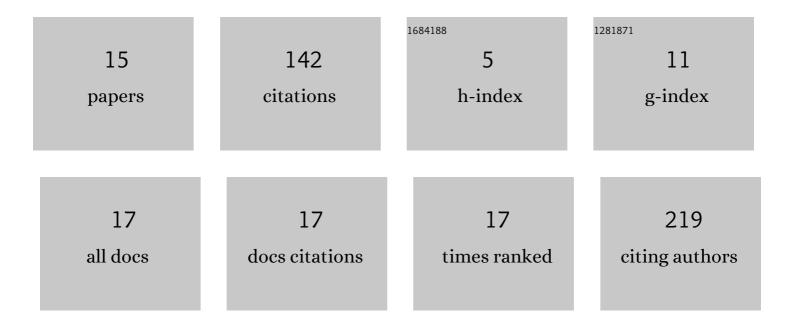
## **Zbigniew** Nawrat

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7486439/publications.pdf Version: 2024-02-01



#	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 ("Pelikanâ€ <del>)</del> 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 Telemanipulation control system (INSeRT). , 2015, , .		2
12	Robin Heart Surgery Robotic System. Challenges in Mechanical Construction, Control System and Stuff 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