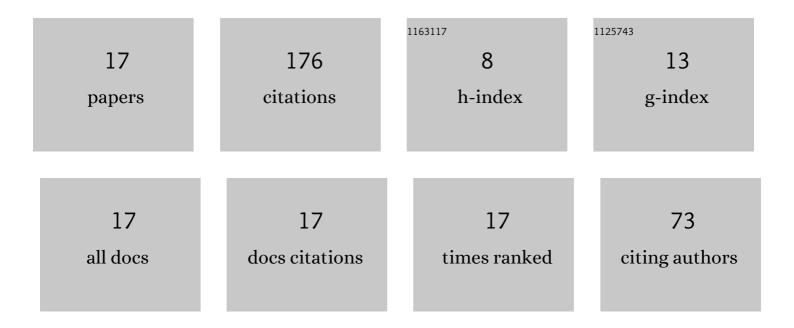
Fuxin Du

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microstructure and corrosion resistance of stainless steel produced by bypass coupling twin-wire indirect arc additive manufacturing. International Journal of Advanced Manufacturing Technology, 2022, 119, 2159-2172. | 3.0 | 3 |
| 2 | Effect of arc voltage on process stability of bypass-coupling twin-wire indirect arc welding. International Journal of Modern Physics B, 2022, 36, . | 2.0 | 1 |
| 3 | Design and experimental validation of a master manipulator with position and posture decoupling for laparoscopic surgical robot. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, e2398. | 2.3 | 2 |
| 4 | Design and Modeling of a Bio-Inspired Compound Continuum Robot for Minimally Invasive Surgery. Machines, 2022, 10, 468. | 2.2 | 12 |
| 5 | A novel inverse kinematics algorithm using the Kepler oval for continuum robots. Applied Mathematical Modelling, 2021, 93, 206-225. | 4.2 | 11 |
| 6 | Development of a novel deployable arm for natural orifice transluminal endoscopic surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2232. | 2.3 | 11 |
| 7 | Optimized configuration of the joint stiffness for a dual differential feed system. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1. | 1.6 | 1 |
| 8 | Vibration of rotating circular cylindrical shells with distributed springs. Journal of Mechanics, 2021, 37, 346-358. | 1.4 | 2 |
| 9 | Analysis of Dynamic Friction and Elongation Characteristics of the Tendon Sheath System. Lecture Notes in Computer Science, 2021, , 145-154. | 1.3 | 2 |
| 10 | Thermal error modelling for a high-precision feed system in varying conditions based on an improved Elman network. International Journal of Advanced Manufacturing Technology, 2020, 106, 279-288. | 3.0 | 14 |
| 11 | Kinematic modeling of a class of <i>n</i> -tendon continuum manipulators. Advanced Robotics, 2020, 34, 1254-1271. | 1.8 | 10 |
| 12 | An Efficient Inverse Kinematics Algorithm for Continuum Robot with a Translational Base. , 2020, , . | | 9 |
| 13 | A review on vibration analysis and control of machine tool feed drive systems. International Journal of Advanced Manufacturing Technology, 2020, 107, 503-525. | 3.0 | 43 |
| 14 | Identification and compensation of friction for a novel two-axis differential micro-feed system. Mechanical Systems and Signal Processing, 2018, 106, 453-465. | 8.0 | 31 |
| 15 | Cross-coupled intelligent control for a novel two-axis differential micro-feed system. Advances in Mechanical Engineering, 2018, 10, 168781401877462. | 1.6 | 6 |
| 16 | Modeling and Analysis for a Novel Dual-axis Differential Micro-feed System. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2018, 54, 195. | 0.5 | 4 |
| 17 | Modeling, identification and analysis of a novel two-axis differential micro-feed system. Precision Engineering, 2017, 50, 320-327. | 3.4 | 14 |