

Johanna Clauser

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | In-Vitro Visualization of Thrombus Growth in Artificial Lungs Using Real-Time X-Ray Imaging: A Feasibility Study. Cardiovascular Engineering and Technology, 2022, 13, 318-330. | 1.6 | 2 |
| 2 | Comparison of Aspiration Catheters with Modified Standard Catheters for Treatment of Large Pulmonary Embolism Using an In-vitro Patho-Physiological Model. CardioVascular and Interventional Radiology, 2022, 45, 112-120. | 2.0 | 3 |
| 3 | The porcine abattoir blood modelâ€™ Evaluation of platelet function for inâ€™vitro hemocompatibility investigations. Artificial Organs, 2022, 46, 922-931. | 1.9 | 0 |
| 4 | Automation of hemocompatibility analysis using image segmentation and supervised classification. Engineering Applications of Artificial Intelligence, 2021, 97, 104009. | 8.1 | 8 |
| 5 | Hemocompatibility Evaluation of Biomaterialsâ€™The Crucial Impact of Analyzed Area. ACS Biomaterials Science and Engineering, 2021, 7, 553-561. | 5.2 | 5 |
| 6 | Hemolysis at low blood flow rates: in-vitro and in-silico evaluation of a centrifugal blood pump. Journal of Translational Medicine, 2021, 19, 2. | 4.4 | 34 |
| 7 | Validation of a Miniaturized Test Loop for the Assessment of Human Blood Damage by Continuous-Flow Left-Ventricular Assist Devices. Annals of Biomedical Engineering, 2021, , 1. | 2.5 | 2 |
| 8 | In vitro thrombogenicity testing of pulsatile mechanical circulatory support systems: Design and proofâ€™ofâ€™concept. Artificial Organs, 2021, 45, 1513-1521. | 1.9 | 5 |
| 9 | Miniaturized Test Loop for the Assessment of Blood Damage by Continuous-Flow Left-Ventricular Assist Devices. Annals of Biomedical Engineering, 2020, 48, 768-779. | 2.5 | 9 |
| 10 | In vitro study on the hemocompatibility of plasma electrolytic oxidation coatings on titanium substrates. Artificial Organs, 2020, 44, 419-427. | 1.9 | 6 |
| 11 | Ghost Cells for Mechanical Circulatory Support In Vitro Testing: A Novel Large Volume Production. Biotechnology Journal, 2020, 15, 1900239. | 3.5 | 2 |
| 12 | Comparison of Covered Laser-cut and Braided Respiratory Stents: From Bench to Pre-Clinical Testing. Annals of Biomedical Engineering, 2019, 47, 1738-1747. | 2.5 | 4 |
| 13 | Assessing the Thrombogenic Potential of Heart Valve Prostheses: An Approach for a Standardized In-Vitro Method. Cardiovascular Engineering and Technology, 2019, 10, 216-224. | 1.6 | 7 |
| 14 | A Novel Plasma-Based Fluid for Particle Image Velocimetry (PIV): In-Vitro Feasibility Study of Flow Diverter Effects in Aneurysm Model. Annals of Biomedical Engineering, 2018, 46, 841-848. | 2.5 | 13 |
| 15 | Preclinical testing of custom-made airway stents. , 2018, , . | | 0 |
| 16 | Gefitinib/gefitinib microspheres loaded polyurethane constructs as drug-eluting stent coating. European Journal of Pharmaceutical Sciences, 2017, 103, 94-103. | 4.0 | 11 |
| 17 | Evaluation of platelet adhesion and activation on polymers: Round-robin study to assess inter-center variability. Colloids and Surfaces B: Biointerfaces, 2017, 158, 416-422. | 5.0 | 23 |
| 18 | PulmoStent: In Vitro to In Vivo Evaluation of a Tissue Engineered Endobronchial Stent. Annals of Biomedical Engineering, 2017, 45, 873-883. | 2.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Real-time Visualization of Platelet Interaction With Micro Structured Surfaces. Artificial Organs, 2016, 40, 201-207. | 1.9 | 5 |
| 20 | Selection and fabrication of a non-woven polycarbonate urethane cover for a tissue engineered airway stent. International Journal of Pharmaceutics, 2016, 514, 255-262. | 5.2 | 8 |
| 21 | Regulating blood cell adhesion via surface modification of polyurethanes. , 2016, , 287-318. | | 1 |
| 22 | Micro-structuring of polycarbonate-urethane surfaces in order to reduce platelet activation and adhesion. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 504-518. | 3.5 | 12 |