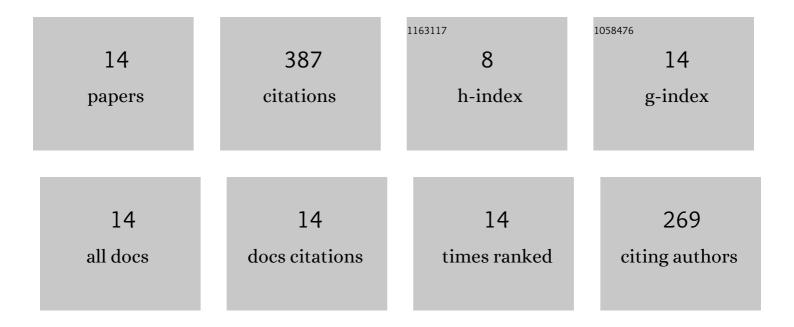
Ioana Nascu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6802290/publications.pdf Version: 2024-02-01



ΙΟΛΝΑ ΝΑSCU

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PAROC—An integrated framework and software platform for the optimisation and advanced model-based control of process systems. Chemical Engineering Science, 2015, 136, 115-138. | 3.8 | 125 |
| 2 | POP – Parametric Optimization Toolbox. Industrial & Engineering Chemistry Research, 2016, 55, 8979-8991. | 3.7 | 82 |
| 3 | On multi-parametric programming and its applications in process systems engineering. Chemical Engineering Research and Design, 2016, 116, 61-82. | 5.6 | 66 |
| 4 | Explicit hybrid model predictive control strategies for intravenous anaesthesia. Computers and Chemical Engineering, 2017, 106, 814-825. | 3.8 | 28 |
| 5 | Improvements in Dissolved Oxygen Control of an Activated Sludge Wastewater Treatment Process. Circuits, Systems, and Signal Processing, 2016, 35, 2259-2281. | 2.0 | 24 |
| 6 | Modeling, estimation and control of the anaesthesia process. Computers and Chemical Engineering, 2017, 107, 318-332. | 3.8 | 22 |
| 7 | Simultaneous Multi-Parametric Model Predictive Control and State Estimation with Application to Distillation Column and Intravenous Anaesthesia. Computer Aided Chemical Engineering, 2014, 33, 541-546. | 0.5 | 13 |
| 8 | An Interval Type-2 Fuzzy Controller Based on Data-Driven Parameters Extraction for Cement Calciner Process. IEEE Access, 2020, 8, 61775-61789. | 4.2 | 8 |
| 9 | A control strategy for periodic systems – application to the twin-column MCSGP. Computer Aided Chemical Engineering, 2015, 37, 1505-1510. | 0.5 | 6 |
| 10 | Adaptive Modeling of Fixed-Bed Reactors with Multicycle and Multimode Characteristics Based on Transfer Learning and Just-In-Time Learning. Industrial & Engineering Chemistry Research, 2020, 59, 6629-6637. | 3.7 | 5 |
| 11 | A multiparametric modelâ€based optimization and control approach to anaesthesia. Canadian Journal of Chemical Engineering, 2016, 94, 2125-2137. | 1.7 | 3 |
| 12 | Clobal Sensitivity Analysis for a perfusion bioreactor system in tissue engineering. IFAC-PapersOnLine, 2021, 54, 550-555. | 0.9 | 2 |
| 13 | Impedance Spectroscopy Sensing Material Properties for Self-Tuning Ratio Control in Pharmaceutical Industry. Applied Sciences (Switzerland), 2022, 12, 509. | 2.5 | 2 |
| 14 | A framework for Simultaneous State Estimation and Robust Hybrid Model Predictive Control in Intravenous Anaesthesia. Computer Aided Chemical Engineering, 2016, 38, 1057-1062. | 0.5 | 1 |