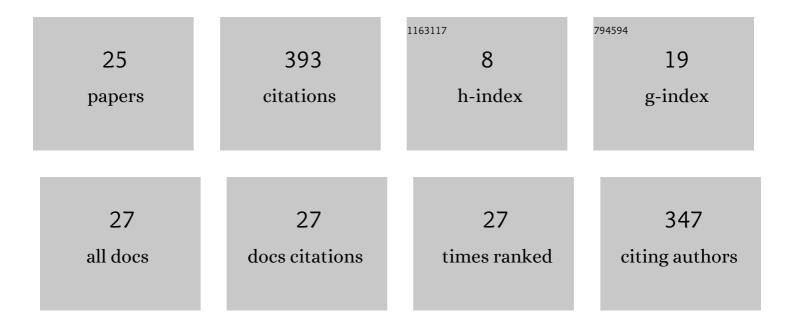
Kshetrimayum Lochan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Algorithms for Path Planning on Mobile Robots. IFAC-PapersOnLine, 2022, 55, 94-100. | 0.9 | 6 |
| 2 | Presence of Megastability and Infinitely Many Equilibria in a Periodically and Quasi-Periodically Excited Single-Link Manipulator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2130005. | 1.7 | 15 |
| 3 | Development and Validation of Advanced Nonlinear Predictive Control Algorithms for Trajectory Tracking in Batch Polymerization. ACS Omega, 2021, 6, 22857-22865. | 3.5 | 6 |
| 4 | Adaptive global super-twisting sliding mode control-based filter for trajectory synchronisation of two-link flexible manipulators. International Journal of Systems Science, 2020, 51, 2410-2428. | 5.5 | 7 |
| 5 | Secure Communication Using a New Hyperchaotic System with Hidden Attractors. Lecture Notes in Electrical Engineering, 2020, , 67-79. | 0.4 | 0 |
| 6 | Tracking Control and Deflection Suppression of an AMM Modelled TLFM Using Backstepping Based Adaptive SMC Technique. Lecture Notes in Electrical Engineering, 2020, , 43-58. | 0.4 | 2 |
| 7 | Synchronisation Between Two Uncertain Highly Complex Hyperchaotic Systems in the Occurrence of Unmatched Disturbances Using Disturbance Observer-Based Adaptive SMC. Lecture Notes in Electrical Engineering, 2020, , 253-265. | 0.4 | 0 |
| 8 | Joint Angle Trajectory Tracking and Vibration Control of a Two-Link Flexible Link Manipulator (TLFM) in the Presence of Unmatched Disturbances. Lecture Notes in Electrical Engineering, 2020, , 227-239. | 0.4 | 1 |
| 9 | Design of a Composite Control in Two-Time Scale Using Nonlinear Disturbance Observer-Based SMC and Backstepping Control of a Two-Link Flexible Manipulator. , 2019, , 155-183. | | 0 |
| 10 | Use of memristive chaotic signal as a desired trajectory for a two-link flexible manipulator using contraction theory based on a composite control technique. European Physical Journal: Special Topics, 2019, 228, 2215-2231. | 2.6 | 4 |
| 11 | Chaotic tip trajectory tracking and deflection suppression of a two-link flexible manipulator using second-order fast terminal SMC. Transactions of the Institute of Measurement and Control, 2019, 41, 3292-3308. | 1.7 | 7 |
| 12 | Chaotic Path Planning for a Two-Link Flexible Robot Manipulator Using a Composite Control Technique. , 2019, , 233-257. | | 4 |
| 13 | Generalized projective synchronization between controlled master and multiple slave TLFMs with modified adaptive SMC. Transactions of the Institute of Measurement and Control, 2018, 40, 1049-1071. | 1.7 | 9 |
| 14 | Second-order SMC for tip trajectory tracking and tip deflection suppression of an AMM modelled nonlinear TLFM. International Journal of Dynamics and Control, 2018, 6, 1310-1318. | 2.5 | 9 |
| 15 | Adaptive time-varying super-twisting global SMC for projective synchronisation of flexible manipulator. Nonlinear Dynamics, 2018, 93, 2071-2088. | 5.2 | 26 |
| 16 | Hidden Chaotic Path Planning and Control of a Two-Link Flexible Robot Manipulator. Studies in Systems, Decision and Control, 2018, , 433-463. | 1.0 | 5 |
| 17 | Robust tip trajectory synchronisation between assumed modes modelled two-link flexible manipulators using second-order PID terminal SMC. Robotics and Autonomous Systems, 2017, 97, 108-124. | 5.1 | 33 |
| 18 | Coexistence of single- and multi-scroll chaotic orbits in a single-link flexible joint robot manipulator with stable spiral and index-4 spiral repellor types of equilibria. Nonlinear Dynamics, 2017, 90, 1277-1299. | 5.2 | 49 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A review on two-link flexible manipulators. Annual Reviews in Control, 2016, 42, 346-367. | 7.9 | 115 |
| 20 | SMC Controlled Chaotic Trajectory Tracking of Two-Link Flexible Manipulator with PID Sliding Surface. IFAC-PapersOnLine, 2016, 49, 219-224. | 0.9 | 35 |
| 21 | Control of rotational base single link flexible manipulator using different SMC techniques for variable payloads. , 2015, , . | | 4 |
| 22 | Comparison of chattering in single link flexible manipulator with sliding mode controllers. , 2015, , . | | 3 |
| 23 | Sliding mode and adaptive sliding mode control approaches of two link flexible manipulator. , 2015, , . | | 13 |
| 24 | Modeling and sliding mode control of flexible link flexible joint robot manipulator. , 2015, , . | | 5 |
| 25 | Control of Two-link 2-DOF Robot Manipulator Using Fuzzy Logic Techniques: A Review. Advances in Intelligent Systems and Computing, 2015, , 499-511. | 0.6 | 32 |