

# Qing-Xin Meng

## List of Publications by Year in descending order

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12  
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117  
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#	ARTICLE	IF	CITATIONS
1	Motion Planning and Adaptive Neural Tracking Control of an Uncertain Two-Link Rigid-Flexible Manipulator With Vibration Amplitude Constraint. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3814-3828.	7.2	61
2	A fast stable control strategy based on system energy for a planar single-link flexible manipulator. Nonlinear Dynamics, 2018, 94, 615-626.	2.7	34
3	A Novel Robust Control Method for Motion Control of Uncertain Single-Link Flexible-Joint Manipulator. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1671-1678.	5.9	28
4	A general control strategy for planar 3-DoF underactuated manipulators with one passive joint. Information Sciences, 2020, 534, 139-153.	4.0	25
5	Tip Position Control and Vibration Suppression of a Planar Two-Link Rigid-Flexible Underactuated Manipulator. IEEE Transactions on Cybernetics, 2022, 52, 6771-6783.	6.2	20
6	Tracking control of single-link flexible-joint manipulator with unmodeled dynamics and dead zone. International Journal of Robust and Nonlinear Control, 2021, 31, 1270-1287.	2.1	16
7	Position control with zero residual vibration for two degrees-of-freedom flexible systems based on motion trajectory optimization. Information Sciences, 2021, 575, 698-713.	4.0	10
8	A Control Strategy with Zero Residual Vibration for a Planar Single-Link Flexible Manipulator. , 2018, , .		7
9	Effective Control Method Based on Trajectory Optimization for Three-Link Vertical Underactuated Manipulators With Only One Active Joint. IEEE Transactions on Cybernetics, 2023, 53, 3782-3793.	6.2	7
10	Stable Control of Single-Link Flexible-Joint Manipulator. , 2018, , .		3
11	Position Control of a Planar Single-Link Flexible-Link Manipulator Based on Enhanced Dynamic Coupling Model. IFAC-PapersOnLine, 2020, 53, 7777-7782.	0.5	2
12	Active vibration suppression approach of flexible joint manipulator with dead zone and unmodeled dynamics*. , 2019, , .		1