

# Chao Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1675018/publications.pdf>

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citing authors

#	ARTICLE	IF	CITATIONS
1	Elastostatic stiffness modeling of overconstrained parallel manipulators. Mechanism and Machine Theory, 2018, 122, 58-74.	4.5	56
2	Review of the performance optimization of parallel manipulators. Mechanism and Machine Theory, 2022, 170, 104725.	4.5	38
3	Multi-objective optimization of parallel manipulators using a game algorithm. Applied Mathematical Modelling, 2019, 74, 217-243.	4.2	26
4	Natural frequency analysis of parallel manipulators using global independent generalized displacement coordinates. Mechanism and Machine Theory, 2021, 156, 104145.	4.5	16
5	Hybrid algorithm for multi-objective optimization design of parallel manipulators. Applied Mathematical Modelling, 2021, 98, 245-265.	4.2	15
6	Analytical elastostatic stiffness modeling of parallel manipulators considering the compliance of the link and joint. Applied Mathematical Modelling, 2020, 78, 322-349.	4.2	12
7	Elastostatic Stiffness Analysis of a 2PUR-PSR Overconstrained Parallel Mechanism. International Journal of Precision Engineering and Manufacturing, 2019, 20, 569-581.	2.2	11
8	Decoupled elastostatic stiffness modeling of parallel manipulators based on the rigidity principle. Mechanism and Machine Theory, 2020, 145, 103718.	4.5	10
9	Dimensional synthesis method of parallel manipulators based on the principle component analysis. Mechanism and Machine Theory, 2022, 176, 104980.	4.5	1