

# Chengfei Yue

## List of Publications by Year in descending order

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17  
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933447

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docs citations

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times ranked

382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Fault-Tolerant Control System Design for Spacecraft Attitude Maneuvers with Actuator Saturation and Faults. IEEE Transactions on Industrial Electronics, 2019, 66, 3763-3772.	7.9	185
2	Rigid-body attitude stabilization with attitude and angular rate constraints. Automatica, 2018, 90, 157-163.	5.0	58
3	Flexible satellite attitude maneuver via constrained torque distribution and active vibration suppression. Aerospace Science and Technology, 2017, 67, 387-397.	4.8	46
4	Rigid-Body Attitude Tracking Control Under Actuator Faults and Angular Velocity Constraints. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1338-1349.	5.8	45
5	Dynamic analysis of 1-dof and 2-dof nonlinear energy sink with geometrically nonlinear damping and combined stiffness. Nonlinear Dynamics, 2021, 105, 167-190.	5.2	29
6	Time efficient spacecraft maneuver using constrained torque distribution. Acta Astronautica, 2016, 123, 320-329.	3.2	24
7	Fault Modeling, Estimation, and Fault-Tolerant Steering Logic Design for Single-Gimbal Control Moment Gyro. IEEE Transactions on Control Systems Technology, 2021, 29, 428-435.	5.2	20
8	Attitude Stabilization Using Two Parallel Single-Gimbal Control Moment Gyroscopes. Journal of Guidance, Control, and Dynamics, 2019, 42, 1353-1364.	2.8	16
9	A novel three-axis attitude stabilization method using in-plane internal mass-shifting. Aerospace Science and Technology, 2019, 92, 489-500.	4.8	15
10	Curvature-Bounded Lengthening and Shortening for Restricted Vehicle Path Planning. IEEE Transactions on Automation Science and Engineering, 2020, 17, 15-28.	5.2	10
11	Adaptive parameter identification based nadir-pointing control of spacecraft with misaligned rotational component. Acta Astronautica, 2020, 173, 202-211.	3.2	7
12	Autonomous Low-Thrust Control of Long-Distance Satellite Clusters Using Artificial Potential Function. Journal of the Astronautical Sciences, 2021, 68, 71-95.	1.5	6
13	LOVD: Land Vehicle Detection in Complex Scenes of Optical Remote Sensing Image. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	4
14	Fault modeling of general momentum exchange devices in spacecraft attitude control systems. Journal of the Franklin Institute, 2020, 357, 6407-6434.	3.4	3
15	Angular rate constrained attitude reorientation of rigid body. , 2017, , .		1
16	Fault Modeling and Estimation for CMG. , 2018, , .		0
17	Fault Estimation and Fault-Tolerant Steering Law for Single Gimbal Control Moment Gyro Systems. , 2019, , .		0