

# Bor-Chin Chang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1900872/publications.pdf>

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17  
papers

152  
citations

2682572

2  
h-index

2550090

3  
g-index

17  
all docs

17  
docs citations

17  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust tracking control of an aircraft with critical actuator jam failures. Asian Journal of Control, 2020, 22, 2254-2272.	3.0	1
2	Control of Impaired Aircraft with Unanticipated Elevator Jam to a Stable Level Flight. , 2019, , .		2
3	Aircraft spiral dive attractors due to actuator saturation. , 2017, , .		0
4	An automatic control solution for impaired airplane with asymmetrical engine failures. , 2017, , .		0
5	Flight path and altitude tracking control of an impaired nonlinear generic transport model (GTM) aircraft with elevator jam failures. , 2016, , .		2
6	Aircraft Trim Recovery from Highly Nonlinear Upset Conditions. , 2016, , .		13
7	Nonlinear Analysis of Aircraft Loss of Control. Journal of Guidance, Control, and Dynamics, 2013, 36, 149-162.	2.8	68
8	Aircraft control surface failure accommodation utilizing linear regulation and switching control. , 2013, , .		1
9	Active coning compensation for control of spinning flying vehicles. , 2010, , .		3
10	A DSP microprocessor hybrid control of an inverted pendulum. , 2009, , .		5
11	Aircraft Accident Prevention: Loss-of-Control Analysis. , 2009, , .		28
12	Robust schur stability with polynomial parameters. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 535-537.	2.2	7
13	Reconfigurable Control of Aircraft in Nonlinear Flight Regimes. , 2005, , .		9
14	Nonlinear reconfiguration for asymmetric failures in a six degree-of-freedom F-16. , 2004, , .		10
15	Observer design tools for nonlinear flight regimes. , 2002, , .		2
16	Design of a nonlinear $H_{\infty}$ controller for the inverted pendulum system. , 0, , .		1
17	Bifurcation-induced limits of a controller-reconfigured F-16 subject to actuator failures. , 0, , .		0