

# Eloy Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,330  
citations

567144

15  
h-index

794469

19  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-Based Event-Triggered Control for Systems With Quantization and Time-Varying Network Delays. IEEE Transactions on Automatic Control, 2013, 58, 422-434.	3.6	535
2	Event-triggered communication and control of networked systems for multi-agent consensus. Automatica, 2019, 105, 1-27.	3.0	388
3	Decentralized event-triggered consensus with general linear dynamics. Automatica, 2014, 50, 2633-2640.	3.0	292
4	Decentralised event-triggered cooperative control with limited communication. International Journal of Control, 2013, 86, 1479-1488.	1.2	206
5	Periodic Event-Triggered Synchronization of Linear Multi-Agent Systems With Communication Delays. IEEE Transactions on Automatic Control, 2017, 62, 366-371.	3.6	158
6	Cooperative Strategies for Optimal Aircraft Defense from an Attacking Missile. Journal of Guidance, Control, and Dynamics, 2015, 38, 1510-1520.	1.6	92
7	An Introduction to Pursuit-evasion Differential Games. , 2020, , .		77
8	Multiple Pursuer Multiple Evader Differential Games. IEEE Transactions on Automatic Control, 2021, 66, 2345-2350.	3.6	62
9	Cooperative Missile Guidance for Active Defense of Air Vehicles. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 706-721.	2.6	60
10	Active target defense using first order missile models. Automatica, 2017, 78, 139-143.	3.0	45
11	Active target defense differential game. , 2014, , .		41
12	Active target defence differential game: fast defender case. IET Control Theory and Applications, 2017, 11, 2985-2993.	1.2	37
13	Cooperative aircraft defense from an attacking missile. , 2014, , .		36
14	Optimal Strategies for a Class of Multi-Player Reach-Avoid Differential Games in 3D Space. IEEE Robotics and Automation Letters, 2020, 5, 4257-4264.	3.3	33
15	Differential Game of Guarding a Target. Journal of Guidance, Control, and Dynamics, 2017, 40, 2991-2998.	1.6	30
16	Toward a Solution of the Active Target Defense Differential Game. Dynamic Games and Applications, 2019, 9, 165-216.	1.1	28
17	Cooperative Aircraft Defense from an Attacking Missile using Proportional Navigation. , 2015, , .		25
18	An event-triggered control approach for the leader-tracking problem with heterogeneous agents. International Journal of Control, 2018, 91, 1209-1221.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Cooperative Target protection from a superior Attacker. Automatica, 2021, 131, 109696.	3.0	23
20	Optimal Strategies of the Differential Game in a Circular Region. , 2020, 4, 492-497.		21
21	Active Target defense differential game with a fast Defender. , 2015, , .		18
22	Optimal Target Capture Strategies in the Target-Attacker-Defender Differential Game. , 2018, , .		18
23	A Kinematic Rejoin Method for Active Defense of Non-Maneuverable Aircraft. , 2018, , .		14
24	The Target Differential Game with Two Defenders. Journal of Intelligent and Robotic Systems: Theory and Applications, 2018, 89, 87-106.	2.0	12
25	Optimal guidance strategy for the defense of a non-manoeuvrable target in 3 dimensions. IET Control Theory and Applications, 2020, 14, 1531-1538.	1.2	12
26	An event-triggered consensus approach for distributed clock synchronization. , 2017, , .		10
27	Pursuit in the Presence of a Defender. Dynamic Games and Applications, 2019, 9, 652-670.	1.1	10
28	Escape Regions of the Active Target Defense Differential Game. , 2015, , .		7
29	The Complete Differential Game of Active Target Defense. Journal of Optimization Theory and Applications, 2021, 191, 675-699.	0.8	7
30	Defense of a Target Against Intelligent Adversaries: A Linear Quadratic Formulation. , 2020, , .		3
31	Decentralized Event-Triggered Consensus of Autonomous Agents over Unreliable Communication Networks. , 2018, , .		2
32	Maximizing the Target's Longevity in the Active Target Defense Differential Game. , 2019, , .		1
33	Multi-player Reach-Avoid Game in Dynamic Environment. , 2021, , .		1
34	The Cooperative Blocking Differential Game. , 2021, , .		1
35	Optimal Evasion in an Active Target Defense Scenario. , 2021, , .		0
36	Strongly Non-Zeno Event-Triggered Wireless Clock Synchronization. IFAC-PapersOnLine, 2020, 53, 2745-2750.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Engagement Zone Defense of a Non-Maneuvering Evader. , 2021, , .		0