

Ivan Matychyn

List of Publications by Year in descending order

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19
papers

205
citations

1306789

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docs citations

19
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Presentation of Solutions of Linear Systems with Fractional Derivatives in the Sense of Riemann-Liouville, Caputo and Miller-Ross. Journal of Automation and Information Sciences, 2008, 40, 1-11.	0.7	50
2	On time-optimal control of fractional-order systems. Journal of Computational and Applied Mathematics, 2018, 339, 245-257.	1.1	26
3	Game problems for fractional-order linear systems. Proceedings of the Steklov Institute of Mathematics, 2010, 268, 54-70.	0.1	21
4	Riemann-Liouville, Caputo, and Sequential Fractional Derivatives in Differential Games. Annals of the International Society of Dynamic Games, 2011, , 61-81.	0.3	19
5	Optimal control of linear systems with fractional derivatives. Fractional Calculus and Applied Analysis, 2018, 21, 134-150.	1.2	19
6	Time-optimal control of fractional-order linear systems. Fractional Calculus and Applied Analysis, 2015, 18, 687-696.	1.2	15
7	Analytical Solution of Linear Fractional Systems with Variable Coefficients Involving Riemann-Liouville and Caputo Derivatives. Symmetry, 2019, 11, 1366.	1.1	13
8	Differential Games with Impulse Control. , 2007, , 37-55.		8
9	Optimal Control of Linear Systems of Arbitrary Fractional Order. Fractional Calculus and Applied Analysis, 2019, 22, 170-179.	1.2	7
10	Pursuit Strategy of Motion Camouflage in Dynamic Games. Dynamic Games and Applications, 2020, 10, 145-156.	1.1	7
11	Solution of linear fractional order systems with variable coefficients. Fractional Calculus and Applied Analysis, 2020, 23, 753-763.	1.2	6
12	Time-Optimal Problem for Systems with Fractional Dynamics. Journal of Automation and Information Sciences, 2016, 48, 37-45.	0.7	4
13	An identity involving integration with respect to variable order of fractional derivative. Fractional Calculus and Applied Analysis, 2016, 19, 1460-1465.	1.2	3
14	Differential Games of Fractional Order with Impulse Effect. Journal of Automation and Information Sciences, 2015, 47, 43-53.	0.7	2
15	Differential Games of the Fractional Order with Separated Dynamics. Journal of Automation and Information Sciences, 2009, 41, 17-27.	0.7	2
16	Game Problems for Fractional-Order Systems. , 2010, , 233-241.		2
17	Resolving Functions in Parallel and Pure Pursuit. Journal of Automation and Information Sciences, 2003, 35, 1-6.	0.7	1
18	Optimal Control of Linear Systems of Arbitrary Fractional Order. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	On One Class of Approach Game Problems with Variable Structure. Journal of Automation and Information Sciences, 1999, 31, 47-53.	0.7	0