

Jacek Kabziński

List of Publications by Year in descending order

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43
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-Time, Robust, and Adaptive Motion Control with State Constraints: Controller Derivation and Real Plant Experiments. <i>Energies</i> , 2022, 15, 934.	3.1	1
2	Adaptive, Observer-Based Synchronization of Different Chaotic Systems. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3394.	2.5	6
3	Integrated, Multi-Approach, Adaptive Control of Two-Mass Drive with Nonlinear Damping and Stiffness. <i>Energies</i> , 2021, 14, 5475.	3.1	12
4	Approximation of Permanent Magnet Motor Flux Distribution by Partially Informed Neural Networks. <i>Energies</i> , 2021, 14, 5619.	3.1	0
5	Motion Control with Hard Constraints – Adaptive Controller with Nonlinear Integration. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 449-461.	0.6	2
6	Adaptive, nonlinear control of a third-order Duffing-Holmes type chaotic oscillator. , 2019, , .		0
7	Numerical Aspects of Extreme Learning Machine Implementation to Regression Problems. , 2018, , .		0
8	Adaptive Control of Two-Mass Drive System with Nonlinear Stiffness and Damping. , 2018, , .		4
9	Adaptive Control of Two-Mass Drive System with Nonlinear Stiffness. <i>Przegląd Elektrotechniczny</i> , 2018, 1, 51-56.	0.2	2
10	Synchronization of an Uncertain Duffing Oscillator with Higher Order Chaotic Systems. <i>International Journal of Applied Mathematics and Computer Science</i> , 2018, 28, 625-634.	1.5	3
11	Rank-Revealing Orthogonal Decomposition in Extreme Learning Machine Design. <i>Lecture Notes in Computer Science</i> , 2018, , 3-13.	1.3	0
12	Advanced Control of Electrical Drives and Power Electronic Converters. <i>Studies in Systems, Decision and Control</i> , 2017, , .	1.0	10
13	Adaptive and robust motion control in presence of LuGre-type friction. , 2017, , .		1
14	Adaptive Control of Drillstring Torsional Oscillations. <i>IFAC-PapersOnLine</i> , 2017, 50, 13360-13365.	0.9	15
15	Robust backstepping stabilization of nonlinear systems with time-varying parameters. , 2017, , .		0
16	Robustness of Adaptive Motion Control Against Fuzzy Approximation of LuGre Multi-Source Friction Model. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 388-397.	0.6	2
17	Extreme learning machine with diversified neurons. , 2016, , .		3
18	Comparison of various barrier lyapunov functions for adaptive control of nonlinear systems. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Adaptive tracking control of a Duffing oscillator with hard error constraints. , 2016, , .		2
20	Extreme Learning Machine with Enhanced Variation of Activation Functions. , 2016, , .		2
21	Adaptive Motion Control with State Constraints Using Barrier Lyapunov Functions. Przegląd Elektrotechniczny, 2016, 1, 114-121.	0.2	0
22	Oscillations and Friction Compensation in Two-Mass Drive System with Flexible Shaft by Command Filtered Adaptive Backstepping. IFAC-PapersOnLine, 2015, 48, 307-312.	0.9	5
23	Adaptive control of nonlinear resonant systems with damping. , 2015, , .		5
24	Fuzzy modeling of complex, multi-source, dynamic friction. , 2015, , .		2
25	Adaptive, compensating control of wheel slip in railway vehicles. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2015, 63, 955-963.	0.8	2
26	Fuzzy modeling of LuGre-type friction. , 2015, , .		3
27	Practical implementation of adaptive friction compensation based on partially identified LuGre model. , 2014, , .		9
28	Optimization of Polytopic System Eigenvalues by Swarm of Particles. Lecture Notes in Computer Science, 2014, , 178-185.	1.3	0
29	Command filtered adaptive backstepping control of linear servo. , 2013, , .		1
30	Adaptive friction compensation in two-mass drive system with flexible shaft. , 2013, , .		2
31	Swarm Capability of Finding Eigenvalues. Lecture Notes in Computer Science, 2012, , 172-177.	1.3	1
32	Chaotic mixing with adaptively controlled permanent magnet motor. , 2011, , .		1
33	Following the Leader " Particle Dynamics in Constricted PSO. Lecture Notes in Computer Science, 2011, , 465-474.	1.3	0
34	Adaptive control of Duffing oscillator with unknown input gain. , 2010, , .		7
35	One-Dimensional Linear Local Prototypes for Effective Selection of Neuro-Fuzzy Sugeno Model Initial Structure. International Federation for Information Processing, 2010, , 62-69.	0.4	3
36	Adaptive backstepping control of a completely unknown permanent magnet motor. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
37	Fuzzy modeling of disturbance torques/forces in rotational/linear interior permanent magnet synchronous motors. , 2005, , .		4
38	Adaptive nonlinear controller for a current-controlled induction motor. Control Engineering Practice, 1996, 4, 713-719.	5.5	0
39	Robust stabilization of nonlinear systems by optimal controllers. , 1996, , 91-98.		0
40	Optimal, piecewise constant control with bounded number of discontinuities. Lecture Notes in Control and Information Sciences, 1994, , 466-474.	1.0	0
41	Optimal control for stabilization of nonlinear systems. , 1992, , 520-529.		1
42	Eigenvalue-eigenvector sensitivity formulae for linear descriptor systems. Systems and Control Letters, 1990, 15, 227-235.	2.3	0
43	Guaranteed cost control of linear polytope systems. , 1990, , 291-300.		0