Volodymyr K Yasynskyy

List of Publications by Year
in descending order

48 papers	51 citations	1936888 4 h-index	2053342 5 g-index
48 all docs	48 docs citations	48 times ranked	8 citing authors

#	Article	IF	Citations
1	Necessary and Sufficient Conditions of Stability in the Quadratic Mean of Linear Stochastic Partial Differential-Difference Equations Subject to External Perturbations of the Type of Random Variables. Cybernetics and Systems Analysis, 2020, 56, 303-311.	0.4	0
2	Existence of Lyapunovâ€"Krasovskii Functionals for Stochastic Functional Differential Itoâ€"Skorokhod Equations Under the Condition of Solutionsâ€™ Stability on Probability with Finite Aftereffect. Cybernetics and Systems Analysis, 2018, 54, 957-970.	0.4	1
3	Optimal Control in Diffusion Stochastic Nonlinear Functional-Differential ITO Equations with Markov Parameters and External Markov Switching. Cybernetics and Systems Analysis, 2016, 52, 441-450.	0.4	0
4	Stability of Self-Adjusting Stochastic Dynamic Systems with Finite Aftereffect and Reference Model. Cybernetics and Systems Analysis, 2015, 51, 915-928.	0.4	0
5	Analysis of Fluctuations of a Parametric Vacuum Tube Oscillator with Delayed Feedback. Cybernetics and Systems Analysis, 2015, 51, 400-409.	0.4	1
6	Behavior of the Second Moment of the Solution to the Autonomous Stochastic Linear Partial Differential Equation with Random Parameters in the Right-Hand Side. Cybernetics and Systems Analysis, 2015, 51, 56-63.	0.4	2
7	On the Problem of Stabilization of Stochastic Differential-Functional Equations with Impulse Markovian Perturbations and Constant Lag. Part III. Journal of Automation and Information Sciences, 2015, 47, 70-76.	0.7	0
8	Mean Square Behavior of the Strong Solution of a Linear non-Autonomous Stochastic Partial Differential Equation with Markov Parameters. Cybernetics and Systems Analysis, 2014, 50, 930-939.	0.4	1
9	Stability in the First Approximation of Random-Structure Diffusion Systems with Aftereffect and External Markov Switchings. Cybernetics and Systems Analysis, 2014, 50, 248-259.	0.4	2
10	On a Problem of Stabilization of Stochastic Differential-functional Equations with Impulse Markovian Perturbations and Constant Lag. Part I. Journal of Automation and Information Sciences, 2014, 46, 56-66.	0.7	0
11	Stability of stochastic dynamic random-structure systems with aftereffect and Markov switchings. Cybernetics and Systems Analysis, 2013, 49, 706-719.	0.4	1
12	Analysis of oscillations in quasilinear stochastic dynamic hereditary systems. Cybernetics and Systems Analysis, 2013, 49, 397-408.	0.4	1
13	Parametric continuity of solutions to stochastic functional differential equations with poisson perturbations. Cybernetics and Systems Analysis, 2012, 48, 846-860.	0.4	2
14	Mean square stability of the solutions of autonomous dynamic diffusion systems with finite aftereffect with regard for random factors. Cybernetics and Systems Analysis, 2012, 48, 429-440.	0.4	0
15	Optimal linear filtering for systems of stochastic differential equations with poisson perturbations. Cybernetics and Systems Analysis, 2012, 48, 31-38.	0.4	0
16	Stability in impulsive systems with Markov perturbations in averaging scheme.Â2. Averaging principle for impulsive Markov systems and stability analysis based on averaged equations. Cybernetics and Systems Analysis, 2011, 47, 44-54.	0.4	3
17	Stability in impulsive systems with markov perturbations in averaging scheme. 3. Weak convergence of solutions of impulsive systems. Cybernetics and Systems Analysis, 2011, 47, 442-458.	0.4	1
18	Asymptotics of the state vector of delayed impulsive diffusion systems with Markov parameters. Cybernetics and Systems Analysis, 2011, 47, 571-585.	0.4	0

#	Article	IF	Citations
19	Stability of stochastic self-adjusting automatic control systems with after effect. I. mean square asymptotic stability of systems of linear stochastic differential-difference equations. Cybernetics and Systems Analysis, 2010, 46, 80-92.	0.4	1
20	Stability in impulsive systems with Markov perturbations in averaging scheme. I. Averaging principle for impulsive Markov systems. Cybernetics and Systems Analysis, 2010, 46, 975-985.	0.4	3
21	Stability of solutions of stochastic functional-differential equations with poisson switchings and entire prehistory. Cybernetics and Systems Analysis, 2009, 45, 111-122.	0.4	2
22	Lyapunov function method for investigation of stability of stochastic Ito random-structure systems with impulse Markov switchings. I. General theorems on the stability of stochastic impulse systems. Cybernetics and Systems Analysis, 2009, 45, 281-290.	0.4	6
23	Lyapunov function method for investigation of stability of stochastic ito random-structure systems with impulse markov switchings. II. First-approximation stability of stochastic impulse systems with markov parameters. Cybernetics and Systems Analysis, 2009, 45, 464-476.	0.4	5
24	Stabilization of Stochastic Diffusive Dynamical Systems with Impulse Markov Switchings and Parameters. Part I. Stability of Impulse Stochastic Systems with Markov Parameters. Journal of Automation and Information Sciences, 2009, 41, 1-24.	0.7	4
25	Stabilization of Stochastic Diffusive Dynamical Systems with Impulse Markov Switchings and Parameters. Part II. Stabilization of Dynamical Systems of Random Structure with External Markov Switchings. Journal of Automation and Information Sciences, 2009, 41, 26-42.	0.7	1
26	Stability of diffusion stochastic functional differential equations with Markov parameters. Cybernetics and Systems Analysis, 2008, 44, 56-67.	0.4	1
27	Approximate synthesis of optimal control over quasilinear stochastic differential equations with a small parameter and Poisson perturbations. Cybernetics and Systems Analysis, 2008, 44, 341-347.	0.4	0
28	Existence of the l-th moment of a solution to a stochastic functional-differential equation with the entire prehistory. Cybernetics and Systems Analysis, 2008, 44, 582-590.	0.4	1
29	Synthesis of the Optimal Control for Linear Stochastic Dynamical Systems with Finite Aftereffect and Poisson Disturbances. Journal of Automation and Information Sciences, 2008, 40, 22-37.	0.7	1
30	Stabilization of Impulse Dynamical Systems with Finite Aftereffect under the Presence of Markovian Parameters. Part II. Journal of Automation and Information Sciences, 2008, 40, 30-45.	0.7	0
31	Stabilization of Impulse Dynamical Systems with Finite Aftereffect under the Presence of Markovian Parameters. Part I. Journal of Automation and Information Sciences, 2008, 40, 1-20.	0.7	0
32	Synthesis of optimal control of dynamic systems with infinite aftereffect, a small parameter, and poisson perturbations. Cybernetics and Systems Analysis, 2007, 43, 466-470.	0.4	0
33	Mathematical simulation and computer-aided statistical analysis of biological systems. Cybernetics and Systems Analysis, 2006, 42, 686-693.	0.4	0
34	Automatic Course Stabilization of Sea Liner with Considering Random Perturbations by the Method of Lyapunov-Krasovskiy Functionals. Journal of Automation and Information Sciences, 2004, 36, 44-57.	0.7	0
35	Automatic Course Stabilization of Sea Liner with Considering Random Perturbations by the Method of Lyapunov-Krasovskiy Functionals. Part II. Journal of Automation and Information Sciences, 2004, 36, 37-48.	0.7	0
36	Title is missing!. Cybernetics and Systems Analysis, 2000, 36, 699-721.	0.4	1

#	Article	IF	Citations
37	Study of a stochastic model of theâ€œdangling spiderâ€•problem with an infinite previous history and poisson switchings. Cybernetics and Systems Analysis, 2000, 36, 539-560.	0.4	0
38	Iterative procedure for solution of sylvester generalized matrix equation. Cybernetics and Systems Analysis, 2000, 36, 472-474.	0.4	0
39	Asymptotic behavior of solutions of stochastic functional-differential equations with Poisson switchings. Ukrainian Mathematical Journal, 1998, 50, 960-978.	0.1	0
40	Mean-square asymptotic stability of solutions of systems of stochastic differential equations with random operators. Ukrainian Mathematical Journal, 1995, 47, 1135-1147.	0.1	0
41	On one problem of stochastic control. Ukrainian Mathematical Journal, 1995, 47, 1788-1797.	0.1	0
42	Investigation of the Cauchy problem for stochastic partial differential equations. Ukrainian Mathematical Journal, 1993, 45, 1413-1420.	0.1	3
43	The second Lyapunov method for stochastic differential-functional equations taking into account Poisson perturbations. Random Operators and Stochastic Equations, 1993, 1, .	0.2	0
44	Stability of solutions of stochastic wave equations with the Bessel operator under Poisson perturbations. Ukrainian Mathematical Journal, 1990, 42, 865-868.	0.1	0
45	Stability of solutions of linear stochastic differential-difference equations with broken trajectories. Ukrainian Mathematical Journal, 1989, 41, 575-580.	0.1	1
46	Mean-square asymptotic stability of the trivial solution of stochastic functional-differential equations. Ukrainian Mathematical Journal, 1980, 32, 65-72.	0.1	4
47	On the stability of solutions of linear functional?Differential equations with random perturbations of the parameters. Ukrainian Mathematical Journal, 1974, 25, 338-343.	0.1	2
48	On the stability of the trivial solution of stochastic linear systems. Ukrainian Mathematical Journal, 1971, 22, 619-621.	0.1	0