Igor Astrov

List of Publications by Year
in descending order

18 papers	39 citations	3311381 1 h-index	2917675 2 g-index
19 all docs	19 docs citations	19 times ranked	11 citing authors

#	Article	IF	Citations
1	An Optimal Control Method for an Autonomous Surface Vessel for Environment Monitoring and Cargo Transportation Applications. , 2021, , .		3
2	A Trajectory Control Method for a Strongly Underactuated Spherical Underwater Surveillance Robot. , 2021, , .		1
3	Three-rate neural control of TUAV with coaxial rotor and ducted fan configuration for enhanced situational awareness. , 2012, , .		1
4	Two-rate neural control of TUAV with coaxial rotor and ducted fan configuration for enhanced situational awareness. , 2012, , .		0
5	Situational awareness based flight control of a drone. , 2011, , .		4
6	Desired trajectory generation of a quadrotor helicopter using hybrid control for enhanced situational awareness. , 2010, , .		1
7	Enhanced situational awareness for AUV's stochastic model by multirate neural control. , 2010, , .		1
8	Control of hovering manoeuvres in unmanned helicopter for enhanced situational awareness. , 2009, , .		12
9	Enhancing situational awareness through multirate control of an autonomous underwater vehicle. , 2009, , .		0
10	Situational awareness based on neural control of an autonomous helicopter during hovering manoeuvres. , 2008, , .		0
11	Fingerprint recognition for varied degrees of image distortion using three-rate hybrid Kohonen neural network. , 2008, , .		3
12	Multi-Rate Expert Systems in Supply Chain Simulation for Telecommunication Industry. , 2008, , .		0
13	Enhancing situational awareness by means of hybrid adaptive neural control of vertical flight in unmanned helicopter. , 2008, , .		4
14	Low-quality fingerprint recognition using three- rate hybrid Kohonen neural network. , 2007, , .		1
15	Simulation of Missile Autopilot with Two-Rate Hybrid Neural Network System. Advances in Electrical and Computer Engineering, 2007, 7, 18-22.	0.9	2
16	Processing of Distorted Fingerprints with use of Three-Rate Hybrid Kohonen Neural Networks. , 2006, , .		2
17	Fuzzy Logic in Simulation of Lockheed L1011 Aircraft Three-rate Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 516-521.	0.4	1
18	Simulation of three-rate neural network control for stochastic model of a fighter aircraft. , 0, , .		3