Sam-Sang You

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	212 citations	1163117 8 h-index	1125743 13 g-index
35 all docs	35 docs citations	35 times ranked	137 citing authors

#	Article	IF	Citations
1	Container port throughput analysis and active management using control theory. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2022, 236, 185-195.	0.5	2
2	Active management strategy for supply chain system using nonlinear control synthesis. International Journal of Dynamics and Control, 2022, 10, 1981-1995.	2.5	2
3	Seaport throughput forecasting and post COVID-19 recovery policy by using effective decisionâ€making strategy: A case study of Vietnam ports. Computers and Industrial Engineering, 2022, 168, 108102.	6.3	13
4	Adaptive Controller Design for Dynamic Maneuvers of High Speed Underwater Vehicles. China Ocean Engineering, 2022, 36, 311-321.	1.6	0
5	Management and optimisation of chaotic supply chain system using adaptive sliding mode control algorithm. International Journal of Production Research, 2021, 59, 2571-2587.	7.5	30
6	Motion control with robust string stability of mobile-rack vehicles in autonomous logistics. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2347-2359.	2.1	1
7	Active control synthesis of nonlinear pitch-roll motions for marine vessels. Ocean Engineering, 2021, 221, 108537.	4.3	11
8	Suppression of hydraulic transients for desalination plants based on active control synthesis. Water Science and Technology: Water Supply, 2021, 21, 1552-1566.	2.1	0
9	Control of desalination plants using sliding mode scheme with state observer. Journal of Water Supply: Research and Technology - AQUA, 2021, 70, 783-796.	1.4	0
10	Nonlinear analysis and active management of production-distribution in nonlinear supply chain model using sliding mode control theory. Applied Mathematical Modelling, 2021, 97, 418-437.	4.2	10
11	Container throughput analysis and seaport operations management using nonlinear control synthesis. Applied Mathematical Modelling, 2021, 100, 320-341.	4.2	9
12	Time series forecasting for port throughput using recurrent neural network algorithm. Journal of International Maritime Safety Environmental Affairs and Shipping, 2021, 5, 175-183.	0.8	0
13	Nonlinear robust control of high-speed supercavitating vehicle in the vertical plane. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 510-519.	0.5	4
14	Roll suppression of marine vessels using adaptive super-twisting sliding mode control synthesis. Ocean Engineering, 2020, 195, 106724.	4.3	25
15	Secure communication system in maritime navigation using state observer with linear matrix inequality. Journal of International Maritime Safety Environmental Affairs and Shipping, 2020, 4, 70-75.	0.8	0
16	Dynamic analysis and management optimization for maritime supply chains using nonlinear control theory. Journal of International Maritime Safety Environmental Affairs and Shipping, 2020, 4, 48-55.	0.8	5
17	Fractional-order sliding mode control synthesis of supercavitating underwater vehicles. JVC/Journal of Vibration and Control, 2020, 26, 1909-1919.	2.6	10
18	Robust control synthesis for CNC machine spindle. Machining Science and Technology, 2019, 23, 985-1002.	2.5	2

#	Article	IF	Citations
19	Dynamical analysis and robust control for dive plane of supercavitating vehicles. Applied Ocean Research, 2019, 84, 259-267.	4.1	8
20	Pressure drop characteristics for two-phase flow of FC-72 in microchannel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 987-997.	2.1	9
21	Robust control synthesis for the activated sludge process. Environmental Science: Water Research and Technology, 2018, 4, 992-1001.	2.4	6
22	Dynamical Rolling Analysis of a Vessel in Regular Beam Seas. Journal of the Korean Society of Marine Environment and Safety, 2018, 24, 325-331.	0.3	5
23	Robust control synthesis for dynamic vessel positioning. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2017, 231, 98-108.	0.5	2
24	Two-phase flow boiling heat transfer of FC-72 in parallel micro-channels. Experimental Heat Transfer, 2017, 30, 284-301.	3.2	6
25	Advanced Control Synthesis for Reverse Osmosis Water Desalination Processes. Water Environment Research, 2017, 89, 1932-1941.	2.7	3
26	Robust Operation of Autonomous Logistics Vehicles in Intelligent Warehouse. , 2017, , .		1
27	Design and control of high speed unmanned underwater glider. International Journal of Precision Engineering and Manufacturing - Green Technology, 2016, 3, 273-279.	4.9	16
28	Robust water quality controller for a reverse osmosis desalination system. Water Science and Technology: Water Supply, 2016, 16, 324-332.	2.1	2
29	Modified PID control with H_{âˆž} loop shaping synthesis for RO desalination plants. Desalination and Water Treatment, 2016, 57, 25421-25434.	1.0	7
30	Two-phase pressure drop due to friction in micro-channel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 921-931.	2.1	5
31	Autopilot control synthesis for path tracking maneuvers of underwater vehicles. China Ocean Engineering, 2011, 25, 237-249.	1.6	2
32	Diving autopilot design for underwater vehicles using multi-objective control synthesis. Journal of Mechanical Science and Technology, 1998, 12, 1116-1125.	0.4	7
33	Kinematics and dynamic modeling for holonomic constrained multiple robot systems through principle of workspace orthogonalization. Journal of Mechanical Science and Technology, 1998, 12, 170-180.	0.4	7
34	Model-based feedforward precompensation and VS-type robust nonlinear postcompensation for uncertain robotic systems with/without knowledge of uncertainty bounds(I). Journal of Mechanical Science and Technology, 1996, 10, 296-304.	0.1	2
35	Model-based feedforward precompensation and VS-type robust nonlinear postcompensation for uncertain robotic systems with/without knowledge of uncertainty bounds (II). Journal of Mechanical Science and Technology, 1996, 10, 305-313.	0.1	0