Sam-Sang You

List of Publications by Year
in descending order

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	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
2	Roll suppression of marine vessels using adaptive super-twisting sliding mode control synthesis. Ocean Engineering, 2020, 195, 106724.	4.3	25
3	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
4	Seaport throughput forecasting and post COVID-19 recovery policy by using effective decision€making strategy: A case study of Vietnam ports. Computers and Industrial Engineering, 2022, 168, 108102.	6.3	13
5	Active control synthesis of nonlinear pitch-roll motions for marine vessels. Ocean Engineering, 2021, 221, 108537.	4.3	11
6	Fractional-order sliding mode control synthesis of supercavitating underwater vehicles. JVC/Journal of Vibration and Control, 2020, 26, 1909-1919.	2.6	10
7	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
8	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
9	Container throughput analysis and seaport operations management using nonlinear control synthesis. Applied Mathematical Modelling, 2021, 100, 320-341.	4.2	9
10	Dynamical analysis and robust control for dive plane of supercavitating vehicles. Applied Ocean Research, 2019, 84, 259-267.	4.1	8
11	Diving autopilot design for underwater vehicles using multi-objective control synthesis. Journal of Mechanical Science and Technology, 1998, 12, 1116-1125.	0.4	7
12	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
13	Modified PID control with H_∞ loop shaping synthesis for RO desalination plants. Desalination and Water Treatment, 2016, 57, 25421-25434.	1.0	7
14	Two-phase flow boiling heat transfer of FC-72 in parallel micro-channels. Experimental Heat Transfer, 2017, 30, 284-301.	3.2	6
15	Robust control synthesis for the activated sludge process. Environmental Science: Water Research and Technology, 2018, 4, 992-1001.	2.4	6
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Advanced Control Synthesis for Reverse Osmosis Water Desalination Processes. Water Environment Research, 2017, 89, 1932-1941.	2.7	3
21	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
22	Autopilot control synthesis for path tracking maneuvers of underwater vehicles. China Ocean Engineering, 2011, 25, 237-249.	1.6	2
23	Robust water quality controller for a reverse osmosis desalination system. Water Science and Technology: Water Supply, 2016, 16, 324-332.	2.1	2
24	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
25	Robust control synthesis for CNC machine spindle. Machining Science and Technology, 2019, 23, 985-1002.	2.5	2
26	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
27	Active management strategy for supply chain system using nonlinear control synthesis. International Journal of Dynamics and Control, 2022, 10, 1981-1995.	2.5	2
28	Robust Operation of Autonomous Logistics Vehicles in Intelligent Warehouse. , 2017, , .		1
29	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
30	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
31	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
32	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
33	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
34	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
35	Adaptive Controller Design for Dynamic Maneuvers of High Speed Underwater Vehicles. China Ocean Engineering, 2022, 36, 311-321.	1.6	0