

Wei He

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6675901/wei-he-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

297
papers

13,278
citations

62
h-index

110
g-index

375
ext. papers

16,772
ext. citations

4.8
avg, IF

7.75
L-index

#	Paper	IF	Citations
297	Adaptive Neural Network Control of an Uncertain Robot With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 620-9	10.2	802
296	Adaptive Neural Impedance Control of a Robotic Manipulator With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 334-344	7.3	546
295	Cooperative control of a nonuniform gantry crane with constrained tension. <i>Automatica</i> , 2016 , 66, 146-154	5.4	416
294	Adaptive Fuzzy Neural Network Control for a Constrained Robot Using Impedance Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1174-1186	10.3	382
293	Adaptive Control of a Flexible Crane System With the Boundary Output Constraint. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4126-4133	8.9	349
292	Adaptive finite-time tracking control of full state constrained nonlinear systems with dead-zone. <i>Automatica</i> , 2019 , 100, 99-107	5.7	282
291	Robust adaptive boundary control of a flexible marine riser with vessel dynamics. <i>Automatica</i> , 2011 , 47, 722-732	5.7	278
290	Neural Control of Bimanual Robots With Guaranteed Global Stability and Motion Precision. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 1162-1171	11.9	264
289	Vibration Control of a Flexible Robotic Manipulator in the Presence of Input Deadzone. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 48-59	11.9	263
288	Adaptive Neural Network Control of a Marine Vessel With Constraints Using the Asymmetric Barrier Lyapunov Function. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1641-1651	10.2	239
287	Vibration Control of a Flexible Beam With Output Constraint. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 5023-5030	8.9	233
286	Neural Network Control of a Robotic Manipulator With Input Deadzone and Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 759-770	7.3	230
285	Control Design for Nonlinear Flexible Wings of a Robotic Aircraft. <i>IEEE Transactions on Control Systems Technology</i> , 2017 , 25, 351-357	4.8	225
284	Adaptive Parameter Estimation and Control Design for Robot Manipulators With Finite-Time Convergence. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 8112-8123	8.9	215
283	Unified iterative learning control for flexible structures with input constraints. <i>Automatica</i> , 2018 , 96, 326-336	5.7	210
282	Adaptive Neural Network Control of a Flapping Wing Micro Aerial Vehicle With Disturbance Observer. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3452-3465	10.2	207
281	Iterative Learning Control for a Flapping Wing Micro Aerial Vehicle Under Distributed Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1524-1535	10.2	183

280	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1863-1874	7.3	180
279	Modeling and vibration control of a flexible aerial refueling hose with variable lengths and input constraint. <i>Automatica</i> , 2017 , 77, 302-310	5.7	171
278	Adaptive Impedance Control for an Upper Limb Robotic Exoskeleton Using Biological Signals. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1664-1674	8.9	165
277	Top Tension Control of a Flexible Marine Riser by Using Integral-Barrier Lyapunov Function. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 497-505	5.5	162
276	Adaptive Neural Network Control of a Robotic Manipulator With Time-Varying Output Constraints. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3136-3147	10.2	159
275	Neural Network Control of a Rehabilitation Robot by State and Output Feedback. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015 , 80, 15-31	2.9	149
274	Adaptive Neural Network Control of a Fully Actuated Marine Surface Vessel With Multiple Output Constraints. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1536-1543	4.8	149
273	Dynamical Modeling and Boundary Vibration Control of a Rigid-Flexible Wing System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 2711-2721	5.5	148
272	Robust adaptive control of a thruster assisted position mooring system. <i>Automatica</i> , 2014 , 50, 1843-1853	5.7	141
271	Adaptive Boundary Iterative Learning Control for an Euler-Bernoulli Beam System With Input Constraint. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1539-1549	10.3	140
270	Robot Learning System Based on Adaptive Neural Control and Dynamic Movement Primitives. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 777-787	10.3	140
269	A survey of human-centered intelligent robots: issues and challenges. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 602-609	7	139
268	Boundary Vibration Control of Variable Length Crane Systems in Two-Dimensional Space With Output Constraints. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 1952-1962	5.5	132
267	Robust Adaptive Neural Tracking Control for a Class of Perturbed Uncertain Nonlinear Systems With State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 1618-1629	7.3	129
266	Adaptive Fuzzy Control for Coordinated Multiple Robots With Constraint Using Impedance Learning. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3052-3063	10.2	128
265	Modeling and trajectory tracking control for flapping-wing micro aerial vehicles. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 148-156	7	120
264	. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 790-797	4.8	115
263	Cooperative Adaptive Event-Triggered Control for Multiagent Systems With Actuator Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1759-1768	7.3	109

262	Barrier Lyapunov Function Based Learning Control of Hypersonic Flight Vehicle With AOA Constraint and Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1047-1057	10.2	105
261	Vibration control of an EulerBernoulli beam under unknown spatiotemporally varying disturbance. <i>International Journal of Control</i> , 2011 , 84, 947-960	1.5	100
260	Boundary Control of a Coupled Nonlinear Flexible Marine Riser. <i>IEEE Transactions on Control Systems Technology</i> , 2010 , 18, 1080-1091	4.8	99
259	Model Identification and Control Design for a Humanoid Robot. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 45-57	7.3	98
258	Modeling and Vibration Control for a Nonlinear Moving String With Output Constraint. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 1886-1897	5.5	92
257	Neural Network Control of a Two-Link Flexible Robotic Manipulator Using Assumed Mode Method. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 755-765	11.9	92
256	Modeling and Observer-Based Vibration Control of a Flexible Spacecraft With External Disturbances. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8648-8658	8.9	90
255	Adaptive boundary control of a flexible marine installation system. <i>Automatica</i> , 2011 , 47, 2728-2734	5.7	88
254	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 1937-1949	4.9	87
253	Adaptive boundary control of an axially moving belt system with high acceleration/deceleration. <i>IET Control Theory and Applications</i> , 2016 , 10, 1299-1306	2.5	86
252	A DMPs-Based Framework for Robot Learning and Generalization of Humanlike Variable Impedance Skills. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018 , 23, 1193-1203	5.5	83
251	Neural-Learning-Based Control for a Constrained Robotic Manipulator With Flexible Joints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5993-6003	10.3	81
250	Force Sensorless Admittance Control With Neural Learning for Robots With Actuator Saturation. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3138-3148	8.9	79
249	Vibration Control of a Nonuniform Wind Turbine Tower via Disturbance Observer. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 237-244	5.5	78
248	Active vibration control for a flexible string system with input backlash. <i>IET Control Theory and Applications</i> , 2016 , 10, 800-805	2.5	76
247	Mind Control of a Robotic Arm With Visual Fusion Technology. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3822-3830	11.9	75
246	Robust adaptive fault tolerant control for a linear cascaded ODE-beam system. <i>Automatica</i> , 2018 , 98, 42-50	5.7	74
245	Modeling and Vibration Control for a Moving Beam With Application in a Drilling Riser. <i>IEEE Transactions on Control Systems Technology</i> , 2017 , 25, 1036-1043	4.8	71

244	Design and Adaptive Control for an Upper Limb Robotic Exoskeleton in Presence of Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 97-108	10.3	68
243	Adaptive Neural Network Control of Biped Robots. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 1-12	7.3	68
242	Reinforcement Learning Control of a Flexible Two-Link Manipulator: An Experimental Investigation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	66
241	Adaptive Fuzzy Full-State and Output-Feedback Control for Uncertain Robots With Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14	7.3	65
240	Adaptive boundary control of a flexible manipulator with input saturation. <i>International Journal of Control</i> , 2016 , 89, 1191-1202	1.5	65
239	Adaptive Boundary Control of a Nonlinear Flexible String System. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1088-1093	4.8	65
238	Boundary Output-Feedback Stabilization of a Timoshenko Beam Using Disturbance Observer. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5186-5194	8.9	64
237	Iterative Learning Control of a Robotic Arm Experiment Platform with Input Constraint. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 664-672	8.9	63
236	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015 , 51, 1422-1431	3.7	62
235	Boundary Control of a Flexible Riser With the Application to Marine Installation. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5802-5810	8.9	62
234	Tangent Barrier Lyapunov Functions for the Control of Output-Constrained Nonlinear Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 449-455		62
233	Boundary control of an axially moving accelerated/decelerated belt system. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3849-3866	3.6	61
232	Two-Layer Distributed Formation-Containment Control of Multiple Euler-Lagrange Systems by Output Feedback. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 675-687	10.2	61
231	Vibration Control of an Industrial Moving Strip in the Presence of Input Deadzone. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4680-4689	8.9	58
230	Adaptive neural control for an uncertain robotic manipulator with joint space constraints. <i>International Journal of Control</i> , 2016 , 89, 1428-1446	1.5	58
229	BrainMachine Interface and Visual Compressive Sensing-Based Teleoperation Control of an Exoskeleton Robot. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 58-69	8.3	57
228	Vibration Control of a Flexible String With Both Boundary Input and Output Constraints. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 1245-1254	4.8	57
227	Fuzzy Neural Network Control of a Flexible Robotic Manipulator Using Assumed Mode Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5214-5227	10.3	56

226	Disturbance Observer-Based Neural Network Control of Cooperative Multiple Manipulators With Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1735-1746	10.3	53
225	Tracking control of a marine surface vessel with full-state constraints. <i>International Journal of Systems Science</i> , 2017 , 48, 535-546	2.3	52
224	Modeling and adaptive control for a spatial flexible spacecraft with unknown actuator failures. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	52
223	Missile Guidance Law Based on Robust Model Predictive Control Using Neural-Network Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1803-9	10.3	49
222	Adaptive Neural Network Control for Robotic Manipulators With Unknown Deadzone. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2670-2682	10.2	49
221	Adaptive Control of a Flexible String System With Input Hysteresis. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 693-700	4.8	48
220	Asymmetric Bounded Neural Control for an Uncertain Robot by State Feedback and Output Feedback. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-12	7.3	47
219	Multilayer formation control of multi-agent systems. <i>Automatica</i> , 2019 , 109, 108558	5.7	46
218	Dynamic modeling and vibration control for a nonlinear 3-dimensional flexible manipulator. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3927-3945	3.6	46
217	Adaptive neural network control of a robotic manipulator with unknown backlash-like hysteresis. <i>IET Control Theory and Applications</i> , 2017 , 11, 567-575	2.5	43
216	Stabilization of an axially moving accelerated/decelerated system via an adaptive boundary control. <i>ISA Transactions</i> , 2016 , 64, 394-404	5.5	43
215	Robust adaptive vibration control for an uncertain flexible Timoshenko robotic manipulator with input and output constraints. <i>International Journal of Systems Science</i> , 2017 , 48, 2860-2870	2.3	43
214	Boundary control for a flexible manipulator based on infinite dimensional disturbance observer. <i>Journal of Sound and Vibration</i> , 2015 , 348, 1-14	3.9	42
213	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 2233-2245	3.7	42
212	Highly transparent, highly flexible composite membrane with multiple antimicrobial effects used for promoting wound healing. <i>Carbohydrate Polymers</i> , 2019 , 222, 114985	10.3	41
211	Nonlinear Constrained Optimal Control of Wave Energy Converters With Adaptive Dynamic Programming. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7904-7915	8.9	41
210	Partial differential equation boundary control of a flexible manipulator with input saturation. <i>International Journal of Systems Science</i> , 2017 , 48, 53-62	2.3	40
209	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 543-554	7.3	39

208	Adaptive neural network control of unknown nonlinear affine systems with input deadzone and output constraint. <i>ISA Transactions</i> , 2015 , 58, 96-104	5.5	38
207	Adaptive control of a quadrotor aerial vehicle with input constraints and uncertain parameters. <i>International Journal of Control</i> , 2018 , 91, 1140-1160	1.5	38
206	Iterative learning control of inhomogeneous distributed parameter systems in frequency domain design and analysis. <i>Systems and Control Letters</i> , 2014 , 72, 22-29	2.4	38
205	Neural Control of Robot Manipulators With Trajectory Tracking Constraints and Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 4231-4242	10.3	38
204	Effects of fluorine incorporation and forming gas annealing on high-k gated germanium metal-oxide-semiconductor with GeO ₂ surface passivation. <i>Applied Physics Letters</i> , 2008 , 93, 073504	3.4	37
203	Composite Neural Learning-Based Nonsingular Terminal Sliding Mode Control of MEMS Gyroscopes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1375-1386	10.3	37
202	Boundary adaptive fault-tolerant control for a flexible Timoshenko arm with backlash-like hysteresis. <i>Automatica</i> , 2021 , 130, 109690	5.7	37
201	Dynamics and Control of Mechanical Systems in Offshore Engineering. <i>Advances in Industrial Control</i> , 2014 ,	0.3	35
200	Modeling and Control of a Nonuniform Vibrating String Under Spatiotemporally Varying Tension and Disturbance. <i>IEEE/ASME Transactions on Mechatronics</i> , 2012 , 17, 1196-1203	5.5	34
199	A Wireless BCI and BMI System for Wearable Robots. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 936-946	7.3	32
198	Vibration Control of Flexible Marine Riser Systems With Input Saturation. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 1-1	5.5	30
197	Robust Adaptive Control of an Offshore Ocean Thermal Energy Conversion System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5285-5295	7.3	30
196	Bayesian Estimation of Human Impedance and Motion Intention for Human-Robot Collaboration. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1822-1834	10.2	30
195	Human-Robot Co-Carrying Using Visual and Force Sensing. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 8657-8666	8.9	28
194	Reinforcement learning control of a single-link flexible robotic manipulator. <i>IET Control Theory and Applications</i> , 2017 , 11, 1426-1433	2.5	27
193	Robust Vision-Based Tube Model Predictive Control of Multiple Mobile Robots for Leader-Follower Formation. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3096-3106	8.9	26
192	Development of an autonomous flapping-wing aerial vehicle. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	24
191	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018 , 12, 875-882	2.5	23

190	Dynamic modelling and adaptive robust tracking control of a space robot with two-link flexible manipulators under unknown disturbances. <i>International Journal of Control</i> , 2018 , 91, 969-988	1.5	23
189	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1027-1038	7.3	23
188	Dynamic modeling and vibration control of a flexible aerial refueling hose. <i>Aerospace Science and Technology</i> , 2016 , 55, 92-102	4.9	22
187	Robust adaptive iterative learning control for discrete-time nonlinear systems with both parametric and nonparametric uncertainties. <i>International Journal of Adaptive Control and Signal Processing</i> , 2016 , 30, 972-985	2.8	22
186	An adaptive iterative learning algorithm for boundary control of a flexible manipulator. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 903-916	2.8	22
185	Interface-Engineered High-Mobility High- κ /Ge pMOSFETs With 1-nm Equivalent Oxide Thickness. <i>IEEE Transactions on Electron Devices</i> , 2009 ,	2.9	22
184	Boundary control of an axially moving system with high acceleration/deceleration and disturbance observer. <i>Journal of the Franklin Institute</i> , 2017 , 354, 2905-2923	4	21
183	Boundary output feedback control of a flexible string system with input saturation. <i>Nonlinear Dynamics</i> , 2015 , 80, 871-888	5	21
182	Adaptive NN impedance control for an SEA-driven robot. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	21
181	Adaptive fuzzy control for a marine vessel with time-varying constraints. <i>IET Control Theory and Applications</i> , 2018 , 12, 1448-1455	2.5	21
180	Distributed coordinated tracking control of multiple Euler-Lagrange systems by state and output feedback. <i>IET Control Theory and Applications</i> , 2017 , 11, 2213-2221	2.5	21
179	Adaptive neural network control of coordinated robotic manipulators with output constraint. <i>IET Control Theory and Applications</i> , 2016 , 10, 2271-2278	2.5	20
178	Adaptive-Neural-Network-Based Trajectory Tracking Control for a Nonholonomic Wheeled Mobile Robot With Velocity Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 5057-5067	8.9	20
177	Detecting safety helmet wearing on construction sites with bounding-box regression and deep transfer learning. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021 , 36, 180-196	8.4	20
176	Boundary control of a Timoshenko beam system with input dead-zone. <i>International Journal of Control</i> , 2015 , 88, 1257-1270	1.5	19
175	Performance Improvement in Charge-Trap Flash Memory Using Lanthanum-Based High- κ Blocking Oxide. <i>IEEE Transactions on Electron Devices</i> , 2009 , 56, 2746-2751	2.9	19
174	Control Design of a Marine Vessel System Using Reinforcement Learning. <i>Neurocomputing</i> , 2018 , 311, 353-362	5.4	19
173	Boundary control of an Euler-Bernoulli beam with input and output restrictions. <i>Nonlinear Dynamics</i> , 2018 , 92, 531-541	5	18

172	Adaptive boundary control for a class of inhomogeneous Timoshenko beam equations with constraints. <i>IET Control Theory and Applications</i> , 2014 , 8, 1285-1292	2.5	18
171	Iterative learning control for boundary tracking of uncertain nonlinear wave equations. <i>Journal of the Franklin Institute</i> , 2018 , 355, 8441-8461	4	18
170	Adaptive Fuzzy Relative Pose Control of Spacecraft During Rendezvous and Proximity Maneuvers. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3440-3451	8.3	18
169	A robust observer design for a flexible manipulator based on a PDE model. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 871-882	2	17
168	Active vibration control of a nonlinear three-dimensional EulerBernoulli beam. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 3196-3215	2	17
167	Adaptive neural dynamic surface control of output constrained non-linear systems with unknown control direction. <i>IET Control Theory and Applications</i> , 2017 , 11, 2994-3003	2.5	17
166	Adaptive control for an uncertain robotic manipulator with input saturations. <i>Control Theory and Technology</i> , 2016 , 14, 113-121	1	17
165	Modeling and vibration control of the flapping-wing robotic aircraft with output constraint. <i>Journal of Sound and Vibration</i> , 2018 , 423, 472-483	3.9	16
164	Fuzzy Approximation-Based Finite-Time Control for a Robot With Actuator Saturation Under Time-Varying Constraints of Work Space. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4873-4884	10.2	16
163	Cooperative Circumnavigation Control of Networked Microsatellites. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4550-4555	10.2	16
162	Uncertainty and Disturbance Estimator-Based Control of a Flapping-Wing Aerial Vehicle With Unknown Backlash-Like Hysteresis. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4826-4835	8.9	16
161	Vibration control for a nonlinear three-dimensional EulerBernoulli beam under input magnitude and rate constraints. <i>Nonlinear Dynamics</i> , 2018 , 91, 2551-2570	5	15
160	Adaptive dynamic surface neural network control for nonstrict-feedback uncertain nonlinear systems with constraints. <i>Nonlinear Dynamics</i> , 2018 , 94, 165-184	5	15
159	Trajectory Tracking Control for the Flexible Wings of a Micro Aerial Vehicle. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2431-2441	7.3	14
158	Robust Adaptive Boundary Control of a Vibrating String Under Unknown Time-Varying Disturbance. <i>IEEE Transactions on Control Systems Technology</i> , 2011 ,	4.8	14
157	Boundary Feedback Control of a Nonhomogeneous Wind Turbine Tower with Exogenous Disturbances. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	14
156	Distributed control of a class of flexible mechanical systems with global constraint. <i>International Journal of Control</i> , 2016 , 89, 128-139	1.5	13
155	Adaptive Boundary Control for a Flexible Manipulator With State Constraints Using a Barrier Lyapunov Function. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2018 , 140,	1.6	13

154	Boundary Control for A Flexible Inverted Pendulum System Based on A Pde Model. <i>Asian Journal of Control</i> , 2018 , 20, 12-21	1.7	13
153	Vibration control for a flexible satellite system with output constraints. <i>Nonlinear Dynamics</i> , 2016 , 85, 2673-2686	5	13
152	Vibration control for a nonlinear three-dimensional flexible manipulator trajectory tracking. <i>International Journal of Control</i> , 2016 , 89, 1641-1663	1.5	13
151	Boundary feedback stabilisation of a flexible robotic manipulator with constraint. <i>International Journal of Control</i> , 2016 , 89, 635-651	1.5	13
150	Vibration Control of a High-Rise Building Structure: Theory and Experiment. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 866-875	7	13
149	Adaptive neural control of unknown non-affine nonlinear systems with input deadzone and unknown disturbance. <i>Nonlinear Dynamics</i> , 2019 , 95, 1283-1299	5	13
148	Adaptive Neural Network Control of Underwater Robotic Manipulators Tuned by a Genetic Algorithm. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2020 , 97, 657-672	2.9	13
147	Boundary control for a flexible manipulator with a robust state observer. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 260-271	2	12
146	Adaptive fault-tolerant control for a nonlinear flexible aircraft wing system. <i>Asian Journal of Control</i> , 2019 , 21, 2340-2351	1.7	12
145	Vibration control of a flexible aerial refuelling hose with input saturation. <i>International Journal of Systems Science</i> , 2017 , 48, 971-983	2.3	12
144	Bilateral Teleoperation of Multiple Robots Under Scheduling Communication. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 1770-1784	4.8	12
143	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 5184-5196	8.9	12
142	Distributed disturbance-observer-based vibration control for a flexible-link manipulator with output constraints. <i>Science China Technological Sciences</i> , 2018 , 61, 1528-1536	3.5	12
141	A Survey on 3D Visual Tracking of Multicopters. <i>International Journal of Automation and Computing</i> , 2019 , 16, 707-719	3.5	11
140	Modeling and Vibration Control of a Coupled Vessel-Mooring-Riser System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 2832-2840	5.5	11
139	Vibration control of a Timoshenko beam system with input backlash. <i>IET Control Theory and Applications</i> , 2015 , 9, 1802-1809	2.5	11
138	Trajectory Tracking Control for a Three-Dimensional Flexible Wing. <i>IEEE Transactions on Control Systems Technology</i> , 2022 , 1-8	4.8	11
137	Safety-Aware Reinforcement Learning Framework with an Actor-Critic-Barrier Structure 2019 ,		11

136	Tracking Control of a Flexible String System Based on Iterative Learning Control. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 436-443	4.8	11
135	Development of a fast transmission method for 3D point cloud. <i>Multimedia Tools and Applications</i> , 2018 , 77, 25369-25387	2.5	10
134	Boundary Output Feedback Control for a Flexible Two-Link Manipulator System With High-Gain Observers. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 835-840	4.8	10
133	Hamiltonian-Driven Adaptive Dynamic Programming With Approximation Errors. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	10
132	Cooperative adaptive finite-time control for stochastic multi-agent systems with input quantisation. <i>IET Control Theory and Applications</i> , 2019 , 13, 746-754	2.5	9
131	Adaptive Coordinated Formation Control of Heterogeneous Vertical Takeoff and Landing UAVs Subject to Parametric Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	9
130	A novel deep neural network architecture for real-time water demand forecasting. <i>Journal of Hydrology</i> , 2021 , 599, 126353	6	9
129	Boundary control for flexible mechanical systems with input dead-zone. <i>Nonlinear Dynamics</i> , 2015 , 82, 1763-1774	5	8
128	Disturbance Observer-Based Fault-Tolerant Control for Robotic Systems With Guaranteed Prescribed Performance. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	8
127	Neural Networks Based Learning Control for a Piezoelectric Nanopositioning System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 2904-2914	5.5	8
126	Distributed Parameter Modeling and Boundary Control of Flexible Manipulators 2018 ,		8
125	Disturbance observer design and vibration control for a flexible aircraft wing. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 3760-3773	1.8	8
124	Parallel Control of Distributed Parameter Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3291-3301	10.2	8
123	Modelling and vibration control for a flexible string system in three-dimensional space. <i>IET Control Theory and Applications</i> , 2015 , 9, 2387-2394	2.5	8
122	Localization of Drag Anchor in Mooring Systems Via Magnetic Induction and Acoustic Wireless Communication Network. <i>IEEE Journal of Oceanic Engineering</i> , 2014 , 39, 515-525	3.3	8
121	Learning Saliency Features for Face Detection and Recognition Using Multi-task Network. <i>International Journal of Social Robotics</i> , 2016 , 8, 709-720	4	8
120	Impedance Control for Coordinated Robots by State and Output Feedback. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-11	7.3	8
119	Robust Neurooptimal Control for a Robot via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2584-2594	10.3	8

118	Adaptive-Constrained Impedance Control for Human-Robot Co-Transportation. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	8
117	Modeling and neural network control of a flexible beam with unknown spatiotemporally varying disturbance using assumed mode method. <i>Neurocomputing</i> , 2018 , 314, 458-467	5.4	8
116	Human-in-the-Loop Control of Soft Exosuits Using Impedance Learning on Different Terrains. <i>IEEE Transactions on Robotics</i> , 2022 , 1-10	6.5	8
115	Iterative spherical simplex unscented particle filter for CNS/Redshift integrated navigation system. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	7
114	Robust adaptive vibration control for a string with time-varying output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5213-5231	3.6	7
113	Feedback noncausal model predictive control of wave energy converters. <i>Control Engineering Practice</i> , 2019 , 85, 110-120	3.9	6
112	Celestial navigation in deep space exploration using spherical simplex unscented particle filter. <i>IET Signal Processing</i> , 2018 , 12, 463-470	1.7	6
111	Combined perception, control, and learning for teleoperation: key technologies, applications, and challenges. <i>Cognitive Computation and Systems</i> , 2020 , 2, 33-43	1.2	6
110	Active Vibration Control and Stability Analysis of Flexible Beam Systems 2019 ,		6
109	Layered Affine Formation Control of Networked Uncertain Systems: A Fully Distributed Approach Over Directed Graphs. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
108	Lyapunov-based control of a tethered satellite system. <i>IET Control Theory and Applications</i> , 2016 , 10, 956-964	2.5	5
107	Robust Feedback Model Predictive Control of Sea Wave Energy Converters. <i>IFAC-PapersOnLine</i> , 2017 , 50, 141-146	0.7	5
106	Development of a mixed reality based interface for human robot interaction 2017 ,		5
105	Boundary vibration control of a floating wind turbine system with mooring lines. <i>Control Engineering Practice</i> , 2020 , 101, 104423	3.9	5
104	Regulatory science for hernia mesh: Current status and future perspectives. <i>Bioactive Materials</i> , 2021 , 6, 420-432	16.7	5
103	. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 13, 57-66	3	5
102	Adaptive Fault-Tolerant Boundary Control of an Autonomous Aerial Refueling Hose System With Prescribed Constraints. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-11	4.9	5
101	Boundary and Distributed Control for a Nonlinear Three-Dimensional Euler-Bernoulli Beam Based On Infinite Dimensional Disturbance Observer. <i>Asian Journal of Control</i> , 2016 , 18, 2047-2063	1.7	4

100	Impedance Control of a Rehabilitation Robot for Interactive Training. <i>Lecture Notes in Computer Science</i> , 2012 , 526-535	0.9	4
99	Adaptive Neural Network Control of a Vessel with Output Constraints Using the Asymmetric Barrier Lyapunov Function. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 246-251		4
98	Boundary control of a vibrating string under unknown time-varying disturbance 2010 ,		4
97	KAM-Net: Keypoint-Aware and Keypoint-Matching Network for Vehicle Detection from 2D Point Cloud. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 1-1	4.7	4
96	Trajectory Tracking Control of a Quadrotor Aerial Vehicle in the Presence of Input Constraints. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2966-2976	2.9	4
95	Neural adaptive control for robots with uncertainties in manipulator dynamics and actuator dynamics under constrained task space 2015 ,		3
94	A Single Parameter-Based Adaptive Approach to Robotic Manipulators With Finite Time Convergence and Actuator Fault. <i>IEEE Access</i> , 2020 , 8, 15123-15131	3.5	3
93	Teleoperation control of an exoskeleton robot using brain machine interface and visual compressive sensing 2016 ,		3
92	Incremental Local Distribution-Based Clustering Using Bayesian Adaptive Resonance Theory. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3496-3504	10.3	3
91	Low fractal dimension modified drilling-hole wall for PTFE high-frequency board copper plating with plasma treatment. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48052	2.9	3
90	Neural-learning enhanced admittance control of a robot manipulator with input saturation 2017 ,		3
89	Development of a physiological signals enhanced teleoperation strategy 2015 ,		3
88	Multiple model adaptive estimation algorithm for SINS/CNS integrated navigation system 2015 ,		3
87	Non-smooth Lyapunov function-based global stabilization for 2-dimensional quantum filters 2010 ,		3
86	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	3
85	Layered Formation-containment Control of Multi-agent Systems in Constrained Space. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 768-779	2.9	3
84	Boundary control of flexible aircraft wings for vibration suppression. <i>International Journal of Control</i> , 2019 , 92, 2499-2508	1.5	3
83	Vibration control and stability analysis of a nanobeam with boundary prescribed performance. <i>International Journal of Control</i> , 2021 , 94, 1033-1042	1.5	3

82	Predictor-Based Control for a Flexible Satellite Subject to Output Time Delay. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-13	4.8	3
81	Vibration Control of a Constrained Two-Link Flexible Robotic Manipulator With Fixed-Time Convergence. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
80	Data-Driven Feedforward Learning With Force Ripple Compensation for Wafer Stages: A Variable-Gain Robust Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	3
79	Spatial Trajectory Tracking Control of a Fully Actuated Helicopter in Known Static Environment. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2017 , 85, 127-144	2.9	2
78	Approximation-Based Control of a Marine Surface Vessel with Full-State Constraints. <i>Lecture Notes in Computer Science</i> , 2015 , 111-125	0.9	2
77	Adaptive control for a robotic manipulator with uncertainties and input saturations 2015 ,		2
76	Distributed Formation Control of Multiple Euler-Lagrange Systems: A Multilayer Framework. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
75	Towards coordination in human-robot interaction by adaptation of robot's cost function 2016 ,		2
74	Trajectory tracking control of a flapping wing micro aerial vehicle via neural networks 2016 ,		2
73	Modeling and vibration control of a coupled floating wind turbine system 2015 ,		2
72	Deadzone compensation based boundary control of a flexible aerial refueling hose with output constraint. <i>IFAC-PapersOnLine</i> , 2017 , 50, 645-650	0.7	2
71	Boundary Vibration Control of a Variable Length Crane System in Two Dimensional Space with Output Constraints. <i>IFAC-PapersOnLine</i> , 2017 , 50, 11996-12001	0.7	2
70	Guest editorial for special issue on human-centered intelligent robots: issues and challenges. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 599-601	7	2
69	Vibration control and angular tracking of a flexible link via neural networks 2015 ,		2
68	Adaptive control design for a nonuniform gantry crane with constrained tension 2014 ,		2
67	Modeling and simulation of magnetic induction wireless communication for a deepwater mooring system 2012 ,		2
66	Learning Control for a Robotic Manipulator with Input Saturation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 74-79		2
65	Control of a Three-Dimensional String System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 730-736		2

64	Vibration control of a coupled nonlinear string system in transverse and longitudinal directions 2011,		2
63	Neural-Network Control of a Stand-Alone Tall Building-Like Structure With an Eccentric Load: An Experimental Investigation. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
62	Boundary control design for a flexible string system with input backlash 2016,		2
61	Fuzzy control of a single-link flexible robotic manipulator using assumed mode method 2016,		2
60	Boundary control design for a flexible robotic manipulator modeled as a Timoshenko beam 2016,		2
59	Safe Intermittent Reinforcement Learning for Nonlinear Systems 2019,		2
58	Disturbance Observer-based Control of a Flexible Robot Arm 2018,		2
57	Adaptive Control of a Marine Vessel Based on Reinforcement Learning 2018,		2
56	Adaptive Finite-Time Fault-Tolerant Control for Uncertain Flexible Flapping Wings Based on Rigid Finite Element Method. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
55	Formation-containment control of networked collision-free Lagrangian systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2399-2412	3.6	2
54	Nonlinear disturbance observer-based direct joint control for manipulation of a flexible payload with output constraints. <i>International Journal of Control</i> , 1-12	1.5	2
53	Vibration Control Based on Reinforcement Learning for a Single-link Flexible Robotic Manipulator. <i>IFAC-PapersOnLine</i> , 2017 , 50, 3476-3481	0.7	1
52	Adaptive extended Kalman filter for a red shift navigation system 2015,		1
51	An anti-interference EEG-EOG hybrid detection approach for motor image identification and eye track recognition 2015,		1
50	Iterative Learning Control for Flexible Structures. <i>Springer Tracts in Mechanical Engineering</i> , 2020 ,	0.3	1
49	Boundary control for a vibrating string with asymmetrically constrained outputs. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 798-807	3.6	1
48	Transient tracking performance guaranteed global NN control of robot manipulator 2016,		1
47	Vibration control of flexible string systems with nonlinear input 2018,		1

46	Neural Network Control of a Robotic Manipulator with Time-Varying Output Constraints by State Feedback. <i>IFAC-PapersOnLine</i> , 2017 , 50, 8969-8974	0.7	1
45	Modeling and simulation of hand based on opensim and leap motion 2017 ,		1
44	Adaptive neural network tracking control of multi-agent systems with state constraints 2017 ,		1
43	Multiple model adaptive estimation for the celestial navigation system 2015 ,		1
42	Stabilization of an inhomogeneous heat equation subject to constraint 2015 ,		1
41	Vibration control design for a flexible string with input saturation 2014 ,		1
40	Deterministic Learning Control of a Robotic System Via Neural Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 695-700		1
39	Neural Control of Unknown Non-Affine Systems by State and Output Feedback. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 224-229		1
38	End-Point Regulation of a Flexible Robotic Manipulator under the Unknown Spatiotemporally Varying Disturbance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 713-718		1
37	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	1
36	Proportional integral derivative booster for neural networks-based time-series prediction: Case of water demand prediction. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 108, 104570	7.2	1
35	Boundary Iterative Learning Control of an Euler-Bernoulli Beam System. <i>Lecture Notes in Computer Science</i> , 2017 , 239-247	0.9	1
34	Boundary control of nonlinear wave equations: An iterative learning control scheme 2016 ,		1
33	Adaptive Neural Admittance Control for Collision Avoidance in Human-Robot Collaborative Tasks 2019 ,		1
32	Guest Editorial Special Issue on Intelligent Control Through Neural Learning and Optimization for Human-Machine Hybrid Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3530-3533	10.3	1
31	Distributed Parameter Modeling and Boundary Control of an Octopus Tentacle-Inspired Soft Robot. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-13	4.8	1
30	Robustification of Learning Observers to Uncertainty Identification via Time-varying Learning Intensity. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
29	Bidirectional Human-Robot Bimanual Handover of Big Planar Object With Vertical Posture. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-12	4.9	1

28	Online-learning control with weakened saturation response to attitude tracking: A variable learning intensity approach. <i>Aerospace Science and Technology</i> , 2021 , 117, 106981	4.9	1
27	Human-Robot Variable Impedance Skills Transfer Learning Based on Dynamic Movement Primitives. <i>IEEE Robotics and Automation Letters</i> , 2022 , 1-1	4.2	1
26	Boundary Control Design for a Flexible Manipulator with Input Backlash. <i>IFAC-PapersOnLine</i> , 2017 , 50, 6049-6053	0.7	0
25	Modeling and Control of a Nonuniform Vibrating String under Spatiotemporally Varying Tension and Disturbance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 7678-7683		0
24	Coordinate-Free Distributed Localization and Circumnavigation for Nonholonomic Vehicles Without Position Information. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 1-12	5.5	0
23	Adaptive Fuzzy control for a hybrid spacecraft system with spatial motion and communication constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	0
22	Boundary Control for Flexible Manipulator with Exponential Convergence 2018 , 45-63		
21	Boundary Control for Flexible Manipulator with LaSalle Analysis 2018 , 65-77		
20	A Boundary Control Method for Suppressing Flexible Wings Vibration of the FMAV. <i>Lecture Notes in Computer Science</i> , 2017 , 869-878	0.9	
19	A PD Controller of Flexible Joint Manipulator Based on Neuro-Adaptive Observer. <i>Lecture Notes in Computer Science</i> , 2017 , 355-364	0.9	
18	ILC for Vibration Suppression, and Output Regulation and Tracking. <i>Springer Tracts in Mechanical Engineering</i> , 2020 , 15-47	0.3	
17	Pose Estimation for Mobile Robots with Monocular Vision. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 4179-4188	0.2	
16	Distributed Nash Equilibrium Seeking for Non-Cooperative Games with a Coupled Inequality Constraint. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 861-870	0.2	
15	Infinite Dimensional Disturbance Observer for Flexible Manipulator 2018 , 125-134		
14	Vibration Control of a Three-Dimensional Flexible Beam 2019 , 163-196		
13	Neural Network Control of a Flexible Beam 2019 , 143-162		
12	Iterative Learning Control of a Flexible Beam 2019 , 127-142		
11	Vibration Control of a Flexible Beam with Output Constraint 2019 , 59-73		

- 10 Vibration Control of a Flexible Beam with Input Backlash **2019**, 97-111
- 9 Vibration Control of a Flexible Beam **2019**, 33-57
- 8 Vibration Control of a Flexible Beam with Input Dead-Zone **2019**, 85-95
- 7 Fixed-Time Control for a Class of Unknown Nonlinear Affine Systems and Its applications to a Lithography Machine. *IFAC-PapersOnLine*, **2020**, 53, 1702-1708 0.7
- 6 ILC for a Flexible Wing Micro Aerial Vehicle. *Springer Tracts in Mechanical Engineering*, **2020**, 129-152 0.3
- 5 Three-Dimensional Vibrations Control Design for a Single Point Mooring Line System with Input Saturation. *Lecture Notes in Computer Science*, **2017**, 228-238 0.9
- 4 Flexible Marine Riser with Vessel Dynamics. *Advances in Industrial Control*, **2014**, 143-162 0.3
- 3 Guest Editorial Focused Section on Mechatronics in Unmanned Systems. *IEEE/ASME Transactions on Mechatronics*, **2021**, 26, 595-599 5.5
- 2 Effects of airfoil on aerodynamic performance of flapping wing. *Biomimetic Intelligence and Robotics*, **2021**, 1, 100004
- 1 Distributed Control of a Flexible Beam **2019**, 113-125