

# Vicente Parra Vega

## List of Publications by Year in descending order

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184  
papers

2,115  
citations

304602

22  
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330025

37  
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185  
all docs

185  
docs citations

185  
times ranked

1474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Actor-Critic with Integral Sliding Manifold for Learning Control of Robots. Lecture Notes in Networks and Systems, 2022, , 101-108.	0.5	2
2	Touch location and force sensing interactive system for upper limb motor rehabilitation. Multimedia Tools and Applications, 2022, 81, 14133-14152.	2.6	4
3	Personalized Touch-Based Exergame System for Unilateral and Bilateral Rehabilitation Training. Games for Health Journal, 2022, 11, 157-167.	1.1	4
4	A Challenge-Based Learning Intensive Course for Competency Development in Undergraduate Engineering Students: Case Study on UAVs. Electronics (Switzerland), 2022, 11, 1349.	1.8	6
5	Virtual body representation for rehabilitation influences on motor performance of cerebral palsy children. Virtual Reality, 2021, 25, 669-680.	4.1	10
6	Adaptive Fuzzy Velocity Field Control for Navigation of Nonholonomic Mobile Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	2.0	2
7	In-hand manipulation of a circular dynamic object by soft fingertips without angle measurement. Science China Information Sciences, 2021, 64, 1.	2.7	4
8	High-gain fractional disturbance observer control of uncertain dynamical systems. Journal of the Franklin Institute, 2021, 358, 4793-4806.	1.9	8
9	Adaptive actor-critic control of robots with integral invariant manifold. , 2021, , .		2
10	Robust control of wind turbines based on fractional nonlinear disturbance observer. Asian Journal of Control, 2020, 22, 1801-1810.	1.9	8
11	A fractional super-twisting control of electrically driven mechanical systems. Transactions of the Institute of Measurement and Control, 2020, 42, 485-492.	1.1	14
12	Robust Mittag-Leffler stabilisation of fractional-order systems. Asian Journal of Control, 2020, 22, 2273-2281.	1.9	14
13	Aerial Following of a Non-holonomic Mobile Robot subject to Velocity Fields: A Case Study for Autonomous Vehicles Surveillance. , 2020, , .		1
14	Neuro-controller for antagonistic bi-articular muscle actuation in robotic arms based on terminal attractors. Transactions of the Institute of Measurement and Control, 2020, 42, 2031-2043.	1.1	1
15	Non-smooth convex Lyapunov functions for stability analysis of fractional-order systems. Transactions of the Institute of Measurement and Control, 2019, 41, 1627-1639.	1.1	14
16	A novel force-velocity field for object manipulation with a model-free cooperative controller. Transactions of the Institute of Measurement and Control, 2019, 41, 573-581.	1.1	4
17	Fractional-Order Control for Robust Position/Yaw Tracking of Quadrotors With Experiments. IEEE Transactions on Control Systems Technology, 2019, 27, 1645-1650.	3.2	41
18	Manipulation of a Constrained Circular Object avoiding Measuring of Angle. , 2019, , .		0

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19	Adaptive robust control of fractional-order systems with matched and mismatched disturbances. <i>Mathematics and Computers in Simulation</i> , 2019, 162, 85-96.	2.4	12
20	Robust contour tracking of nonholonomic mobile robots via adaptive velocity field motion planning scheme. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 890-899.	2.3	4
21	Biomechanical and functional effects of shoulder kinesio taping® on cerebral palsy children interacting with virtual objects. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 676-684.	0.9	5
22	Computing Pressure-Deformation Maps for Braided Continuum Robots. <i>Frontiers in Robotics and AI</i> , 2019, 6, 4.	2.0	2
23	Fractional Sliding Mode Control of Wind Turbines. , 2019, , .		1
24	Pose regulation of a constrained circular object using Echo State Networks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 583-594.	0.8	0
25	A general result on non-existence of finite-time stable equilibria in fractional-order systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 268-275.	1.9	11
26	Development of an EMG-based exergaming system for isometric muscle training and its effectiveness to enhance motivation, performance and muscle strength. <i>International Journal of Human Computer Studies</i> , 2019, 124, 44-55.	3.7	17
27	A Fractional Nonlinear PI-Structure Control for Robust Attitude Tracking of Quadrotors. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 2911-2920.	2.6	28
28	Fractional PD- $\frac{1}{4}$ Error Manifolds for Robust Tracking Control of Robotic Manipulators. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2019, 141, .	0.9	2
29	An Exact Robust Differentiator Based on Continuous Fractional Sliding Modes. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2018, 140, .	0.9	0
30	Quadratic Lyapunov functions for stability analysis in fractional-order systems with not necessarily differentiable solutions. <i>Systems and Control Letters</i> , 2018, 116, 15-19.	1.3	12
31	Electromyography Biofeedback Exergames to Enhance Grip Strength and Motivation. <i>Games for Health Journal</i> , 2018, 7, 75-82.	1.1	13
32	Finite-time disturbance observer via continuous fractional sliding modes. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 3953-3963.	1.1	13
33	An Adaptive Robotic Assistance Platform for Neurorehabilitation Therapy of Upper Limb. <i>Lecture Notes in Computer Science</i> , 2018, , 291-303.	1.0	1
34	Output Feedback Self-tuning Wavenet Control for Underactuated Euler-Lagrange Systems. <i>IFAC-PapersOnLine</i> , 2018, 51, 633-638.	0.5	3
35	A novel PID control with fractional nonlinear integral. <i>Nonlinear Dynamics</i> , 2018, 94, 3041-3052.	2.7	7
36	Contact force tracking of quadrotors based on robust attitude control. <i>Control Engineering Practice</i> , 2018, 78, 89-96.	3.2	15

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37	Fractional-Order Nonlinear Disturbance Observer Based Control of Fractional-Order Systems. Journal of Computational and Nonlinear Dynamics, 2018, 13, .	0.7	2
38	Fractional sliding mode control of underwater ROVs subject to non-differentiable disturbances. International Journal of Control, Automation and Systems, 2017, 15, 1314-1321.	1.6	27
39	Normal and tangent force neuro-fuzzy control of a soft-tip robot with unknown kinematics. Engineering Applications of Artificial Intelligence, 2017, 65, 43-50.	4.3	7
40	A novel continuous fractional sliding mode control. International Journal of Systems Science, 2017, 48, 2901-2908.	3.7	19
41	Continuous Fractional-Order Sliding PI Control for Nonlinear Systems Subject to Non-Differentiable Disturbances. Asian Journal of Control, 2017, 19, 279-288.	1.9	22
42	Fractional integral sliding modes for robust tracking of nonlinear systems. Nonlinear Dynamics, 2017, 87, 895-901.	2.7	16
43	Output Feedback Finite-Time Stabilization of Systems Subject to Hölder Disturbances via Continuous Fractional Sliding Modes. Mathematical Problems in Engineering, 2017, 2017, 1-8.	0.6	4
44	Cooperative redundant omnidirectional mobile manipulators: Model-free decentralized integral sliding modes and passive velocity fields. , 2016, , .		17
45	Dynamic optimal grasping of a circular object with gravity using robotic soft-fingertips. International Journal of Applied Mathematics and Computer Science, 2016, 26, 309-323.	1.5	4
46	A humanoid robot toying a spinning top: Analysis and design. , 2016, , .		0
47	Attitude control of quadrotors based on fractional sliding modes: theory and experiments. IET Control Theory and Applications, 2016, 10, 825-832.	1.2	58
48	Fractional attitude-reactive control for robust quadrotor position stabilization without resolving underactuation. Control Engineering Practice, 2016, 53, 47-56.	3.2	28
49	Observer-based Integral Sliding Mode Approach for Bilateral Teleoperation with Unknown Time Delay. Automatika, 2016, 57, 749-760.	1.2	4
50	Uniformly continuous differintegral sliding mode control of nonlinear systems subject to Hölder disturbances. Automatica, 2016, 66, 179-184.	3.0	25
51	Wavenet fuzzy PID controller for nonlinear MIMO systems: Experimental validation on a high-end haptic robotic interface. Applied Soft Computing Journal, 2016, 40, 199-205.	4.1	18
52	Neurofuzzy self-tuning of the dissipation rate gain for model-free force-position exponential tracking of robots. Neurocomputing, 2016, 171, 209-219.	3.5	3
53	Dexterous Dynamic Optimal Grasping of a Circular Object subject to Gravity with Soft-fingertips. IFAC-PapersOnLine, 2015, 48, 220-225.	0.5	2
54	Control of Constrained Robot Manipulators based on Fractional Order Error Manifolds. IFAC-PapersOnLine, 2015, 48, 118-123.	0.5	5

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55	Wavenet control of a CyberForce system with human dynamic on passive haptic guidance tasks. , 2015, , .		2
56	On the Brain Computer Robot Interface (BCRI) to Control Robots. IFAC-PapersOnLine, 2015, 48, 154-159.	0.5	6
57	Dexterous dynamic optimal grasping of a circular object with pose regulation using redundant robotic soft-fingertips. , 2015, , .		1
58	Generalized order integral sliding mode control for non-differentiable disturbance rejection: A comparative study. , 2015, , .		2
59	Kinematics Modeling and Experimental Validation of a CyberForce Haptic Device Based on Passive Control System. , 2015, , .		2
60	Positionâ€“Yaw Tracking of Quadrotors. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2015, 137, .	0.9	26
61	EEG-motor sequencing signals for online command of dynamic robots. , 2015, , .		1
62	Attitude tracking control of a quadrotor based on absolutely continuous fractional integral sliding modes. , 2014, , .		10
63	Free-model fractional-order absolutely continuous sliding mode control for euler-lagrange systems. , 2014, , .		7
64	Robust Backstepping Control Based on Integral Sliding Modes for Tracking of Quadrotors. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 73, 51-66.	2.0	120
65	Neuro-fuzzy self-tuning of PID control for semiglobal exponential tracking of robot arms. Applied Soft Computing Journal, 2014, 25, 139-148.	4.1	24
66	A Passive Velocity Field Control for Navigation of Quadrotors with Model-free Integral Sliding Modes. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 73, 373-385.	2.0	7
67	Integral sliding mode backstepping control of quadrotors for robust position tracking. , 2013, , .		5
68	A Passivity-Based Model-Free Forceâ€“Motion Control of Underwater Vehicle-Manipulator Systems. IEEE Transactions on Robotics, 2013, 29, 1469-1484.	7.3	39
69	A passive velocity field for navigation of quadrotors with model-free integral sliding mode control. , 2013, , .		0
70	Kinesthetic Guided with Graphotherapeutic Purposes. , 2013, , .		0
71	Regressor-free tracking of robots with self-tuning PD-like control. , 2013, , .		1
72	Toward Aerial Grasping and Manipulation with Multiple UAVs. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 70, 575-593.	2.0	40

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73	Continuous kinematic control with terminal attractors for handling task transitions of redundant robots. , 2013, , .		2
74	Rolling a dynamic object with a planar soft-fingertip robot arm. , 2013, , .		3
75	Multiresolution wavenet PID control for global regulation of robots. , 2013, , .		5
76	Passive Velocity Field Control for contour tracking of robots with model-free controller. , 2013, , .		2
77	Visual control for trajectory tracking of Quadrotors and real-time analysis on an emulated environment. , 2013, , .		1
78	Passive Force/Velocity Field Control for contour tracking of constrained robots. , 2013, , .		1
79	Real-time smooth task transitions for hierarchical inverse kinematics. , 2013, , .		23
80	Time-parametrization control of quadrotors with a robust quaternion-based sliding mode controller for aggressive maneuvering. , 2013, , .		8
81	Modular Platform for Haptic Guidance in Paediatric Rehabilitation of Upper Limb Neuromuscular Disabilities. Biosystems and Biorobotics, 2013, , 923-928.	0.2	4
82	Robotic Design of an Upper Limb Exoskeleton for Motion Analysis and Rehabilitation of Paediatric Neuromuscular Disorders. Biosystems and Biorobotics, 2013, , 265-269.	0.2	2
83	NASA-TLX Assessment of Modern Close Loop Controllers in Haptic Guidance for Assisted Rehabilitation. Biosystems and Biorobotics, 2013, , 243-247.	0.2	1
84	Online identification for auto-tuning PID based on wavelet neural networks: An experimental validation on an AC motor. , 2013, , .		2
85	Manipulation with soft-fingertips for safe pHRI. , 2012, , .		1
86	Dynamic self-tuning PD control for tracking of robot manipulators. , 2012, , .		2
87	Toward force control of a quadrotor UAV in SE(3). , 2012, , .		5
88	Continuous reactive-based position-attitude control of quadrotors. , 2012, , .		15
89	Position Tracking With Time-Varying Desired Yaw of Quadrotors: Basics and Applications in SE(3). , 2012, , .		3
90	Improving physical human-robot interaction through viscoelastic soft fingertips. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
91	Cartesian sliding PID control schemes for tracking robots with uncertain Jacobian. Transactions of the Institute of Measurement and Control, 2012, 34, 448-462.	1.1	13
92	Time parametrization of prioritized inverse kinematics based on terminal attractors. , 2011, , .		4
93	A model-free backstepping with integral sliding mode control for underactuated ROVs. , 2011, , .		7
94	Task-space neuro-sliding mode control of robot manipulators under Jacobian uncertainties. International Journal of Control, Automation and Systems, 2011, 9, 895-904.	1.6	10
95	Design Parametrization for Dynamically Similar Delayed Teleoperation Systems. Lecture Notes in Electrical Engineering, 2011, , 143-155.	0.3	3
96	Time parametrization of prioritized inverse kinematics based on terminal attractors. , 2011, , .		0
97	Haptic training method for a therapy on upper limb. , 2010, , .		4
98	Simultaneous local motion planning and control for cooperative redundant arms. , 2010, , .		2
99	Human training using HRI approach based on Fuzzy ARTMap networks. , 2010, , .		1
100	Human training using HRI approach based on fuzzy ARTMap networks. , 2010, , .		0
101	Bounded-time system identification under neuro-sliding training. , 2009, , .		0
102	Dynamic coupling haptic suturing based on orthogonal decomposition. , 2009, , .		2
103	Active mechanical compensation to obtain gravity-free robots: Modeling, control, design and preliminary experimental results. , 2009, , .		1
104	Active and efficient motor skill learning method used in a haptic teleoperated system. , 2009, , .		6
105	A Neuro-Sliding Mode Control Scheme for Constrained Robots with Uncertain Jacobian. Journal of Intelligent and Robotic Systems: Theory and Applications, 2009, 54, 689-708.	2.0	14
106	A mechatronic analysis and synthesis of human walking gait. , 2009, , .		1
107	Haptic guidance of Light-Exoskeleton for arm-rehabilitation tasks. , 2009, , .		22
108	Haptic Guidance Based on Sub-optimal Passivity Control. , 2009, , .		3

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109	Haptic Teleoperated Robotic System for an Effective Obstacle Avoidance. , 2009, , .		6
110	PHANToM OMNI Haptic Device: Kinematic and Manipulability. , 2009, , .		106
111	Regressor-free force/position control of fixed-base exoskeletons for rehabilitation tasks. , 2009, , .		6
112	Robust Tracking of the Lightâ€“Exoskeleton for Arm Rehabilitation Tasks* *This work is partially supported by Skills-IP project and Scuola Superiore Sant'Anna.. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 663-668.	0.4	6
113	Tracking of Constrained Submarine Robot Arms. Lecture Notes in Electrical Engineering, 2009, , 207-222.	0.3	2
114	Dexterous Cooperative Manipulation with Redundant Robot Arms. Lecture Notes in Computer Science, 2009, , 910-917.	1.0	3
115	Non-Invasive Biomechanical Device for the Club-Foot Medical Treatment: A Robotic Rehabilitation Analysis. , 2008, , .		1
116	Haptic cues for effective learning in 3D maze navigation. , 2008, , .		6
117	Force-position exponential tracking of redundant manipulators with model-free sliding PD control. , 2008, , .		0
118	Minimum set of feedback sensors for high performance decentralized cooperative force control of redundant manipulators. , 2008, , .		4
119	Global Asymptotic Saturated Output Feedback Control of Robot Manipulators. , 2008, , .		2
120	Nonlinear Discrete-Time Adaptive Controller Based on Fuzzy Rules Emulated Network and Its Estimated Gradient. , 2008, , .		0
121	Project-oriented Low Cost Autonomous Underwater Vehicle with Servo-visual Control for Mechatronics Curricula. , 2008, , 41-50.		1
122	A NEW APPROACH FOR MODELING, SIMULATION AND CONTROL OF COMPLEX ELECTROMECHANICAL SYSTEMS: THE COMPUTATIONAL MECHATRONICS SCHEME. , 2007, , .		0
123	Observer-based sliding mode impedance control of bilateral teleoperation under constant unknown time delay. Robotics and Autonomous Systems, 2007, 55, 609-617.	3.0	76
124	Cartesian Sliding PID Control Under Jacobian Uncertainty of Robotics Hands: Executing Transition Tasks. , 2006, , .		0
125	Bilateral Cartesian sliding PID force/position control for tracking in finite time of master-slave systems. , 2006, , .		7
126	Visual servoing for constrained planar robots subject to complex friction. IEEE/ASME Transactions on Mechatronics, 2006, 11, 389-400.	3.7	22



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127	ROBUST BILATERAL TELEOPERATION CONTROL UNDER UNKNOWN CONSTANT TIME DELAY WITHOUT VELOCITY MEASUREMENTS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 468-475.	0.4	3
128	A computational mechatronics approach for the analysis, synthesis and design of a simple active biped robot: Theory and experiments. Applied Bionics and Biomechanics, 2006, 3, 121-130.	0.5	0
129	Cartesian control of robots without dynamic model and observer design. Automatica, 2006, 42, 473-480.	3.0	29
130	Global Uncalibrated Visual Servoing for Constrained Robots Working on an Uncalibrated Environments. , 2006, , .		3
131	Observer-based Higher-Order Sliding Mode Impedance Control of Bilateral Teleoperation under Constant Unknown Time Delay. , 2006, , .		8
132	Orthogonalization Principle for Dynamic Visual Servoing of Constrained Robot Manipulators. , 2006, , 83-105.		0
133	ADAPTIVE VISUAL SERVOING FOR CONSTRAINED ROBOTS UNDER JACOBIAN, JOINT DYNAMIC AND CONTACT VISCOUS FRICTION UNCERTAINTIES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 328-333.	0.4	1
134	IDENTIFICATION OF THE HUMAN BEHAVIOR IN VIRTUAL ENVIRONMENT TASKS AS A NON-LINEAR CONTROL BLOCK. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 42-47.	0.4	5
135	CARTESIAN SLIDING PD FORCE-POSITION CONTROL FOR CONSTRAINED ROBOTS UNDER JACOBIAN UNCERTAINTY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 145-150.	0.4	3
136	A HAPTIC EXCAVATOR SYSTEM WITH ACTIVE MASSES UNDER SLIDING MODE PD FORCE/FORCE-POSITION CONTROL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 517-522.	0.4	1
137	SECOND ORDER SLIDING MODE ADAPTIVE NEUROCONTROL FOR ROBOT ARMS WITH FINITE TIME CONVERGENCE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 235-240.	0.4	1
138	Uncalibrated image-based position-force adaptive visual servoing for constrained robots under dynamic friction uncertainties. , 2005, , .		7
139	Decentralized sliding force/position PD control of cooperative robots in operational space under Jacobian uncertainty. , 2005, , .		1
140	Cartesian sliding PID force/position control for transparent bilateral teleoperation. , 2005, , .		14
141	Second Order Sliding Mode Neural Network-Based Visual Servoing of Robot Hands With Fast Manipulation, Including Transition. , 2005, , .		0
142	On the Control of Cooperative Robots Without Velocity Measurements. IEEE Transactions on Control Systems Technology, 2004, 12, 600-608.	3.2	43
143	Dynamic sliding PID control for tracking of robot manipulators: theory and experiments. IEEE Transactions on Automation Science and Engineering, 2003, 19, 967-976.	2.4	275
144	Haptic Remote Guided Exploration of Deformable Objects. , 2003, , 793.		6

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145	Chattering-free sliding mode control for a class of nonlinear mechanical systems. International Journal of Robust and Nonlinear Control, 2001, 11, 1161-1178.	2.1	66
146	Perfect position/force tracking of robots with dynamical terminal sliding mode control. Journal of Field Robotics, 2001, 18, 517-532.	0.7	24
147	Second Order Sliding Mode Control for Robot Arms with Time Base Generators for Finite-Time Tracking. Journal of Dynamical and Control Systems, 2001, 11, 175-186.	0.4	36
148	High Precision Constrained Grasping with Cooperative Adaptive Handcontrol. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 32, 235-254.	2.0	38
149	Adaptive compensation of dynamic friction in finite time of 1 DOF mechanical system. , 2001, , .		8
150	Sliding Modes with Continuous Controllers for Robot Manipulators: Theory and Experiments. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 49-55.	0.4	1
151	Finite-time Tracking for Robot Manipulators with Continuous Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 165-170.	0.4	2
152	Decentralized adaptive control of multiple manipulators in co-operations. International Journal of Control, 1997, 67, 649-674.	1.2	65
153	A passivity-based adaptive sliding mode position-force control for robot manipulators. International Journal of Adaptive Control and Signal Processing, 1996, 10, 365-377.	2.3	38
154	An exponentially convergent adaptive sliding mode control of robot manipulators. International Journal of Systems Science, 1995, 26, 2263-2276.	3.7	11
155	A Class of Quasi-Natural Potentials for Robot Servo-Loops and its Role in Adaptive and Learning Controls. Intelligent Automation and Soft Computing, 1995, 1, 85-98.	1.6	12
156	Hyper-stable Servo Controllers without Velocity Measurement for a Class of Nonlinear Mechanical Systems. Transactions of the Society of Instrument and Control Engineers, 1995, 31, 1666-1671.	0.1	0
157	Model-based adaptive hybrid control for robot manipulators under holonomic constraints. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 475-480.	0.4	5
158	Discontinuous model-based adaptive control for robots executing free and constrained tasks. , 0, , .		26
159	Variable structure robot control undergoing chattering attenuation: adaptive and nonadaptive cases. , 0, , .		15
160	Adaptive control for robot manipulators with sliding mode error coordinate system: free and constrained motions. , 0, , .		12
161	Adaptive distributed cooperation controller for multiple manipulators. , 0, , .		5
162	Adaptive control with impedance of cooperative multi-robot system. , 0, , .		4

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163	Finite-time tracking for robot manipulators with singularity-free continuous control: a passivity-based approach. , 0, , .		3
164	Chattering-free dynamical TBC adaptive sliding mode control of robot arms with dynamic friction for tracking in finite-time. , 0, , .		4
165	Nonlinear PID control with sliding modes for tracking of robot manipulators. , 0, , .		6
166	Decentralized model-free continuous control for robot manipulators: tracking in finite time. , 0, , .		2
167	Regressor-free second order sliding mode control for exponential tracking of constrained robot manipulators. , 0, , .		3
168	Sliding PID uncalibrated visual servoing for finite-time tracking of planar robots. , 0, , .		7
169	Texture, roughness, and shape haptic perception of deformable virtual objects with constrained Lagrangian formulation. , 0, , .		4
170	Adaptive sliding mode uncalibrated visual servoing for finite-time tracking of 2D robot. , 0, , .		1
171	Experimental issues of finite time compensation of dynamic friction for robots. , 0, , .		3
172	Cartesian neuro-sliding PID control of robots for tracking under inverse Jacobian uncertainty. , 0, , .		0
173	Dynamical image-based PID uncalibrated visual servoing with fixed camera for tracking of planar robots with a heuristical predictor. , 0, , .		7
174	Image-based visual/force/position control under parametric uncertainties of camera and robot arm. , 0, , .		1
175	Dynamic haptic training system for the operation of an excavator. , 0, , .		5
176	An adaptive neural network controller for visual tracking of constrained robot manipulators. , 0, , .		6
177	Image-based Adaptive Visual Servoing of 2D Robots under Jacobian and Dynamic Friction Uncertainties: Theory and Experiments. , 0, , .		2
178	Experimental study on image-based position-force adaptive visual servoing for constrained robots under Jacobian and dynamic friction uncertainties. , 0, , .		1
179	Integration of force-position control and haptic interface facilities for a virtual excavator simulator. , 0, , .		4
180	Visual servoing for constrained robots: a new complete theoretical framework and its experimental validation. , 0, , .		2

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181	Higher-order sliding mode impedance bilateral teleoperation with robust state estimation under constant unknown time delay. , 0, , .		13
182	Continuous fractional sliding mode-like control for exact rejection of non-differentiable Hölder disturbances. IMA Journal of Mathematical Control and Information, 0, , dnv064.	1.1	8
183	High-gain PI-like control of Euler–Lagrange mechanical systems: Simulations and experiments in 2DoF robotic manipulators. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 0, , 095965182110466.	0.7	1
184	Integration of force-position control and haptic interface facilities for a virtual excavator simulator. , 0, , .		0