

# Asier Ibeas

## List of Publications by Year in descending order

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215  
papers

2,119  
citations

218592

26  
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docs citations

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times ranked

1441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Control Design of Impulsive SQEIR Epidemic Models with Application to COVID-19. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110054.	2.5	70
2	Exponential stability of hybrid switched nonlinear singular systems with time-varying delay. <i>Journal of the Franklin Institute</i> , 2013, 350, 171-193.	1.9	62
3	Adaptive Fractional Order Terminal Sliding Mode Control of a Doubly Fed Induction Generator-Based Wind Energy System. <i>IEEE Access</i> , 2017, 5, 21368-21381.	2.6	60
4	Adaptive neural output-feedback control for nonstrict-feedback time-delay fractional-order systems with output constraints and actuator nonlinearities. <i>Neural Networks</i> , 2018, 105, 256-276.	3.3	58
5	On vaccination controls for the SEIR epidemic model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 2637-2658.	1.7	57
6	Neural adaptive quantized output-feedback control-based synchronization of uncertain time-delay incommensurate fractional-order chaotic systems with input nonlinearities. <i>Neurocomputing</i> , 2017, 237, 200-225.	3.5	52
7	On the stability of an SEIR epidemic model with distributed time-delay and a general class of feedback vaccination rules. <i>Applied Mathematics and Computation</i> , 2015, 270, 953-976.	1.4	51
8	Robustly stable multiestimation scheme for adaptive control and identification with model reduction issues. <i>Discrete Dynamics in Nature and Society</i> , 2005, 2005, 31-67.	0.5	49
9	Stability analysis of hybrid switched nonlinear singular time-delay systems with stable and unstable subsystems. <i>International Journal of Systems Science</i> , 2014, 45, 1128-1144.	3.7	46
10	Robustly Stable Adaptive Control of a Tandem of Master-Slave Robotic Manipulators With Force Reflection by Using a Multiestimation Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006, 36, 1162-1179.	5.5	44
11	Exponential stability of simultaneously triangularizable switched systems with explicit calculation of a common Lyapunov function. <i>Applied Mathematics Letters</i> , 2009, 22, 1549-1555.	1.5	44
12	Inventory control for the supply chain: An adaptive control approach based on the identification of the lead-time. <i>Omega</i> , 2012, 40, 314-327.	3.6	44
13	Switched nonlinear singular systems with time-delay: Stability analysis. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 1497-1513.	2.1	44
14	Neuro-adaptive tracking control of non-integer order systems with input nonlinearities and time-varying output constraints. <i>Information Sciences</i> , 2019, 485, 170-199.	4.0	41
15	On the Existence of Equilibrium Points, Boundedness, Oscillating Behavior and Positivity of a SVEIRS Epidemic Model under Constant and Impulsive Vaccination. <i>Advances in Difference Equations</i> , 2011, 2011, 1-32.	3.5	39
16	Inventory control of supply chains: Mitigating the bullwhip effect by centralized and decentralized Internal Model Control approaches. <i>European Journal of Operational Research</i> , 2013, 224, 261-272.	3.5	38
17	Maximum Power Point Tracking of Photovoltaic Panels by Using Improved Pattern Search Methods. <i>Energies</i> , 2017, 10, 1316.	1.6	38
18	On a Generalized Time-Varying SEIR Epidemic Model with Mixed Point and Distributed Time-Varying Delays and Combined Regular and Impulsive Vaccination Controls. <i>Advances in Difference Equations</i> , 2010, 2010, 1-42.	3.5	37

#	ARTICLE	IF	CITATIONS
19	Neural network controller design for fractional-order systems with input nonlinearities and asymmetric time-varying Pseudo-state constraints. <i>Chaos, Solitons and Fractals</i> , 2021, 144, 110742.	2.5	35
20	On singular hybrid switched and impulsive systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 437-465.	2.1	34
21	On a Generalized Time-Varying SEIR Epidemic Model with Mixed Point and Distributed Time-Varying Delays and Combined Regular and Impulsive Vaccination Controls. <i>Advances in Difference Equations</i> , 2010, 2010, 281612.	3.5	34
22	Observer-based adaptive neural network control for a class of MIMO uncertain nonlinear time-delay non-integer-order systems with asymmetric actuator saturation. <i>Neural Computing and Applications</i> , 2017, 28, 993-1010.	3.2	32
23	On a New Epidemic Model with Asymptomatic and Dead-Infective Subpopulations with Feedback Controls Useful for Ebola Disease. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-22.	0.5	32
24	On the Global Asymptotic Stability of Switched Linear Time-Varying Systems with Constant Point Delays. <i>Discrete Dynamics in Nature and Society</i> , 2008, 2008, 1-31.	0.5	28
25	Stability Results for Switched Linear Systems with Constant Discrete Delays. <i>Mathematical Problems in Engineering</i> , 2008, 2008, 1-28.	0.6	28
26	An observer-based vaccination control law for an SEIR epidemic model based on feedback linearization techniques for nonlinear systems. <i>Advances in Difference Equations</i> , 2012, 2012, .	3.5	27
27	Ocean Thermal Energy Conversion and Other Uses of Deep Sea Water: A Review. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 356.	1.2	27
28	Feedback linearization-based vaccination control strategies for true-mass action type SEIR epidemic models. <i>Nonlinear Analysis: Modelling and Control</i> , 2011, 16, 283-314.	1.1	27
29	Stable multi-estimation model for single-input single-output discrete adaptive control systems. <i>International Journal of Systems Science</i> , 2004, 35, 479-501.	3.7	24
30	Stability analysis and observer design for discrete-time SEIR epidemic models. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	24
31	Robust Sliding Control of SEIR Epidemic Models. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-11.	0.6	23
32	Observer-based adaptive PI sliding mode control of developed uncertain SEIAR influenza epidemic model considering dynamic population. <i>Journal of Theoretical Biology</i> , 2019, 482, 109984.	0.8	23
33	Robust Control of Grid-Tied Parallel Inverters Using Nonlinear Backstepping Approach. <i>IEEE Access</i> , 2019, 7, 111982-111992.	2.6	23
34	On Confinement and Quarantine Concerns on an SEIAR Epidemic Model with Simulated Parameterizations for the COVID-19 Pandemic. <i>Symmetry</i> , 2020, 12, 1646.	1.1	23
35	On an SE(Is)(Ih)AR epidemic model with combined vaccination and antiviral controls for COVID-19 pandemic. <i>Advances in Difference Equations</i> , 2021, 2021, 92.	3.5	23
36	On the discretization and control of an SEIR epidemic model with a periodic impulsive vaccination. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 42, 247-274.	1.7	22

#	ARTICLE	IF	CITATIONS
37	On a SIR Model in a Patchy Environment Under Constant and Feedback Decentralized Controls with Asymmetric Parameterizations. <i>Symmetry</i> , 2019, 11, 430.	1.1	21
38	Artificial Neural Network Based Adaptive Control of Single Phase Dual Active Bridge With Finite Time Disturbance Compensation. <i>IEEE Access</i> , 2019, 7, 112229-112239.	2.6	20
39	On the stability properties of linear dynamic time-varying unforced systems involving switches between parameterizations from topologic considerations via graph theory. <i>Discrete Applied Mathematics</i> , 2007, 155, 7-25.	0.5	19
40	On an SEIADR epidemic model with vaccination, treatment and dead-infectious corpses removal controls. <i>Mathematics and Computers in Simulation</i> , 2019, 163, 47-79.	2.4	18
41	On a New Discrete SEIADR Model with Mixed Controls: Study of Its Properties. <i>Mathematics</i> , 2019, 7, 18.	1.1	17
42	Multimodel-based techniques for the identification and adaptive control of delayed multi-input multi-output systems. <i>IET Control Theory and Applications</i> , 2011, 5, 188.	1.2	16
43	Improving the Hardware Complexity by Exploiting the Reduced Dynamics-Based Fractional Order Systems. <i>IEEE Access</i> , 2017, 5, 7714-7723.	2.6	16
44	On-line delay estimation for stable, unstable and integrating systems under step response. <i>ISA Transactions</i> , 2012, 51, 351-361.	3.1	15
45	Identification and control of integrative MIMO systems using pattern search algorithms: An application to irrigation channels. <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 334-346.	4.3	15
46	Robust Sliding Control of Robotic Manipulators Based on a Heuristic Modification of the Sliding Gain. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 48, 485-511.	2.0	14
47	Identification of quantitative trait loci involved in the response of common bean to <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> . <i>Molecular Breeding</i> , 2014, 33, 577-588.	1.0	14
48	A Robustly Stable Multiestimation-Based Adaptive Control Scheme for Robotic Manipulators. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2006, 128, 414-421.	0.9	13
49	On the Stability and Equilibrium Points of Multistaged $\dots$ $\text{stretchy}=\text{"false"}\rangle\langle\text{/mml:mo}\rangle\langle\text{mml:mi}\rangle\text{n}\langle\text{/mml:mi}\rangle\langle\text{mml:mo}\rangle\text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 252 Td (stretchy}=\text{"false"}\text{"}$	0.5	13
50	<i>Nature and Society</i> , 2015, 2015, 1-15. On the asymptotic hyperstability of switched systems under integral-type feedback regulation Popovian constraints. <i>IMA Journal of Mathematical Control and Information</i> , 2015, 32, 359-386.	1.1	13
51	Vaccination controllers for SEIR epidemic models based on fractional order dynamics. <i>Biomedical Signal Processing and Control</i> , 2017, 38, 136-142.	3.5	13
52	Some Formal Results on Positivity, Stability, and Endemic Steady-State Attainability Based on Linear Algebraic Tools for a Class of Epidemic Models with Eventual Incommensurate Delays. <i>Discrete Dynamics in Nature and Society</i> , 2019, 2019, 1-22.	0.5	13
53	On a Discrete SEIR Epidemic Model with Two-Doses Delayed Feedback Vaccination Control on the Susceptible. <i>Vaccines</i> , 2021, 9, 398.	2.1	13
54	Model predictive control of cash balance in a cash concentration and disbursements system. <i>Journal of the Franklin Institute</i> , 2016, 353, 4885-4923.	1.9	12

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55	On the Equilibrium Points, Boundedness and Positivity of a Sveirs Epidemic Model under Constant Regular Constrained Vaccination. <i>Informatica</i> , 2011, 22, 339-370.	1.5	12
56	Chattering-free robust finite-time output feedback control scheme for a class of uncertain nonlinear systems. <i>IET Control Theory and Applications</i> , 2020, 14, 3168-3178.	1.2	12
57	A stable multimodel scheme control for the regulation of the transient behavior of a tunnel-diode trigger circuit. <i>ISA Transactions</i> , 2007, 46, 313-326.	3.1	11
58	Stability Results of a Class of Hybrid Systems under Switched Continuous-Time and Discrete-Time Control. <i>Discrete Dynamics in Nature and Society</i> , 2009, 2009, 1-28.	0.5	11
59	Sliding mode robust control of SEIR epidemic models. , 2013, , .		11
60	A computationally efficient robust voltage control for a single phase dual active bridge. <i>Energy Reports</i> , 2020, 6, 3346-3356.	2.5	11
61	ARTIFICIAL INTELLIGENCE AND GRAPH THEORY TOOLS FOR DESCRIBING SWITCHED LINEAR CONTROL SYSTEMS. <i>Applied Artificial Intelligence</i> , 2006, 20, 703-741.	2.0	10
62	Multi-Model Smith Predictor Based Control of Multivariable Systems with Uncertain Bounded External Delays. <i>IEEE Latin America Transactions</i> , 2009, 7, 42-53.	1.2	10
63	Identification and control of delayed SISO systems through pattern search methods. <i>Journal of the Franklin Institute</i> , 2013, 350, 3128-3148.	1.9	9
64	Variation in morphological traits among <i>Thymus mastichina</i> (L.) L. populations. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 1257-1267.	0.8	9
65	Discrete-time observer-based state feedback control of heart rate during treadmill exercise. , 2016, , .		9
66	Quantized Adaptive Decentralized Control for a Class of Interconnected Nonlinear Systems With Hysteretic Actuators Faults. <i>IEEE Access</i> , 2018, 6, 6572-6584.	2.6	9
67	A switched multicontroller for an SEIADR epidemic model with monitored equilibrium points and supervised transients and vaccination costs. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	9
68	On an Sir Epidemic Model for the COVID-19 Pandemic and the Logistic Equation. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-17.	0.5	9
69	On the Use of Entropy Issues to Evaluate and Control the Transients in Some Epidemic Models. <i>Entropy</i> , 2020, 22, 534.	1.1	9
70	On a Discrete SEIR Epidemic Model with Exposed Infectivity, Feedback Vaccination and Partial Delayed Re-Susceptibility. <i>Mathematics</i> , 2021, 9, 520.	1.1	9
71	Robust impedance control of robotic manipulators. , 2004, , .		8
72	A switched control strategy for inventory control of the supply chain. <i>Journal of Process Control</i> , 2013, 23, 868-880.	1.7	8

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73	Observer design for SEIR discrete-time epidemic models. , 2014, , .		8
74	P-PI and super twisting sliding mode control schemes comparison for high-precision CNC machining. , 2016, , .		8
75	MPPT of a Photovoltaic Panels Array with Partial Shading Using the IPSM with Implementation Both in Simulation as in Hardware. Energies, 2020, 13, 815.	1.6	8
76	Processor in the Loop Verification of Fault Tolerant Control for a Three Phase Inverter in Grid Connected PV System. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 3760-3776.	1.2	8
77	A Tunnel-diode Trigger Circuit Using a Regulation Multimodel Scheme. , 2006, , .		7
78	Controller parameters dependence on model information through dimensional analysis. , 2009, , .		7
79	Observer-Based Vaccination Strategy for a True Mass Action SEIR Epidemic Model with Potential Estimation of All the Populations. Discrete Dynamics in Nature and Society, 2011, 2011, 1-19.	0.5	7
80	Results on proximal and generalized weak proximal contractions including the case of iteration-dependent range sets. Fixed Point Theory and Applications, 2014, 2014, .	1.1	7
81	On a generalized SVEIR epidemic model under regular and adaptive impulsive vaccination. Nonlinear Analysis: Modelling and Control, 2014, 19, 83-108.	1.1	7
82	Intelligent Control of Discrete Linear Systems Based on a Supervised Adaptive Multiestimation Scheme. Journal of Intelligent and Robotic Systems: Theory and Applications, 2004, 40, 359-411.	2.0	6
83	A 2DOF $H_{\infty}$ robust tracking design for a special type of observed state feedback controllers. , 2008, , .		6
84	Best proximity and fixed point results for cyclic multivalued mappings under a generalized contractive condition. Fixed Point Theory and Applications, 2013, 2013, .	1.1	6
85	A vaccination strategy based on linearization control techniques for fighting against epidemic diseases propagation. Advances in Difference Equations, 2013, 2013, .	3.5	6
86	Properties of convergence of a class of iterative processes generated by sequences of self-mappings with applications to switched dynamic systems. Journal of Inequalities and Applications, 2014, 2014, .	0.5	6
87	Switched impulsive control of the endocrine disruptor diethylstilbestrol singular model. AIP Conference Proceedings, 2014, , .	0.3	6
88	Parametrical Non-Complex Tests to Evaluate Partial Decentralized Linear-Output Feedback Control Stabilization Conditions from Their Centralized Stabilization Counterparts. Applied Sciences (Switzerland), 2019, 9, 1739.	1.3	6
89	Multiple-Delay Smith Predictor Based Control of LTI Systems with Bounded Uncertain Delay. , 2007, , .		5
90	Control configuration for inverse response processes. , 2008, , .		5

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91	General Smith Predictors from an Observer-Controller perspective. , 2009, , .		5
92	Asymptotically non-expansive self-maps and global stability with ultimate boundedness of dynamic systems. Applied Mathematics and Computation, 2013, 219, 10655-10667.	1.4	5
93	A time-varying SIS epidemic model with incidence rate depending on the susceptible and infective populations with eventual impulsive effects. Applied Mathematics and Computation, 2013, 219, 5516-5536.	1.4	5
94	Robust discrete-time linear control of heart rate during treadmill exercise. , 2016, , .		5
95	A closed loop robust control system for electrosurgical generators. , 2020, , 149-168.		5
96	On a new SEIRDE epidemic model eventually initiated from outside with delayed re-susceptibility and vaccination and treatment feedback controls. Physica Scripta, 2021, 96, 095002.	1.2	5
97	Representations of Multi-Model Based Controllers by Using Artificial Intelligence Tools. Informatica, 2004, 15, 337-362.	1.5	5
98	Control deslizante fraccionario de la trayectoria y orientaci3n de un quadrotor con cargas suspendidas desconocidas. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2019, 16, 321.	0.6	5
99	A multiestimation-based scheme for modelling single-input single-output discrete adaptive control systems. Applied Mathematical Modelling, 2006, 30, 765-798.	2.2	4
100	Observer-Controller Design for a Class of Stable/Unstable Inverse Response Processes. Industrial & Engineering Chemistry Research, 2009, 48, 10986-10993.	1.8	4
101	Digital inverse model control using Generalised holds with extensions to the adaptive case. International Journal of Control, Automation and Systems, 2010, 8, 707-719.	1.6	4
102	Identification and adaptive control of delayed unstable systems. , 2010, , .		4
103	Stability and Limit Oscillations of a Control Event-Based Sampling Criterion. Journal of Applied Mathematics, 2012, 2012, 1-25.	0.4	4
104	Superstability of linear switched systems. International Journal of Systems Science, 2014, 45, 2402-2410.	3.7	4
105	Generalized Pattern Search Methods for control of stable, unstable and integrating systems with unknown delay under step input. Mathematics and Computers in Simulation, 2015, 115, 37-48.	2.4	4
106	On the global stability of an iterative scheme in a probabilistic Menger space. Journal of Inequalities and Applications, 2015, 2015, .	0.5	4
107	Observer-Based Impulsive Controller Design for Treatment of Hepatitis C Disease. Industrial & Engineering Chemistry Research, 2020, 59, 19370-19382.	1.8	4
108	On a Controlled Se(Is)(Ih)(Iicu)AR Epidemic Model with Output Controllability Issues to Satisfy Hospital Constraints on Hospitalized Patients. Algorithms, 2020, 13, 322.	1.2	4

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109	On the Entropy of Events under Eventually Global Inflated or Deflated Probability Constraints. Application to the Supervision of Epidemic Models under Vaccination Controls. <i>Entropy</i> , 2020, 22, 284.	1.1	4
110	About Partial Reachability Issues in an SEIR Epidemic Model and Related Infectious Disease Tracking in Finite Time under Vaccination and Treatment Controls. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-21.	0.5	4
111	Optimal Allocation of Vaccine and Antiviral Drugs for Influenza Containment over Delayed Multiscale Epidemic Model considering Time-Dependent Transmission Rate. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-27.	0.7	4
112	Adaptive control for stabilizing possibly inversely unstable continuous-time plants by using multirate input and fractional-order holds. , 2006, , .		3
113	Smith Predictor based intelligent control of multiple-input-multiple-output systems with unknown delays. , 2008, , .		3
114	Stability analysis for the intermediate servo/regulation PID tuning. , 2009, , .		3
115	Multimodel-based techniques for the identification of the delay in MIMO systems. , 2010, , .		3
116	Identification and control of delayed unstable and integrative LTI MIMO systems using pattern search methods. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	3
117	Adaptive control of SEIR discrete-time epidemic models. , 2014, , .		3
118	Particle Swarm Optimization modelling of the heart rate response in treadmill exercise. , 2016, , .		3
119	A Supervised Multi-control for Monitoring the Antiviral Treatment Strategy for an SEIADR Epidemic Model. , 2018, , .		3
120	Hierarchical Optimization-Based Model Predictive Control for a Class of Discrete Fuzzy Large-Scale Systems Considering Time-Varying Delays and Disturbances. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2107-2130.	2.3	3
121	Economic Viability Analysis for an OTEC Power Plant at San Andrés Island. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 713.	1.2	3
122	A multiestimation-based scheme for robustly stable adaptive control of robotic manipulators. , 0, , .		2
123	Discrete-Time Model Reference Control of Milling Forces under Fractional Order Holds. Part II: Extensions to Adaptive Control. , 2006, , .		2
124	Stable genetic adaptive controllers for multivariable systems using a two-degree-of-freedom topology. <i>Engineering Applications of Artificial Intelligence</i> , 2010, 23, 41-47.	4.3	2
125	Stability of switched linear discrete-time descriptor systems with explicit calculation of a common quadratic Lyapunov sequence. , 2010, , .		2
126	Analytic Comparison of Some Epidemic Models with Vaccination. <i>Physics Procedia</i> , 2011, 22, 20-39.	1.2	2



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127	Lead-time identification for inventory control of the supply chain. , 2012, , .		2
128	Asymptotic Hyperstability of a Class of Linear Systems under Impulsive Controls Subject to an Integral Popovian Constraint. Abstract and Applied Analysis, 2013, 2013, 1-14.	0.3	2
129	A Data Dropout Compensation Algorithm Based on the Iterative Learning Control Methodology for Discrete-Time Systems. Mathematical Problems in Engineering, 2015, 2015, 1-16.	0.6	2
130	On the stability of a delayed SEIR epidemic model with feedback vaccination controls. , 2015, , .		2
131	A simulation model for a Cash Concentration and Disbursements System. , 2015, , .		2
132	Discretization and control of an SEIR epidemic model under equilibrium Wiener noise disturbances. AIP Conference Proceedings, 2017, , .	0.3	2
133	Output-Feedback Controller Based Projective Lag-Synchronization of Uncertain Chaotic Systems in the Presence of Input Nonlinearities. Mathematical Problems in Engineering, 2017, 2017, 1-12.	0.6	2
134	About two compared SEIADR and SEIR discrete epidemic models. , 2019, , .		2
135	On the Properties of a Class of Impulsive Competition Beverton-Holt Equations. Applied Sciences (Switzerland), 2021, 11, 9020.	1.3	2
136	A semiempirical identification method by using a multiestimation technique via reduced-order nominal models. , 2004, , .		2
137	New Results on Positive Realness in the Presence of Delayed Dynamics. Engineering Journal, 2019, 23, 75-94.	0.5	2
138	On the Supervision of a Saturated SIR Epidemic Model with Four Joint Control Actions for a Drastic Reduction in the Infection and the Susceptibility through Time. International Journal of Environmental Research and Public Health, 2022, 19, 1512.	1.2	2
139	Colombian Caribbean Bathymetry for an OTEC System Location. Journal of Marine Science and Engineering, 2022, 10, 519.	1.2	2
140	Current model predictive fault-tolerant control for grid-connected photovoltaic system. AIMS Energy, 2022, 10, 273-291.	1.1	2
141	Discrete multiestimation adaptive control with model reduction. , 0, , .		1
142	A Pole-Placement Based Scheme for Robustly Stable Adaptive Control of Continuous Linear Systems with Multiestimation. , 0, , .		1
143	Artificial Intelligence Techniques For Designing Switched Discrete Adaptive Controllers For Linear Time Invariant Plants. , 0, , .		1
144	Stable Multiestimation-Based Robust Adaptive Control of Two-Link Arm Robotic Manipulators. , 0, , .		1

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145	A multimodel scheme control for a tunnel-diode trigger circuit - extension to the use of butterworth and Chebyshev filters. , 2006, , .		1
146	Validation and improvement of Models in the Frequency Domain. , 2006, , .		1
147	A Semiempirical Reduced-Order Identification Modeling Tool for Partially Unknown Discrete-Time Plants by using a Multi-Estimation Scheme. Instrumentation Science and Technology, 2007, 35, 419-436.	0.9	1
148	On-Line Model Selection Techniques By Using Multiple Models And Supervision Algorithms. , 2008, , .		1
149	Model reduction approach for digital PID control based on generalized holds. , 2009, , .		1
150	On the equilibrium points, boundedness and positivity of a SVEIRS epidemic model under constant regular vaccination. , 2011, , .		1
151	Fixed points and best proximity points in contractive cyclic self-maps satisfying constraints in closed integral form with some applications. Applied Mathematics and Computation, 2013, 219, 5410-5426.	1.4	1
152	Periodic equilibrium states in a SEIR mathematical model of an infectious non-lethal disease. , 2013, , .		1
153	Approximate Solutions by Truncated Taylor Series Expansions of Nonlinear Differential Equations and Related Shadowing Property with Applications. Abstract and Applied Analysis, 2014, 2014, 1-17.	0.3	1
154	A nonlinear SEIR epidemic model with feedback vaccination control. , 2014, , .		1
155	On a new model for Ebola disease. , 2016, , .		1
156	On the Positive Realness of Delayed Systems. , 2018, , .		1
157	Parameter Estimation of Multi-Staged SI(n)RS Epidemic Models. , 2018, , .		1
158	Joint Parameter-State Estimation-Based Control of Heart Rate During Treadmill Exercise. , 2019, , .		1
159	Stage-Dependent Structured Discrete-Time Models for Mosquito Population Evolution with Survivability: Solution Properties, Equilibrium Points, Oscillations, and Population Feedback Controls. Mathematics, 2019, 7, 1181.	1.1	1
160	Supervision of the Infection in an SI (SI-RC) Epidemic Model by Using a Test Loss Function to Update the Vaccination and Treatment Controls. Applied Sciences (Switzerland), 2020, 10, 7183.	1.3	1
161	On the Carrying and Evolution Matrices in Epidemic Models. Journal of Physics: Conference Series, 2021, 1746, 012015.	0.3	1
162	On the Reachability of a Feedback Controlled Leontief-Type Singular Model Involving Scheduled Production, Recycling and Non-Renewable Resources. Mathematics, 2021, 9, 2175.	1.1	1

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163	On Vaccination Controls for the SEIR Epidemic Model. , 2011, , .		1
164	Optimal Control Design of Impulsive SQEIAR Epidemic Models with Application to COVID-19. Studies in Systems, Decision and Control, 2022, , 479-519.	0.8	1
165	State feedback H $\infty$ control for a class of affine nonlinear singular systems: Input restricting approach. IET Control Theory and Applications, 2022, 16, 166-181.	1.2	1
166	A multiestimation-based scheme for adaptive control of robotic manipulators guaranteeing closed-loop stability. , 0, , .		0
167	An expert mill cutter selection system. , 0, , .		0
168	A Multiestimation Scheme Using Different Froh-Discretizations. , 0, , .		0
169	Discrete-time Model Reference Control of Milling Forces under Fractional Order Holds. Part I: Known Plant. , 2006, , .		0
170	A multimodel scheme control for a tunnel-diode trigger circuit. , 2006, , .		0
171	Multiestimation based discrete adaptive control of LTI continuous plants with unknown bounded external time delays. , 2006, , .		0
172	Adaptive Multimodel Estimation for Synthesis of a Robust Stabilizer Under Imperfect Knowledge of the Plant Delay. , 2006, , .		0
173	A robust multiestimation based stable adaptive control scheme for a tandem of master-slave robotic manipulators with force reflection. , 2006, , .		0
174	On the advantage of using explicit plant model information in the 2-DOF controller reference processing components. , 2007, , .		0
175	Adaptive discrete-time inverse model control using generalized holds. , 2009, , .		0
176	About hyperstability and related properties of linear switched systems. , 2010, , .		0
177	A CAD Tool for low-order controller design. , 2010, , .		0
178	Basics on stabilization of discrete switched systems. , 2010, , .		0
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