

Manuel De La Sen

List of Publications by Year in descending order

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879
papers

7,002
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65775

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53
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889
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889
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889
times ranked

3386
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-Wide Identification and Validation of a Novel Methylation Biomarker, SDC2, for Blood-Based Detection of Colorectal Cancer. <i>Journal of Molecular Diagnostics</i> , 2013, 15, 498-507.	2.9	146
2	Rotation-Invariant Texture Image Retrieval Using Rotated Complex Wavelet Filters. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006, 36, 1273-1282.	5.3	118
3	Fischer's Tropsch reaction's diffusion in a cobalt catalyst particle: aspects of activity and selectivity for a variable chain growth probability. <i>Catalysis Science and Technology</i> , 2012, 2, 1221.	4.2	111
4	On orthogonal sets and Banach fixed point theorem. <i>Fixed Point Theory</i> , 2017, 18, 569-578.	0.8	100
5	Sliding-Mode Control of Wave Power Generation Plants. <i>IEEE Transactions on Industry Applications</i> , 2012, 48, 2372-2381.	5.1	90
6	Complementary Control of Oscillating Water Column-Based Wave Energy Conversion Plants to Improve the Instantaneous Power Output. <i>IEEE Transactions on Energy Conversion</i> , 2011, 26, 1021-1032.	5.5	79
7	Second-order counterexamples to the discrete-time Kalman conjecture. <i>Automatica</i> , 2015, 60, 140-144.	5.1	64
8	ROBUST STABILIZATION OF A CLASS OF UNCERTAIN TIME DELAY SYSTEMS IN SLIDING MODE. <i>International Journal of Robust and Nonlinear Control</i> , 1997, 7, 59-74.	3.7	61
9	About Robust Stability of Caputo Linear Fractional Dynamic Systems with Time Delays through Fixed Point Theory. <i>Fixed Point Theory and Applications</i> , 2011, 2011, .	1.1	60
10	The generalized Beverton's Holt equation and the control of populations. <i>Applied Mathematical Modelling</i> , 2008, 32, 2312-2328.	4.3	59
11	On $\tilde{\eta}$ -convex functions. <i>Journal of Mathematical Inequalities</i> , 2016, , 173-183.	0.9	59
12	Preserving Positive Realness Through Discretization. <i>Positivity</i> , 2002, 6, 31-45.	0.7	58
13	Vaccination strategies based on feedback control techniques for a general SEIR-epidemic model. <i>Applied Mathematics and Computation</i> , 2011, 218, 3888-3904.	2.3	58
14	On vaccination controls for the SEIR epidemic model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 2637-2658.	3.3	58
15	Hybrid $\tilde{\eta}$ -Type Graphic $\tilde{\eta}$ -Contraction Mappings with Applications to Electric Circuit and Fractional Differential Equations. <i>Symmetry</i> , 2020, 12, 467.	2.3	57
16	Control issues for the Beverton's Holt equation in ecology by locally monitoring the environment carrying capacity: Non-adaptive and adaptive cases. <i>Applied Mathematics and Computation</i> , 2009, 215, 2616-2633.	2.3	54
17	State feedback sliding mode control of a class of uncertain time delay systems. <i>IEE Proceedings D: Control Theory and Applications</i> , 1993, 140, 261.	0.4	53
18	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.	2.3	53

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19	The reachability and observability of hybrid multirate sampling linear systems. <i>Computers and Mathematics With Applications</i> , 1996, 31, 109-122.	2.8	51
20	Quadratic stability and stabilization of switched dynamic systems with uncommensurate internal point delays. <i>Applied Mathematics and Computation</i> , 2007, 185, 508-526.	2.3	51
21	A note on the stability of linear time-delay systems with impulsive inputs. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003, 50, 149-152.	0.1	49
22	On the uniform exponential stability of a wide class of linear time-delay systems. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 289, 456-476.	1.1	49
23	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.	0.9	49
24	Stability of impulsive time-varying systems and compactness of the operators mapping the input space into the state and output spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 321, 621-650.	1.1	49
25	Multirate hybrid adaptive control. <i>IEEE Transactions on Automatic Control</i> , 1986, 31, 582-586.	6.0	48
26	On the robust adaptive stabilization of a class of nominally first-order hybrid systems. <i>IEEE Transactions on Automatic Control</i> , 1999, 44, 597-602.	6.0	48
27	Can standard operating procedures be motivating? Reconciling process variability issues and behavioural outcomes ¹ . <i>Total Quality Management and Business Excellence</i> , 2005, 16, 231-241.	3.6	48
28	Feasibility of telemedicine intervention for childhood depression. <i>Counselling and Psychotherapy Research</i> , 2006, 6, 191-195.	3.2	48
29	A Control Theory point of view on Bevertonâ€™Holt equation in population dynamics and some of its generalizations. <i>Applied Mathematics and Computation</i> , 2008, 199, 464-481.	2.3	48
30	Stability of composite systems with an asymptotically hyperstable subsystem. <i>International Journal of Control</i> , 1986, 44, 1769-1775.	1.9	47
31	On some structures of stabilizing control laws for linear and time-invariant systems with bounded point delays and unmeasurable states. <i>International Journal of Control</i> , 1994, 59, 529-541.	1.9	46
32	Exponential stability of simultaneously triangularizable switched systems with explicit calculation of a common Lyapunov function. <i>Applied Mathematics Letters</i> , 2009, 22, 1549-1555.	2.8	46
33	Some generalizations of Hermiteâ€™Hadamard type inequalities. <i>SpringerPlus</i> , 2016, 5, 1661.	1.2	46
34	A method for general design of positive real functions. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 1998, 45, 764-769.	0.1	45
35	Robustly Stable Adaptive Control of a Tandem of Masterâ€™Slave Robotic Manipulators With Force Reflection by Using a Multiestimation Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2006, 36, 1162-1179.	5.3	45
36	Sufficiency-Type Stability and Stabilization Criteria for Linear Time-Invariant Systems with Constant Point Delays. <i>Acta Applicandae Mathematicae</i> , 2004, 83, 235-256.	1.0	44

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37	A method for improving the adaptation transient using adaptive sampling. International Journal of Control, 1984, 40, 639-665.	1.9	43
38	Adaptive sampling for improving the adaptation transients in hybrid adaptive control. International Journal of Control, 1985, 41, 1189-1205.	1.9	43
39	Application of the non-periodic sampling to the identifiability and model matching problems in dynamic systems. International Journal of Systems Science, 1983, 14, 367-383.	5.5	42
40	On positivity of singular regular linear time-delay time-invariant systems subject to multiple internal and external incommensurate point delays. Applied Mathematics and Computation, 2007, 190, 382-401.	2.3	42
41	Composite semiactive control of a class of seismically excited structures. Journal of the Franklin Institute, 2001, 338, 225-240.	3.7	41
42	On the Existence of Equilibrium Points, Boundedness, Oscillating Behavior and Positivity of a SVEIRS Epidemic Model under Constant and Impulsive Vaccination. Advances in Difference Equations, 2011, 2011, 1-32.	3.5	41
43	Modelling and Analysis of a Measles Epidemic Model with the Constant Proportional Caputo Operator. Symmetry, 2023, 15, 468.	2.3	41
44	Binary trees with the largest number of subtrees. Discrete Applied Mathematics, 2007, 155, 374-385.	0.9	39
45	Online optimisation of the free parameters in discrete adaptive control systems. IEE Proceedings D: Control Theory and Applications, 1984, 131, 146.	0.4	38
46	Improving the stability properties of the zeros of sampled systems with fractional order hold. IET Control Theory and Applications, 2000, 147, 456-464.	1.7	38
47	On a Generalized Time-Varying SEIR Epidemic Model with Mixed Point and Distributed Time-Varying Delays and Combined Regular and Impulsive Vaccination Controls. Advances in Difference Equations, 2010, 2010, 1-42.	3.5	38
48	On the Limits of Communication Performance with One-Bit Analog-To-Digital Conversion. , 2006, , .		36
49	A Novel Homotopy Perturbation Method with Applications to Nonlinear Fractional Order KdV and Burger Equation with Exponential-Decay Kernel. Journal of Function Spaces, 2021, 2021, 1-11.	0.9	34
50	Hermiteâ€“Hadamard Type Inequalities Involving k-Fractional Operator for $(h\tilde{,}m)$ -Convex Functions. Symmetry, 2021, 13, 1686.	2.3	34
51	Model-Matching-Based Control of the Beverton-Holt Equation in Ecology. Discrete Dynamics in Nature and Society, 2008, 2008, 1-21.	0.9	33
52	Linking Contractive Self-Mappings and Cyclic Meir-Keeler Contractions with Kannan Self-Mappings. Fixed Point Theory and Applications, 2010, 2010, .	1.1	33
53	On a New Epidemic Model with Asymptomatic and Dead-Infective Subpopulations with Feedback Controls Useful for Ebola Disease. Discrete Dynamics in Nature and Society, 2017, 2017, 1-22.	0.9	32
54	A variant of Jensen-type inequality and related results for harmonic convex functions. AIMS Mathematics, 2020, 5, 6404-6418.	1.6	32

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55	Design of linear observers for a class of linear hybrid systems. International Journal of Systems Science, 2000, 31, 1077-1090.	5.5	31
56	A Coupled Fixed Point Technique for Solving Coupled Systems of Functional and Nonlinear Integral Equations. Mathematics, 2019, 7, 634.	2.3	31
57	Basic theoretical results for expert systems. Application to the supervision of adaptation transients in planar robots. Artificial Intelligence, 2004, 152, 173-211.	6.1	29
58	Entropy generation from convective-radiative moving exponential porous fins with variable thermal conductivity and internal heat generations. Scientific Reports, 2022, 12, 1791.	3.4	29
59	Periodic, Singular and Dark Solitons of a Generalized Geophysical KdV Equation by Using the Tanh-Coth Method. Symmetry, 2023, 15, 135.	2.3	29
60	On the Global Asymptotic Stability of Switched Linear Time-Varying Systems with Constant Point Delays. Discrete Dynamics in Nature and Society, 2008, 2008, 1-31.	0.9	28
61	Stability Results for Switched Linear Systems with Constant Discrete Delays. Mathematical Problems in Engineering, 2008, 2008, 1-28.	1.2	28
62	An observer-based vaccination control law for an SEIR epidemic model based on feedback linearization techniques for nonlinear systems. Advances in Difference Equations, 2012, 2012, .	3.5	28
63	A study of fractional order Ambartsumian equation involving exponential decay kernel. AIMS Mathematics, 2021, 6, 9981-9997.	1.6	28
64	A Solution of Fredholm Integral Equation by Using the Cyclic $\hat{\psi}$ -Rational Contractive Mappings Technique in b-Metric-Like Spaces. Symmetry, 2019, 11, 1184.	2.3	27
65	Set-Valued Interpolative Hardy-Rogers and Set-Valued Reich-Rus-Ćiriş-Type Contractions in b-Metric Spaces. Mathematics, 2019, 7, 849.	2.3	27
66	Feedback linearization-based vaccination control strategies for true-mass action type SEIR epidemic models. Nonlinear Analysis: Modelling and Control, 2011, 16, 283-314.	1.8	27
67	Fundamental properties of linear control systems with after-effect. I. Mathematical and Computer Modelling, 1988, 10, 473-489.	1.9	26
68	Discrete element modeling of a mining-induced rock slide. SpringerPlus, 2016, 5, 1633.	1.2	26
69	Solution of Nonlinear Integral Equation via Fixed Point of Cyclic α_{ψ} -Rational Contraction Mappings in Metric-Like Spaces. Bulletin of the Brazilian Mathematical Society, 2020, 51, 81-105.	0.7	26
70	On an SEIR Epidemic Model with Vaccination of Newborns and Periodic Impulsive Vaccination with Eventual On-Line Adapted Vaccination Strategies to the Varying Levels of the Susceptible Subpopulation. Applied Sciences (Switzerland), 2020, 10, 8296.	2.6	26
71	Stable MRAC design for discrete plants with unmodelled dynamics. IEE Proceedings D: Control Theory and Applications, 1987, 134, 145.	0.4	25
72	Short-Term Statistical Forecasts of COVID-19 Infections in India. IEEE Access, 2020, 8, 186932-186938.	4.4	25

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73	Some Fixed Point Theorems of ĀřiriĀř Type in Fuzzy Metric Spaces. Mathematics, 2020, 8, 297.	2.3	25
74	Existence theorem for a unique solution to a coupled system of impulsive fractional differential equations in complex-valued fuzzy metric spaces. Advances in Difference Equations, 2021, 2021, .	3.5	25
75	Stable multi-estimation model for single-input single-output discrete adaptive control systems. International Journal of Systems Science, 2004, 35, 479-501.	5.5	24
76	Model matching via multirate sampling with fast sampled input guaranteeing the stability of the plant zeros: extensions to adaptive control. IET Control Theory and Applications, 2007, 1, 210-225.	2.2	24
77	Robust Sliding Control of SEIR Epidemic Models. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.2	24
78	On an SE(Is)(Ih)AR epidemic model with combined vaccination and antiviral controls for COVID-19 pandemic. Advances in Difference Equations, 2021, 2021, 92.	3.5	24
79	On Confinement and Quarantine Concerns on an SEIAR Epidemic Model with Simulated Parameterizations for the COVID-19 Pandemic. Symmetry, 2020, 12, 1646.	2.3	23
80	Self-Adaptive Global-Best Harmony Search Algorithm-Based Airflow Control of a Wells-Turbine-Based Oscillating-Water Column. Applied Sciences (Switzerland), 2020, 10, 4628.	2.6	23
81	Fixed-Point Results for a Generalized Almost (s, q)Ā€”Jaggi F-Contraction-Type on Ā€”Metric-Like Spaces. Mathematics, 2020, 8, 63.	2.3	23
82	Robust adaptive control of linear time-delay systems with point time-varying delays via multiestimation. Applied Mathematical Modelling, 2009, 33, 959-977.	4.3	22
83	Second-order counterexample to the discrete-time Kalman conjecture. , 2015, , .		22
84	On a SIR Model in a Patchy Environment Under Constant and Feedback Decentralized Controls with Asymmetric Parameterizations. Symmetry, 2019, 11, 430.	2.3	22
85	A New Faster Iterative Scheme for Numerical Fixed Points Estimation of SuzukiĀ€”s Generalized Nonexpansive Mappings. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.2	22
86	Shrinking Projection Methods for Accelerating Relaxed Inertial Tseng-Type Algorithm with Applications. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.2	22
87	Adaptive control based on special compensation methods for time-varying systems subject to bounded disturbances. International Journal of Control, 1995, 61, 667-694.	1.9	21
88	Tripled fixed point techniques for solving system of tripled-fractional differential equations. AIMS Mathematics, 2020, 6, 2330-2343.	1.6	21
89	A new modelling for aperiodic sampling systems. International Journal of Systems Science, 1984, 15, 315-328.	5.5	20
90	On the stability properties of linear dynamic time-varying unforced systems involving switches between parameterizations from topologic considerations via graph theory. Discrete Applied Mathematics, 2007, 155, 7-25.	0.9	20

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91	Model-based expert system to automatically adapt milling forces in Pareto optimal multi-objective working points. <i>Expert Systems With Applications</i> , 2013, 40, 2312-2322.	7.9	20
92	Coincidence point theorems in quasi-metric spaces without assuming the mixed monotone property and consequences in G-metric spaces. <i>Fixed Point Theory and Applications</i> , 2014, 2014, .	1.1	20
93	Solutions of Fractional Differential Type Equations by Fixed Point Techniques for Multivalued Contractions. <i>Complexity</i> , 2021, 2021, 1-13.	1.7	20
94	Approximate and Exact Solutions in the Sense of Conformable Derivatives of Quantum Mechanics Models Using a Novel Algorithm. <i>Symmetry</i> , 2023, 15, 744.	2.3	20
95	Positivity and Stability of the Solutions of Caputo Fractional Linear Time-Invariant Systems of Any Order with Internal Point Delays. <i>Abstract and Applied Analysis</i> , 2011, 2011, .	0.7	19
96	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.	4.6	19
97	Advanced Algorithms and Common Solutions to Variational Inequalities. <i>Symmetry</i> , 2020, 12, 1198.	2.3	19
98	New Fixed Point Theorems in Orthogonal F -Metric Spaces with Application to Fractional Differential Equation. <i>Symmetry</i> , 2020, 12, 832.	2.3	19
99	ANN-Based Airflow Control for an Oscillating Water Column Using Surface Elevation Measurements. <i>Sensors</i> , 2020, 20, 1352.	4.0	19
100	Generation of Julia and Mandelbrot Sets via Fixed Points. <i>Symmetry</i> , 2020, 12, 86.	2.3	19
101	A technique of tripled coincidence points for solving a system of nonlinear integral equations in POCML spaces. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	1.1	19
102	A mapping associated to h -convex version of the Hermite-Hadamard inequality with applications. <i>Journal of Mathematical Inequalities</i> , 2020, , 329-335.	0.9	19
103	Allocation of poles of delayed systems related to those associated with their undelayed counterparts. <i>Electronics Letters</i> , 2000, 36, 373.	1.0	18
104	About the Properties of a Modified Generalized Beverton-Holt Equation in Ecology Models. <i>Discrete Dynamics in Nature and Society</i> , 2008, 2008, 1-23.	0.9	18
105	Suboptimal Regulation of a Class of Bilinear Interconnected Systems with Finite-Time Sliding Planning Horizons. <i>Mathematical Problems in Engineering</i> , 2008, 2008, 1-26.	1.2	18
106	Wind turbine output power maximization based on sliding mode control strategy. , 2010, , .		18
107	Generalized Contractive Mappings and Related Results in b -Metric Like Spaces with an Application. <i>Symmetry</i> , 2019, 11, 667.	2.3	18
108	A tripled fixed point technique for solving a tripled-system of integral equations and Markov process in CCBMS. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	18

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109	Discretization and FIR filtering of continuous linear systems with internal and external point delays. International Journal of Control, 1994, 60, 1223-1246.	1.9	17
110	Robust stability of a class of linear time-varying systems. IMA Journal of Mathematical Control and Information, 2002, 19, 399-418.	1.7	17
111	Decentralized active control of a class of uncertain cable-stayed flexible structures. International Journal of Control, 2002, 75, 285-296.	1.9	17
112	Robust adaptive control of discrete nominally stabilizable plants. Applied Mathematics and Computation, 2004, 150, 555-583.	2.3	17
113	On pole-placement controllers for linear time-delay systems with commensurate point delays. Mathematical Problems in Engineering, 2005, 2005, 123-140.	1.2	17
114	On positivity and stability of a class of time-delay systems. Nonlinear Analysis: Real World Applications, 2007, 8, 749-768.	1.7	17
115	On a New Discrete SEIADR Model with Mixed Controls: Study of Its Properties. Mathematics, 2019, 7, 18.	2.3	17
116	Optimal Perturbation Iteration Method for Solving Fractional Model of Damped Burgers's Equation. Symmetry, 2020, 12, 958.	2.3	17
117	On Generalized Nonexpansive Maps in Banach Spaces. Computation, 2020, 8, 61.	2.0	17
118	Fixed-Points of Interpolative ĀtiriĀt-ReichĀt-Rus-Type Contractions in b-Metric Spaces. Symmetry, 2020, 12, 12.	2.3	17
119	Fixed Point Results in Orthogonal Neutrosophic Metric Spaces. Complexity, 2021, 2021, 1-18.	1.7	17
120	The Meir-Keeler type contractions in extended modular b -metric spaces with an application. AIMS Mathematics, 2021, 6, 1781-1799.	1.6	17
121	The existence and numerical solution for a k -dimensional system of multi-term fractional integro-differential equations. Nonlinear Analysis: Modelling and Control, 2017, 22, 188-209.	1.8	17
122	Total Stability Properties Based on Fixed Point Theory for a Class of Hybrid Dynamic Systems. Fixed Point Theory and Applications, 2009, 2009, .	1.1	16
123	Multimodel-based techniques for the identification and adaptive control of delayed multi-input multi-output systems. IET Control Theory and Applications, 2011, 5, 188.	2.2	16
124	Analytical Solution of Urysohn Integral Equations by Fixed Point Technique in Complex Valued Metric Spaces. Mathematics, 2019, 7, 852.	2.3	16
125	Rotational Speed Control Using ANN-Based MPPT for OWC Based on Surface Elevation Measurements. Applied Sciences (Switzerland), 2020, 10, 8975.	2.6	16
126	Analysis of the Fractional Differential Equations Using Two Different Methods. Symmetry, 2023, 15, 65.	2.3	16

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127	On the Soliton Solutions for the Stochastic Konno-Oono System in Magnetic Field with the Presence of Noise. <i>Mathematics</i> , 2023, 11, 1472.	2.3	16
128	A note on the transmission of relative errors in the observability problem. <i>IEEE Transactions on Automatic Control</i> , 1979, 24, 634-635.	6.0	15
129	About the positivity of a class of hybrid dynamic linear systems. <i>Applied Mathematics and Computation</i> , 2007, 189, 852-868.	2.3	15
130	The environment carrying capacity is not independent of the intrinsic growth rate for subcritical spawning stock biomass in the Beverton-Holt equation. <i>Ecological Modelling</i> , 2007, 204, 271-273.	2.5	15
131	ROBUST ADAPTIVE CONTROL WITH MULTIPLE ESTIMATION MODELS FOR STABILIZATION OF A CLASS OF NON-INVERSELY STABLE TIME-VARYING PLANTS. <i>Asian Journal of Control</i> , 2004, 6, 59-73.	2.9	15
132	Decentralized stabilization of networked complex composite systems with nonlinear perturbations. , 2009, , .		15
133	Decentralized resilient H ∞ observer-based control for a class of uncertain interconnected networked systems. , 2010, , .		15
134	Some fixed point-type results for a class of extended cyclic self-mappings with a more general contractive condition. <i>Fixed Point Theory and Applications</i> , 2011, 2011, .	1.1	15
135	Neural control for wave power plant during voltage dips. <i>Electric Power Systems Research</i> , 2012, 92, 96-105.	3.7	15
136	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.	8.3	15
137	Some Results on $(s \sim q)$ -Graphic Contraction Mappings in b-Metric-Like Spaces. <i>Mathematics</i> , 2019, 7, 1190.	2.3	15
138	Fuzzy Gain Scheduled-Sliding Mode Rotational Speed Control of an Oscillating Water Column. <i>IEEE Access</i> , 2020, 8, 45853-45873.	4.4	15
139	Mitigating Safety Concerns and Profit/Production Losses for Chemical Process Control Systems under Cyberattacks via Design/Control Methods. <i>Mathematics</i> , 2020, 8, 499.	2.3	15
140	Approximation of the Fixed Point of Multivalued Quasi-Nonexpansive Mappings via a Faster Iterative Process with Applications. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-11.	0.9	15
141	On a Discrete SEIR Epidemic Model with Two-Doses Delayed Feedback Vaccination Control on the Susceptible. <i>Vaccines</i> , 2021, 9, 398.	4.5	15
142	Complementary Airflow Control of Oscillating Water Columns for Floating Offshore Wind Turbine Stabilization. <i>Mathematics</i> , 2021, 9, 1364.	2.3	15
143	Nonperiodic sampling and identifiability. <i>Electronics Letters</i> , 1981, 17, 922.	1.0	14
144	A result on the hyperstability of a class of hybrid dynamic systems. <i>IEEE Transactions on Automatic Control</i> , 1997, 42, 1335-1339.	6.0	14

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145	Robust Sliding Control of Robotic Manipulators Based on a Heuristic Modification of the Sliding Gain. Journal of Intelligent and Robotic Systems: Theory and Applications, 2007, 48, 485-511. On the Stability and Equilibrium Points of Multistaged	3.5	14
146	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. Discrete Dynamics in Nature and Society, 2019, 2019, 1-22.	0.9	14
147	Some New Generalizations of Integral Inequalities for Harmonical (h_1, h_2) -Godunova-Levin Functions and Applications. Mathematics, 2022, 10, 4540.	2.3	14
149	Compensation of discrete systems to variations in their parameters by changing sampling period. Electronics Letters, 1982, 18, 404.	1.0	13
150	Robust adaptive regulation of potentially inversely unstable first-order hybrid systems. Journal of the Franklin Institute, 1999, 336, 627-648.	3.7	13
151	Discrete control for a computer hard disk by using a fractional order hold device. IET Control Theory and Applications, 2001, 148, 117-124.	1.7	13
152	On the asymptotic hyperstability of dynamic systems with point delays. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 1486-1488.	0.1	13
153	On a cyclic Jungck modified TS-iterative procedure with application examples. Applied Mathematics and Computation, 2014, 233, 383-397.	2.3	13
154	Positive solutions of fractional integral equations by the technique of measure of noncompactness. Journal of Inequalities and Applications, 2017, 2017, 225.	1.1	13
155	Hermite-Hadamard-Fejér Inequality Related to Generalized Convex Functions via Fractional Integrals. Journal of Mathematics, 2018, 2018, 1-10.	1.0	13
156	Some Conceptual Links between Dynamic Physical Systems and Operator Theory Issues Concerning Energy Balances and Stability. Informatica, 2005, 16, 395-406.	2.8	13
157	Some Novel Estimates of Hermite-Hadamard and Jensen Type Inequalities for (h_1, h_2) -Convex Functions Pertaining to Total Order Relation. Mathematics, 2022, 10, 4777.	2.3	13
158	The stabilizability of integro-differential systems with two distributed delays. Mathematical and Computer Modelling, 1995, 21, 85-94.	1.9	12
159	Robust adaptive stabilization of time-invariant first-order hybrid systems with covariance resetting. International Journal of Non-Linear Mechanics, 1998, 33, 47-57.	2.7	12
160	On the intrinsic limiting zeros as the sampling period tends to zero. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 898-900.	0.1	12
161	Stability Results of a Class of Hybrid Systems under Switched Continuous-Time and Discrete-Time Control. Discrete Dynamics in Nature and Society, 2009, 2009, 1-28.	0.9	12
162	Fixed point-type results for a class of extended cyclic self-mappings under three general weak contractive conditions of rational type. Fixed Point Theory and Applications, 2011, 2011, .	1.1	12

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163	Generalized \hat{I}_{\pm} -nonexpansive mappings in Banach spaces. <i>Fixed Point Theory and Applications</i> , 2016, 2017, .	1.1	12
164	Some fixed point theorems for mappings satisfying rational inequality in modular metric spaces with applications. <i>Heliyon</i> , 2020, 6, e04785.	3.2	12
165	Analytical Solution for Differential and Nonlinear Integral Equations via $\int_0^t F(\tau) d\tau$. <i>Journal of Function Spaces</i> , 2021, 2021, 1-13.	0.9	12
166	Highlighting the compound risk of COVID-19 and environmental pollutants using geospatial technology. <i>Scientific Reports</i> , 2021, 11, 8363.	3.4	12
167	A Note on the G \tilde{A}^3 rnicki-Proinov Type Contraction. <i>Journal of Function Spaces</i> , 2021, 2021, 1-8.	0.9	12
168	Imaging Ultrasound Propagation Using the Westervelt Equation by the Generalized Kudryashov and Modified Kudryashov Methods. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 11813.	2.6	12
169	Epidemiological Analysis of Symmetry in Transmission of the Ebola Virus with Power Law Kernel. <i>Symmetry</i> , 2023, 15, 665.	2.3	12
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