

Nasser-eddine Tatar

List of Publications by Year in descending order

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110
papers

1,878
citations

394421

19
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38
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110
all docs

110
docs citations

110
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	A nonlinear version of the distributed Halanay inequality and its application. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 2190-2203.	2.3	1
2	Halanay inequality involving Caputo-Hadamard fractional derivative and application. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2022, .	1.0	0
3	Stabilization of a nonlinear Euler-Bernoulli beam. <i>Arabian Journal of Mathematics</i> , 2022, 11, 479-496.	0.9	1
4	Hadamard-Type Fractional Integro-Differential Problem: A Note on Some Asymptotic Behavior of Solutions. <i>Fractal and Fractional</i> , 2022, 6, 267.	3.3	1
5	Control of a thermo-viscoelastic translational Timoshenko beam. <i>International Journal of Control</i> , 2021, 94, 2161-2174.	1.9	1
6	Exponential decay for a nonlinear axially moving viscoelastic string. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2209-2225.	2.3	1
7	Asymptotic Behavior of Solutions of Fractional Differential Equations with Hadamard Fractional Derivatives. <i>Fractional Calculus and Applied Analysis</i> , 2021, 24, 483-508.	2.2	5
8	A neutral fractional Halanay inequality and application to a Cohen-Grossberg neural network system. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 10460-10476.	2.3	7
9	Adaptive boundary stabilization of a nonlinear axially moving string. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, e202000227.	1.6	5
10	Mittag-Leffler stability for a fractional Euler-Bernoulli problem. <i>Chaos, Solitons and Fractals</i> , 2021, 149, 111077.	5.1	4
11	Well-posedness and stability for a fractional thermo-viscoelastic Timoshenko problem. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	2
12	Mittag-Leffler stability for a fractional viscoelastic telegraph problem. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 14184-14205.	2.3	3
13	Nonexistence of Global Solutions for Fractional Differential Problems with Power Type Source Term. <i>Mediterranean Journal of Mathematics</i> , 2021, 18, 1.	0.8	2
14	Disturbance estimation based tracking control for periodic piecewise time-varying delay systems. <i>IET Control Theory and Applications</i> , 2021, 15, 459-471.	2.1	8
15	Stabilisation of a viscoelastic flexible marine riser under unknown spatiotemporally varying disturbance. <i>International Journal of Control</i> , 2020, 93, 1547-1557.	1.9	4
16	Stability of logarithmic type for a Hadamard fractional differential problem. <i>Journal of Pseudo-Differential Operators and Applications</i> , 2020, 11, 447-466.	0.7	19
17	Adaptive Stabilization of a Kirchhoff Moving String. <i>Journal of Dynamical and Control Systems</i> , 2020, 26, 255-263.	0.8	9
18	Stability of a thermoelastic laminated system subject to a neutral delay. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 281-304.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Boundedness and power-type decay of solutions for a class of generalized fractional Langevin equations. <i>Arabian Journal of Mathematics</i> , 2019, 8, 79-94.	0.9	3
20	Long time behavior for a fractional Picard problem in a Hilbert space. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2019, 68, 595-610.	1.3	0
21	Fractional Halanay Inequality and Application in Neural Network Theory. <i>Acta Mathematica Scientia</i> , 2019, 39, 1605-1618.	1.0	10
22	Halanay inequality with Hadamard derivative and application to a neural network system. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	2.2	4
23	Exponential stabilization of a neutrally delayed viscoelastic Timoshenko beam. <i>Turkish Journal of Mathematics</i> , 2019, 43, 595-611.	0.7	5
24	Stabilization of a viscoelastic Timoshenko beam fixed into a moving base. <i>Mathematical Modelling of Natural Phenomena</i> , 2019, 14, 501.	2.4	7
25	Nonexistence of global solutions for a fractional system of strongly coupled integro-differential equations. <i>Turkish Journal of Mathematics</i> , 2019, 43, 2715-2730.	0.7	3
26	Control of an axially moving viscoelastic Kirchhoff string. <i>Applicable Analysis</i> , 2018, 97, 592-609.	1.3	10
27	Vibration Control of a Viscoelastic Translational Euler-Bernoulli Beam. <i>Journal of Dynamical and Control Systems</i> , 2018, 24, 167-199.	0.8	14
28	Uniform Stabilization of a Nonlinear Axially Moving String by a Boundary Control of Memory Type. <i>Journal of Dynamical and Control Systems</i> , 2018, 24, 313-323.	0.8	10
29	(L)-type activation functions in a system of ordinary differential equations. <i>Journal of Information and Optimization Sciences</i> , 2018, 39, 1637-1645.	0.3	4
30	Asymptotic Behavior of Solutions for a Class of Fractional Integro-differential Equations. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1.	0.8	4
31	VIBRATION CONTROL OF A VISCOELASTIC FLEXIBLE MARINE RISER WITH VESSEL DYNAMICS. <i>Mathematical Modelling and Analysis</i> , 2018, 23, 433-452.	1.5	6
32	Existence and stabilization of a Kirchhoff moving string with a delay in the boundary or in the internal feedback. <i>Evolution Equations and Control Theory</i> , 2018, 7, 599-616.	1.3	3
33	Neural networks with distributed delays and Hölder continuous activation functions. <i>Miskolc Mathematical Notes</i> , 2018, 19, 631.	0.6	1
34	Uniform Stabilization of an Axially Moving Kirchhoff String by a Boundary Control of Memory Type. <i>Journal of Dynamical and Control Systems</i> , 2017, 23, 237-247.	0.8	20
35	Uniform Decay for Solutions of an Axially Moving Viscoelastic Beam. <i>Applied Mathematics and Optimization</i> , 2017, 75, 343-364.	1.6	10
36	Stability of an Axially Moving Viscoelastic Beam. <i>Journal of Dynamical and Control Systems</i> , 2017, 23, 283-299.	0.8	15

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37	Control of a viscoelastic translational Euler-Bernoulli beam. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 237-254.	2.3	19
38	On the nonexistence of global solutions for a class of fractional integro-differential problems. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	6
39	Stability for the damped wave equation with neutral delay. <i>Mathematische Nachrichten</i> , 2017, 290, 2401-2412.	0.8	5
40	Non-existence for fractionally damped fractional differential problems. <i>Acta Mathematica Scientia</i> , 2017, 37, 119-130.	1.0	12
41	Control and exponential stabilization for the equation of an axially moving viscoelastic strip. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 6239-6253.	2.3	13
42	Existence and stabilization of a Kirchhoff moving string with a distributed delay in the internal feedback. , 2017, , .		0
43	ASYMPTOTIC BEHAVIOR OF SOLUTIONS TO NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS. <i>Mathematical Modelling and Analysis</i> , 2016, 21, 610-629.	1.5	14
44	Numerical schemes for anomalous diffusion of single-phase fluids in porous media. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 39, 381-395.	3.3	9
45	Control of a riser through the dynamic of the vessel. <i>Applicable Analysis</i> , 2016, 95, 1957-1973.	1.3	6
46	Uniform Stability of a Laminated Beam with Structural Memory. <i>Qualitative Theory of Dynamical Systems</i> , 2016, 15, 517-540.	1.7	49
47	On the stabilization of a Cauchy viscoelastic problem with singular kernel and nonlinear source term. <i>Applicable Analysis</i> , 2016, 95, 646-660.	1.3	1
48	Exponential stabilization of a structure with interfacial slip. <i>Discrete and Continuous Dynamical Systems</i> , 2016, 36, 6285-6306.	0.9	39
49	Some well-posedness and stability results for abstract hyperbolic equations with infinite memory and distributed time delay. <i>Communications on Pure and Applied Analysis</i> , 2015, 14, 457-491.	0.8	22
50	Exponential Decay for a System of Equations with Distributed Delays. <i>Journal of Applied Mathematics</i> , 2015, 2015, 1-6.	0.9	2
51	Stabilization of a laminated beam with interfacial slip by boundary controls. <i>Boundary Value Problems</i> , 2015, 2015, .	0.7	46
52	Long Time Behavior for a System of Differential Equations with Non-Lipschitzian Nonlinearities. <i>Advances in Artificial Neural Systems</i> , 2014, 2014, 1-7.	1.0	5
53	Control of systems with Holder continuous functions in the distributed delays. <i>Carpathian Journal of Mathematics</i> , 2014, 30, 123-128.	0.9	7
54	Haraux Type Activation Functions in Neural Network Theory. <i>British Journal of Mathematics & Computer Science</i> , 2014, 4, 3163-3170.	0.3	3

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55	Stabilization of a viscoelastic Timoshenko beam. <i>Applicable Analysis</i> , 2013, 92, 27-43.	1.3	17
56	ON A SECOND-ORDER DIFFERENTIAL PROBLEM WITH FRACTIONAL DERIVATIVES OF ORDER GREATER THAN ONE. <i>Mathematical Modelling and Analysis</i> , 2013, 18, 53-65.	1.5	1
57	A New Class of Kernels Leading to an Arbitrary Decay in Viscoelasticity. <i>Mediterranean Journal of Mathematics</i> , 2013, 10, 213-226.	0.8	23
58	Exponential decay for a viscoelastically damped timoshenko beam. <i>Acta Mathematica Scientia</i> , 2013, 33, 505-524.	1.0	16
59	Elastic membrane equation with memory term and nonlinear boundary damping: global existence, decay and blowup of the solution. <i>Acta Mathematica Scientia</i> , 2013, 33, 84-106.	1.0	15
60	Exponential stabilization of the full von Kármán beam by a thermal effect and a frictional damping. <i>Georgian Mathematical Journal</i> , 2013, 20, .	0.6	11
61	Asymptotic Behavior for a Nondissipative and Nonlinear System of the Kirchhoff Viscoelastic Type. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-17.	0.9	0
62	On the nonexistence of blowing-up solutions to a fractional functional-differential equation. <i>Georgian Mathematical Journal</i> , 2012, 19, .	0.6	19
63	Existence and uniqueness for a problem involving Hilfer fractional derivative. <i>Computers and Mathematics With Applications</i> , 2012, 64, 1616-1626.	2.7	295
64	Hopfield Neural Networks with Unbounded Monotone Activation Functions. <i>Advances in Artificial Neural Systems</i> , 2012, 2012, 1-5.	1.0	4
65	Viscoelastic Timoshenko Beams with Occasionally Constant Relaxation Functions. <i>Applied Mathematics and Optimization</i> , 2012, 66, 123-145.	1.6	11
66	Uniform decay in viscoelasticity for kernels with small non-decreasingness zones. <i>Applied Mathematics and Computation</i> , 2012, 218, 7939-7946.	2.2	7
67	Oscillating kernels and arbitrary decays in viscoelasticity. <i>Mathematische Nachrichten</i> , 2012, 285, 1130-1143.	0.8	7
68	Exponential stability and blow up for a problem with Balakrishnanâ€™Taylor damping. <i>Demonstratio Mathematica</i> , 2011, 44, .	1.5	14
69	Decay rate of solutions for a Cauchy viscoelastic evolution equation. <i>Indagationes Mathematicae</i> , 2011, 22, 103-115.	0.4	8
70	Exponential stabilization of the Timoshenko system by a thermal effect with an oscillating kernel. <i>Mathematical and Computer Modelling</i> , 2011, 54, 301-314.	2.0	10
71	Mild solutions for a problem involving fractional derivatives in the nonlinearity and in the non-local conditions. <i>Advances in Difference Equations</i> , 2011, 2011, .	3.5	4
72	On a perturbed kernel in viscoelasticity. <i>Applied Mathematics Letters</i> , 2011, 24, 766-770.	2.7	11

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73	Blow-up of solutions for a nonlinear beam equation with fractional feedback. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011, 74, 1402-1409.	1.1	14
74	Arbitrary decays in linear viscoelasticity. <i>Journal of Mathematical Physics</i> , 2011, 52, 013502.	1.1	43
75	Semilinear Volterra Integrodifferential Problems with Fractional Derivatives in the Nonlinearities. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-11.	0.7	12
76	Stabilization of the Timoshenko Beam by Thermal Effect. <i>Mediterranean Journal of Mathematics</i> , 2010, 7, 373-385.	0.8	9
77	On a boundary controller of fractional type. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010, 72, 3209-3215.	1.1	7
78	The existence of mild and classical solutions for a second-order abstract fractional problem. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010, 73, 3130-3139.	1.1	3
79	The critical exponent for an ordinary fractional differential problem. <i>Computers and Mathematics With Applications</i> , 2010, 59, 1266-1270.	2.7	20
80	Existence results for an evolution problem with fractional nonlocal conditions. <i>Computers and Mathematics With Applications</i> , 2010, 60, 2971-2982.	2.7	22
81	Exponential decay for a quasilinear viscoelastic equation. <i>Mathematische Nachrichten</i> , 2009, 282, 1443-1450.	0.8	42
82	Exponential decay for a viscoelastic problem with a singular kernel. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2009, 60, 640-650.	1.4	36
83	On a large class of kernels yielding exponential stability in viscoelasticity. <i>Applied Mathematics and Computation</i> , 2009, 215, 2298-2306.	2.2	34
84	How far can relaxation functions be increasing in viscoelastic problems?. <i>Applied Mathematics Letters</i> , 2009, 22, 336-340.	2.7	19
85	Breakdown for a Kirchhoff-type Beam with a Fractional Boundary Feedback. <i>Journal of Dynamical and Control Systems</i> , 2008, 14, 71-94.	0.8	5
86	Polynomial stability without polynomial decay of the relaxation function. <i>Mathematical Methods in the Applied Sciences</i> , 2008, 31, 1874-1886.	2.3	21
87	Permanence and existence of a positive periodic solution to a periodic stage-structured system with infinite delay. <i>Applied Mathematics and Computation</i> , 2008, 202, 620-638.	2.2	5
88	Nonexistence results for a fractional problem arising in thermal diffusion in fractal media. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 1205-1214.	5.1	18
89	Exponential and polynomial decay for a quasilinear viscoelastic equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008, 68, 785-793.	1.1	118
90	Global existence and uniform stability of solutions for a quasilinear viscoelastic problem. <i>Mathematical Methods in the Applied Sciences</i> , 2007, 30, 665-680.	2.3	121

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91	Existence and global attractivity of a periodic solution to a nonautonomous dispersal system with delays. <i>Applied Mathematical Modelling</i> , 2007, 31, 780-793.	4.2	9
92	Global existence and asymptotic behavior for a fractional differential equation. <i>Applied Mathematics and Computation</i> , 2007, 188, 1955-1962.	2.2	17
93	Long time behavior for a nonlinear fractional model. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 332, 441-454.	1.0	19
94	Absence of local and global solutions to an elliptic system with time-fractional dynamical boundary conditions. <i>Siberian Mathematical Journal</i> , 2007, 48, 477-488.	0.6	19
95	Nonexistence for the Laplace equation with a dynamical boundary condition of fractional type. <i>Siberian Mathematical Journal</i> , 2007, 48, 849-856.	0.6	10
96	Permanence extinction and global asymptotic stability in a stage structured system with distributed delays. <i>Journal of Mathematical Analysis and Applications</i> , 2005, 301, 187-207.	1.0	14
97	Critical exponents of Fujita type for certain evolution equations and systems with spatio-temporal fractional derivatives. <i>Journal of Mathematical Analysis and Applications</i> , 2005, 312, 488-501.	1.0	92
98	Power-type estimates for a nonlinear fractional differential equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005, 62, 1025-1036.	1.1	59
99	Unboundedness for the Euler-Bernoulli beam equation with a fractional boundary dissipation. <i>Applied Mathematics and Computation</i> , 2005, 161, 697-706.	2.2	12
100	Asymptotic behavior for a viscoelastic problem with not necessarily decreasing kernel. <i>Applied Mathematics and Computation</i> , 2005, 167, 1221-1235.	2.2	41
101	Uniform boundedness and stability for a viscoelastic problem. <i>Applied Mathematics and Computation</i> , 2005, 167, 1211-1220.	2.2	14
102	A blow up result for a fractionally damped wave equation. <i>Nonlinear Differential Equations and Applications</i> , 2005, 12, 215-226.	0.8	19
103	Existence and asymptotic behavior for a convection problem. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2004, 59, 407-424.	1.1	1
104	The decay rate for a fractional differential equation. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 295, 303-314.	1.0	18
105	A Nonexistence Result to a Cauchy Problem in Nonlinear One Dimensional Thermoelasticity. <i>Journal of Mathematical Analysis and Applications</i> , 2001, 254, 71-86.	1.0	14
106	A memory type boundary stabilization of a mildly damped wave equation. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 1999, , 1-7.	0.5	24
107	Stability for a retarded impulsive Cohen-Grossberg BAM neural network system. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 0, , 1-20.	2.8	0
108	Long-time behaviour of a translational thermoelastic Timoshenko system with second sound. <i>Applicable Analysis</i> , 0, , 1-29.	1.3	0

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109	Adaptive stabilization of a Timoshenko system by boundary feedback controls. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	2
110	On global adaptive stabilization of a Kirchhoff moving string with variable density. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	1