

Gnana Bhaskar Tenali

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,149
citations

933447

10
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Fixed point theorems in partially ordered metric spaces and applications. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2006, 65, 1379-1393.	1.1	821
2	Revisiting fuzzy differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2004, 58, 351-358.	1.1	77
3	Set valued functions in Fréchet spaces: Continuity, Hukuhara differentiability and applications to set differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005, 61, 559-575.	1.1	39
4	Nonlinear variation of parameters formula for set differential equations in a metric space. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005, 63, 735-744.	1.1	34
5	Fractional differential equations with a Krasnoselskiĭ-Krein type condition. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 734-737.	3.5	30
6	Monotone iterative technique for functional differential equations with retardation and anticipation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 66, 2237-2242.	1.1	28
7	Stability criteria for set differential equations. <i>Mathematical and Computer Modelling</i> , 2005, 41, 1371-1378.	2.0	23
8	Fingerprint Reconstruction Method Using Partial Differential Equation and Exemplar-Based Inpainting Methods. , 2007, , .		12
9	Some results for impulsive problems via Morse theory. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 409, 752-759.	1.0	12
10	Monotone iterative techniques for nonlinear problems involving the difference of two monotone functions. <i>Applied Mathematics and Computation</i> , 2002, 133, 187-192.	2.2	11
11	Existence and uniqueness results for fuzzy linear differential-algebraic equations. <i>Fuzzy Sets and Systems</i> , 2014, 245, 30-42.	2.7	10
12	New uniqueness results for fractional differential equations. <i>Applicable Analysis</i> , 2013, 92, 259-269.	1.3	9
13	Selfadjoint boundary value problems associated with a pair of mixed linear ordinary differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 1989, 144, 322-341.	1.0	8
14	Set differential systems and vector Lyapunov functions. <i>Applied Mathematics and Computation</i> , 2005, 165, 539-548.	2.2	7
15	Comparison theorem for a nonlinear boundary value problem on time scales. <i>Journal of Computational and Applied Mathematics</i> , 2002, 141, 117-122.	2.0	6
16	The hybrid set theory. <i>Nonlinear Analysis: Hybrid Systems</i> , 2007, 1, 414-416.	3.5	6
17	Solutions of initial value problems associated with a pair of mixed linear ordinary differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 1990, 148, 63-78.	1.0	5
18	Functional differential systems with retardation and anticipation. <i>Nonlinear Analysis: Real World Applications</i> , 2007, 8, 865-871.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Heatlet approach to diffusion equation on unbounded domains. Applied Mathematics and Computation, 2008, 197, 891-903.	2.2	3
20	Computation of Green's matrices for boundary value problems associated with a pair of mixed linear regular ordinary differential operators. International Journal of Mathematics and Mathematical Sciences, 1995, 18, 789-797.	0.7	2
21	Variational phase unwrapping and wavelet denoising of interferometric SAR data using Mumford-Shah framework. International Journal of Signal and Imaging Systems Engineering, 2008, 1, 145.	0.6	1
22	m-accretivity of the differential operators with an interface. Nonlinear Analysis: Theory, Methods & Applications, 1995, 24, 765-772.	1.1	0
23	Generalized flow invariance for differential inclusions. Journal of Applied Mathematics and Stochastic Analysis, 2006, 2006, 1-7.	0.3	0
24	Anisotropic diffusion techniques on synthetic aperture radar data. , 2007, , .		0
25	Preprocessing of SAR interferometric data using anisotropic diffusion filter. , 2007, , .		0
26	Subsidence measurement and DSM extraction of IFSAR data using anisotropic diffusion and wavelet denoising filters. , 2008, , .		0