

Gaston N'Guérékata

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,447
citations

331259

21
h-index

329751

37
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58
all docs

58
docs citations

58
times ranked

468
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Topics in Fractional Differential Equations. Developments in Mathematics, 2012, , . | 0.2 | 262 |
| 2 | Existence of the mild solution for some fractional differential equations with nonlocal conditions. Semigroup Forum, 2009, 79, 315-322. | 0.3 | 136 |
| 3 | Existence of mild solutions of some semilinear neutral fractional functional evolution equations with infinite delay. Applied Mathematics and Computation, 2010, 216, 61-69. | 1.4 | 90 |
| 4 | Existence and Uniqueness of Almost Automorphic Mild Solutions to Some Semilinear Abstract Differential Equations. Semigroup Forum, 2004, 69, 80-86. | 0.3 | 76 |
| 5 | Bounded Mild Solutions for Semilinear Integro Differential Equations in Banach Spaces. Integral Equations and Operator Theory, 2010, 68, 207-227. | 0.4 | 64 |
| 6 | Optimal control of a fractional diffusion equation with state constraints. Computers and Mathematics With Applications, 2011, 62, 1413-1426. | 1.4 | 55 |
| 7 | Existence of weighted pseudo-almost periodic solutions to some classes of differential equations with ω -weighted pseudo-almost periodic coefficients. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 430-438. | 0.6 | 49 |
| 8 | Pseudo-almost-automorphic solutions to some neutral partial functional differential equations in Banach spaces. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 1641-1647. | 0.6 | 47 |
| 9 | Composition of pseudo almost periodic and pseudo almost automorphic functions and applications to evolution equations. Applicable Analysis, 2010, 89, 11-27. | 0.6 | 43 |
| 10 | A Massera type theorem for almost automorphic solutions of differential equations. Journal of Mathematical Analysis and Applications, 2004, 299, 587-599. | 0.5 | 36 |
| 11 | Stepanov-like almost automorphy for stochastic processes and applications to stochastic differential equations. Nonlinear Analysis: Real World Applications, 2011, 12, 1130-1139. | 0.9 | 36 |
| 12 | Massera type theorem for almost automorphic solutions of functional differential equations of neutral type. Journal of Mathematical Analysis and Applications, 2006, 316, 707-721. | 0.5 | 35 |
| 13 | Mild solutions for abstract fractional differential equations. Applicable Analysis, 2013, 92, 1731-1754. | 0.6 | 35 |
| 14 | Asymptotic behavior of solutions of some semilinear functional differential and integro-differential equations with infinite delay in Banach spaces. Journal of the Franklin Institute, 2012, 349, 1-24. | 1.9 | 30 |
| 15 | Almost Automorphic Solutions for Hyperbolic Semilinear Evolution Equations. Semigroup Forum, 2005, 71, 231-240. | 0.3 | 28 |
| 16 | Weighted pseudo almost automorphic mild solutions to semilinear fractional differential equations. Computers and Mathematics With Applications, 2012, 64, 3160-3170. | 1.4 | 28 |
| 17 | A new composition theorem for square-mean almost automorphic functions and applications to stochastic differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 2210-2219. | 0.6 | 26 |
| 18 | Paradox of enrichment: A fractional differential approach with memory. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 3610-3621. | 1.2 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | On fractional integro-differential inclusions with state-dependent delay in Banach spaces. <i>Applicable Analysis</i> , 2013, 92, 335-350. | 0.6 | 25 |
| 20 | Weighted pseudo almost periodic solutions for a class of discrete hematopoiesis model. <i>Revista Matematica Complutense</i> , 2013, 26, 427-443. | 0.7 | 24 |
| 21 | On the topological structure of almost automorphic and asymptotically almost automorphic solutions of differential and integral equations in abstract spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2004, 59, 1333-1345. | 0.6 | 23 |
| 22 | Tax evasion, tax corruption and stochastic growth. <i>Economic Modelling</i> , 2016, 52, 251-258. | 1.8 | 21 |
| 23 | On a class of fractional differential equations in a Sobolev space. <i>Applicable Analysis</i> , 2012, 91, 15-34. | 0.6 | 18 |
| 24 | Attractivity for Differential Equations of Fractional order and \tilde{I} -Hilfer Type. <i>Fractional Calculus and Applied Analysis</i> , 2020, 23, 1188-1207. | 1.2 | 18 |
| 25 | On some classes of almost periodic functions in abstract spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2004, 2004, 3237-3247. | 0.3 | 17 |
| 26 | Darboux problem for fractional-order discontinuous hyperbolic partial differential equations in Banach algebras. <i>Complex Variables and Elliptic Equations</i> , 2012, 57, 337-350. | 0.4 | 17 |
| 27 | Boundary Value Problem for Nonlinear Implicit Generalized Hilfer-Type Fractional Differential Equations with Impulses. <i>Abstract and Applied Analysis</i> , 2021, 2021, 1-17. | 0.3 | 16 |
| 28 | An Existence Result for Neutral Delay Integrodifferential Equations with Fractional Order and Nonlocal Conditions. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-20. | 0.3 | 15 |
| 29 | Circular spectrum and bounded solutions of periodic evolution equations. <i>Journal of Differential Equations</i> , 2009, 246, 3089-3108. | 1.1 | 13 |
| 30 | On S_α -asymptotically \tilde{I} -periodic and Bloch periodic mild solutions to some fractional differential equations in abstract spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 9116-9122. | 1.2 | 11 |
| 31 | Asymptotic Behavior of Mild Solutions to Semilinear Fractional Differential Equations. <i>Journal of Optimization Theory and Applications</i> , 2013, 156, 106-114. | 0.8 | 10 |
| 32 | Hilfer and Hadamard Functional Random Fractional Differential Inclusions. <i>Cubo</i> , 2017, 19, 17-38. | 0.2 | 10 |
| 33 | Bounded and almost automorphic solutions of some nonlinear differential equations in Banach spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 674-684. | 0.6 | 9 |
| 34 | Almost periodicity in Fréchet spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 299, 534-549. | 0.5 | 8 |
| 35 | Almost Automorphic Functions in Fréchet Spaces and Applications to Differential Equations. <i>Semigroup Forum</i> , 2005, 71, 201-230. | 0.3 | 8 |
| 36 | Stepanov-Like Weighted Pseudo Almost Automorphic Functions Via Measure Theory. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2016, 39, 1005-1041. | 0.4 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Bounded Solutions of Parabolic Equations in Continuous Function Spaces. Funkcialaj Ekvacioj, 2006, 49, 337-355. | 0.2 | 8 |
| 38 | Global well-posedness for discrete non-linear Schrödinger equation. Applicable Analysis, 2010, 89, 1513-1521. | 0.6 | 7 |
| 39 | Instantaneous and Noninstantaneous Impulsive Integro-differential Equations in Banach Spaces. Abstract and Applied Analysis, 2020, 2020, 1-8. | 0.3 | 7 |
| 40 | Stepanov-like $C^{\{n\}}$ -pseudo almost automorphy and applications to some nonautonomous higher-order differential equations. Opuscula Mathematica, 2012, 32, 455. | 0.3 | 7 |
| 41 | Pseudo-almost automorphic mild solutions to semilinear integral equations in a Banach space. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 2887-2894. | 0.6 | 6 |
| 42 | Existence of Asymptotically Almost Automorphic Mild Solutions of Semilinear Fractional Differential Equations. International Journal of Differential Equations, 2018, 2018, 1-23. | 0.3 | 6 |
| 43 | Existence and uniqueness of solutions to impulsive fractional differential equations via the deformable derivative. Applicable Analysis, 0, , 1-12. | 0.6 | 5 |
| 44 | The Space of Continuous Periodic Functions Is a Set of First Category in $AP(X)$. Journal of Function Spaces and Applications, 2013, 2013, 1-3. | 0.5 | 4 |
| 45 | Existence, Uniqueness, and Mittag-Leffler-Ulam Stability Results for Cauchy Problem Involving $\langle \mathit{xmlns}="http://www.w3.org/1998/Math/MathML" \mathit{id}="M1" \rangle \langle \mathit{mi} \rangle \langle \mathit{i} \rangle \langle \mathit{mi} \rangle \langle \mathit{math} \rangle$ -Caputo Derivative in Banach and Fréchet Spaces. International Journal of Differential Equations, 2020, 2020, 1-16. | 0.3 | 4 |
| 46 | On the asymptotic behavior of the solutions of semilinear nonautonomous equations. Semigroup Forum, 2013, 87, 18-34. | 0.3 | 3 |
| 47 | Existence and Attractivity Results for Coupled Systems of Nonlinear Volterra-Stieltjes Multidelay Fractional Partial Integral Equations. Abstract and Applied Analysis, 2018, 2018, 1-10. | 0.3 | 3 |
| 48 | On almost automorphic solutions of linear operational-differential equations. International Journal of Mathematics and Mathematical Sciences, 2004, 2004, 1179-1182. | 0.3 | 2 |
| 49 | Eberlein-weakly almost periodic (in Stepanov-like sense) functions and application. Applicable Analysis, 2014, 93, 665-675. | 0.6 | 2 |
| 50 | Stepanov-Like Pseudo Almost Automorphic Solutions to Some Stochastic Differential Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 181-197. | 0.4 | 2 |
| 51 | Generalized Asymptotically Almost Periodic and Generalized Asymptotically Almost Automorphic Solutions of Abstract Multiterm Fractional Differential Inclusions. Abstract and Applied Analysis, 2018, 2018, 1-17. | 0.3 | 2 |
| 52 | Existence and attractivity results for Hilfer hybrid fractional differential equations. Cubo, 2021, 23, 145-159. | 0.2 | 2 |
| 53 | (ρ, c) -periodic and asymptotically (ρ, c) -periodic mild solutions to fractional Cauchy problems. Applicable Analysis, 2023, 102, 958-976. | 0.6 | 2 |
| 54 | On almost periodic solutions of the differential equation $x'''(t) = Ax(t)$ in Hilbert spaces. International Journal of Mathematics and Mathematical Sciences, 2001, 28, 247-249. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Positive asymptotically almost periodic solutions of an impulsive hematopoiesis model. Cubo, 2016, 18, 15-26. | 0.2 | 1 |
| 56 | Hierarchic control of a linear heat equation with missing data. Mathematical Methods in the Applied Sciences, 2020, 43, 6476-6497. | 1.2 | 0 |
| 57 | Periodic Mild Solutions of Infinite Delay not Instantaneous Impulsive Evolution Inclusions. Vietnam Journal of Mathematics, 2022, 50, 287-299. | 0.4 | 0 |
| 58 | Existence of Concave Positive Solutions for Nonlinear Fractional Differential Equation with p-Laplacian Operator. Vietnam Journal of Mathematics, 0, , 1. | 0.4 | 0 |