

# Gaston N'Guérékata

## List of Publications by Year in descending order

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468  
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#	ARTICLE	IF	CITATIONS
1	( $\rho$ )-periodic and asymptotically ( $\rho$ )-periodic mild solutions to fractional Cauchy problems. <i>Applicable Analysis</i> , 2023, 102, 958-976.	0.6	2
2	Periodic Mild Solutions of Infinite Delay not Instantaneous Impulsive Evolution Inclusions. <i>Vietnam Journal of Mathematics</i> , 2022, 50, 287-299.	0.4	0
3	Existence and attractivity results for $\rho$ -Hilfer hybrid fractional differential equations. <i>Cubo</i> , 2021, 23, 145-159.	0.2	2
4	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
5	Existence, Uniqueness, and Mittag-Leffler-Ulam Stability Results for Cauchy Problem Involving $\rho$ -Caputo Derivative in Banach and Fréchet Spaces. <i>International Journal of Differential Equations</i> , 2020, 2020, 1-16.	0.3	4
6	Hierarchic control of a linear heat equation with missing data. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 6476-6497.	1.2	0
7	Instantaneous and Noninstantaneous Impulsive Integro-differential Equations in Banach Spaces. <i>Abstract and Applied Analysis</i> , 2020, 2020, 1-8.	0.3	7
8	Attractivity for Differential Equations of Fractional order and $\rho$ -Hilfer Type. <i>Fractional Calculus and Applied Analysis</i> , 2020, 23, 1188-1207.	1.2	18
9	Existence and Attractivity Results for Coupled Systems of Nonlinear Volterra-Stieltjes Multidelay Fractional Partial Integral Equations. <i>Abstract and Applied Analysis</i> , 2018, 2018, 1-10.	0.3	3
10	Generalized Asymptotically Almost Periodic and Generalized Asymptotically Almost Automorphic Solutions of Abstract Multiterm Fractional Differential Inclusions. <i>Abstract and Applied Analysis</i> , 2018, 2018, 1-17.	0.3	2
11	On $\rho$ -asymptotically $\rho$ -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
12	Existence of Asymptotically Almost Automorphic Mild Solutions of Semilinear Fractional Differential Equations. <i>International Journal of Differential Equations</i> , 2018, 2018, 1-23.	0.3	6
13	Hilfer and Hadamard Functional Random Fractional Differential Inclusions. <i>Cubo</i> , 2017, 19, 17-38.	0.2	10
14	Tax evasion, tax corruption and stochastic growth. <i>Economic Modelling</i> , 2016, 52, 251-258.	1.8	21
15	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
16	Stepanov-Like Pseudo Almost Automorphic Solutions to Some Stochastic Differential Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2016, 39, 181-197.	0.4	2
17	Positive asymptotically almost periodic solutions of an impulsive hematopoiesis model. <i>Cubo</i> , 2016, 18, 15-26.	0.2	1
18	Eberlein-weakly almost periodic (in Stepanov-like sense) functions and application. <i>Applicable Analysis</i> , 2014, 93, 665-675.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Weighted pseudo almost periodic solutions for a class of discrete hematopoiesis model. <i>Revista Matematica Complutense</i> , 2013, 26, 427-443.	0.7	24
20	On the asymptotic behavior of the solutions of semilinear nonautonomous equations. <i>Semigroup Forum</i> , 2013, 87, 18-34.	0.3	3
21	Mild solutions for abstract fractional differential equations. <i>Applicable Analysis</i> , 2013, 92, 1731-1754.	0.6	35
22	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
23	Paradox of enrichment: A fractional differential approach with memory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 3610-3621.	1.2	26
24	On fractional integro-differential inclusions with state-dependent delay in Banach spaces. <i>Applicable Analysis</i> , 2013, 92, 335-350.	0.6	25
25	The Space of Continuous Periodic Functions Is a Set of First Category in $AP(X)$ . <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-3.	0.5	4
26	Weighted pseudo almost automorphic mild solutions to semilinear fractional differential equations. <i>Computers and Mathematics With Applications</i> , 2012, 64, 3160-3170.	1.4	28
27	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
28	Topics in Fractional Differential Equations. <i>Developments in Mathematics</i> , 2012, , .	0.2	262
29	On a class of fractional differential equations in a Sobolev space. <i>Applicable Analysis</i> , 2012, 91, 15-34.	0.6	18
30	Asymptotic behavior of solutions of some semilinear functional differential and integro-differential equations with infinite delay in Banach spaces. <i>Journal of the Franklin Institute</i> , 2012, 349, 1-24.	1.9	30
31	Stepanov-like $C^{(n)}$ -pseudo almost automorphy and applications to some nonautonomous higher-order differential equations. <i>Opuscula Mathematica</i> , 2012, 32, 455.	0.3	7
32	Pseudo-almost automorphic mild solutions to semilinear integral equations in a Banach space. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2011, 74, 2887-2894.	0.6	6
33	Optimal control of a fractional diffusion equation with state constraints. <i>Computers and Mathematics With Applications</i> , 2011, 62, 1413-1426.	1.4	55
34	A new composition theorem for square-mean almost automorphic functions and applications to stochastic differential equations. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2011, 74, 2210-2219.	0.6	26
35	Stepanov-like almost automorphy for stochastic processes and applications to stochastic differential equations. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 1130-1139.	0.9	36
36	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

#	ARTICLE	IF	CITATIONS
37	Bounded Mild Solutions for Semilinear Integro Differential Equations in Banach Spaces. <i>Integral Equations and Operator Theory</i> , 2010, 68, 207-227.	0.4	64
38	Existence of weighted pseudo-almost periodic solutions to some classes of differential equations with $\omega$ -weighted pseudo-almost periodic coefficients. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2010, 72, 430-438.	0.6	49
39	Existence of mild solutions of some semilinear neutral fractional functional evolution equations with infinite delay. <i>Applied Mathematics and Computation</i> , 2010, 216, 61-69.	1.4	90
40	Global well-posedness for discrete non-linear Schrödinger equation. <i>Applicable Analysis</i> , 2010, 89, 1513-1521.	0.6	7
41	Composition of pseudo almost periodic and pseudo almost automorphic functions and applications to evolution equations. <i>Applicable Analysis</i> , 2010, 89, 11-27.	0.6	43
42	Bounded and almost automorphic solutions of some nonlinear differential equations in Banach spaces. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2009, 71, 674-684.	0.6	9
43	Existence of the mild solution for some fractional differential equations with nonlocal conditions. <i>Semigroup Forum</i> , 2009, 79, 315-322.	0.3	136
44	Pseudo-almost-automorphic solutions to some neutral partial functional differential equations in Banach spaces. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2009, 70, 1641-1647.	0.6	47
45	Circular spectrum and bounded solutions of periodic evolution equations. <i>Journal of Differential Equations</i> , 2009, 246, 3089-3108.	1.1	13
46	Massera type theorem for almost automorphic solutions of functional differential equations of neutral type. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 316, 707-721.	0.5	35
47	Bounded Solutions of Parabolic Equations in Continuous Function Spaces. <i>Funkcialaj Ekvacioj</i> , 2006, 49, 337-355.	0.2	8
48	Almost Automorphic Functions in Frechet Spaces and Applications to Differential Equations. <i>Semigroup Forum</i> , 2005, 71, 201-230.	0.3	8
49	Almost Automorphic Solutions for Hyperbolic Semilinear Evolution Equations. <i>Semigroup Forum</i> , 2005, 71, 231-240.	0.3	28
50	On almost automorphic solutions of linear operational-differential equations. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2004, 2004, 1179-1182.	0.3	2
51	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
52	Existence and Uniqueness of Almost Automorphic Mild Solutions to Some Semilinear Abstract Differential Equations. <i>Semigroup Forum</i> , 2004, 69, 80-86.	0.3	76
53	Almost periodicity in Fréchet spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 299, 534-549.	0.5	8
54	A Massera type theorem for almost automorphic solutions of differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 299, 587-599.	0.5	36

#	ARTICLE	IF	CITATIONS
55	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 &amp; Applications</i> , 2004, 59, 1333-1345.	0.6	23
56	On almost periodic solutions of the differential equation $\dot{x}(t)=Ax(t)$ in Hilbert spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2001, 28, 247-249.	0.3	1
57	Existence and uniqueness of solutions to impulsive fractional differential equations via the deformable derivative. <i>Applicable Analysis</i> , 0, , 1-12.	0.6	5
58	Existence of Concave Positive Solutions for Nonlinear Fractional Differential Equation with p-Laplacian Operator. <i>Vietnam Journal of Mathematics</i> , 0, , 1.	0.4	0