

Alfred Peris

List of Publications by Year in descending order

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81
papers

2,028
citations

201674

27
h-index

265206

42
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82
all docs

82
docs citations

82
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Hereditarily Hypercyclic Operators. Journal of Functional Analysis, 1999, 167, 94-112.	1.4	201
2	Application and optimization of the discrete wavelet transform for the detection of broken rotor bars in induction machines. Applied and Computational Harmonic Analysis, 2006, 21, 268-279.	2.2	96
3	Disjointness in hypercyclicity. Journal of Mathematical Analysis and Applications, 2007, 336, 297-315.	1.0	83
4	Hypercyclic Operators on Non-normable Fréchet Spaces. Journal of Functional Analysis, 1998, 159, 587-595.	1.4	82
5	Liaño-Yorke and distributionally chaotic operators. Journal of Mathematical Analysis and Applications, 2011, 373, 83-93.	1.0	73
6	Hypercyclic behaviour of operators in a hypercyclic <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd">Journal of Functiona	1.4	67
7	Distributional chaos for linear operators. Journal of Functional Analysis, 2013, 265, 2143-2163.	1.4	64
8	Hypercyclic, topologically mixing and chaotic semigroups on Banach spaces. Studia Mathematica, 2005, 170, 57-75.	0.7	63
9	A dynamic trading rule based on filtered flag pattern recognition for stock market price forecasting. Expert Systems With Applications, 2017, 81, 177-192.	7.6	62
10	Chaos on hyperspaces. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1-8.	1.1	57
11	Distributional chaos for backward shifts. Journal of Mathematical Analysis and Applications, 2009, 351, 607-615.	1.0	50
12	Set-valued discrete chaos. Chaos, Solitons and Fractals, 2005, 26, 19-23.	5.1	49
13	Disjoint mixing operators. Journal of Functional Analysis, 2012, 263, 1283-1322.	1.4	49
14	CHAOS FOR BACKWARD SHIFT OPERATORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 1703-1715.	1.7	47
15	Universal and chaotic multipliers on spaces of operators. Journal of Mathematical Analysis and Applications, 2004, 297, 599-611.	1.0	45
16	On hypercyclicity and supercyclicity criteria. Bulletin of the Australian Mathematical Society, 2004, 70, 45-54.	0.5	43
17	Liaño-Yorke chaos in linear dynamics. Ergodic Theory and Dynamical Systems, 2015, 35, 1723-1745.	0.6	43
18	A Banach Space which Admits No Chaotic Operator. Bulletin of the London Mathematical Society, 2001, 33, 196-198.	0.8	38

#	ARTICLE	IF	CITATIONS
19	Multi-hypercyclic operators are hypercyclic. <i>Mathematische Zeitschrift</i> , 2001, 236, 779-786.	0.9	37
20	Recurrence properties of hypercyclic operators. <i>Mathematische Annalen</i> , 2016, 366, 545-572.	1.4	37
21	Disjoint hypercyclic linear fractional composition operators. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 381, 843-856.	1.0	34
22	Distributional chaos for operators with full scrambled sets. <i>Mathematische Zeitschrift</i> , 2013, 274, 603-612.	0.9	32
23	Distributional chaos for operators on Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 459, 797-821.	1.0	32
24	Linear transitivity criteria. <i>Topology and Its Applications</i> , 2005, 153, 767-773.	0.4	31
25	Frequently dense orbits. <i>Comptes Rendus Mathématique</i> , 2005, 341, 123-128.	0.3	31
26	Linear Chaos on Fréchet Spaces. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2003, 13, 1649-1655.	1.7	30
27	Hypercyclic translation C_0 -semigroups on complex sectors. <i>Discrete and Continuous Dynamical Systems</i> , 2009, 25, 1195-1208.	0.9	30
28	Universality and chaos for tensor products of operators. <i>Journal of Approximation Theory</i> , 2003, 124, 7-24.	0.8	26
29	Distributional chaos for strongly continuous semigroups of operators. <i>Communications on Pure and Applied Analysis</i> , 2013, 12, 2069-2082.	0.8	25
30	TRANSITIVE AND HYPERCYCLIC OPERATORS ON LOCALLY CONVEX SPACES. <i>Bulletin of the London Mathematical Society</i> , 2005, 37, 254-264.	0.8	23
31	Powers of Hypercyclic Functions for Some Classical Hypercyclic Operators. <i>Integral Equations and Operator Theory</i> , 2007, 58, 591-596.	0.8	23
32	Strong mixing measures for linear operators and frequent hypercyclicity. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 398, 462-465.	1.0	23
33	Frequently hypercyclic semigroups. <i>Studia Mathematica</i> , 2011, 202, 227-242.	0.7	23
34	Syndetically Hypercyclic Operators. <i>Integral Equations and Operator Theory</i> , 2005, 51, 275-281.	0.8	22
35	Hypercyclic semigroups and somewhere dense orbits. <i>Comptes Rendus Mathématique</i> , 2002, 335, 895-898.	0.3	21
36	CHAOTIC ASYMPTOTIC BEHAVIOR OF THE HYPERBOLIC HEAT TRANSFER EQUATION SOLUTIONS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010, 20, 2943-2947.	1.7	19

#	ARTICLE	IF	CITATIONS
37	Distributionally chaotic translation semigroups. Journal of Difference Equations and Applications, 2012, 18, 751-761.	1.1	19
38	Mean Li-Yorke chaos in Banach spaces. Journal of Functional Analysis, 2020, 278, 108343.	1.4	18
39	Mixing properties for nonautonomous linear dynamics and invariant sets. Applied Mathematics Letters, 2013, 26, 215-218.	2.7	16
40	Weakly mixing operators on topological vector spaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2010, 104, 413-426.	1.2	15
41	The specification property for backward shifts. Journal of Difference Equations and Applications, 2012, 18, 599-605.	1.1	14
42	Comparison of different wavelet families for broken bar detection in induction motors. , 2015, , .		14
43	Set-Valued Chaos in Linear Dynamics. Integral Equations and Operator Theory, 2017, 88, 451-463.	0.8	13
44	Strong transitivity properties for operators. Journal of Differential Equations, 2019, 266, 1313-1337.	2.2	13
45	Chaotic polynomials on Banach spaces. Journal of Mathematical Analysis and Applications, 2003, 287, 487-493.	1.0	12
46	Chaotic behaviour of birth-and-death models with proliferation. Journal of Difference Equations and Applications, 2012, 18, 647-655.	1.1	12
47	Operators with the specification property. Journal of Mathematical Analysis and Applications, 2016, 436, 478-488.	1.0	12
48	\mathbb{C} -supercyclic versus \mathbb{R}^+ -supercyclic operators. Archiv Der Mathematik, 2002, 79, 125-130.	0.5	11
49	Frequent hypercyclicity, chaos, and unconditional Schauder decompositions. Israel Journal of Mathematics, 2012, 190, 389-399.	0.8	11
50	Some questions about subspace-hypercyclic operators. Journal of Mathematical Analysis and Applications, 2013, 408, 209-212.	1.0	11
51	Linear dynamics of semigroups generated by differential operators. Open Mathematics, 2017, 15, 745-767.	1.0	11
52	Erratum to "Chaotic polynomials on Fréchet spaces". Proceedings of the American Mathematical Society, 2001, 129, 3759-3760.	0.8	8
53	Chaotic asymptotic behaviour of the solutions of the Lighthill-Whitham-Richards equation. Nonlinear Dynamics, 2016, 84, 127-133.	5.2	8
54	Finite Intersection Property and Dynamical Compactness. Journal of Dynamics and Differential Equations, 2018, 30, 1221-1245.	1.9	8

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55	Weak stability of non-autonomous discrete dynamical systems. Topology and Its Applications, 2018, 250, 53-60.	0.4	8
56	CHAOTIC POLYNOMIALS ON SEQUENCE AND FUNCTION SPACES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2861-2867.	1.7	7
57	Strong mixing measures for C_0 -semigroups. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2015, 109, 101-115.	1.2	7
58	Nonlocal operators are chaotic. Chaos, 2020, 30, 103126.	2.5	7
59	Some results on Fréchet spaces with the density condition. Archiv Der Mathematik, 1992, 59, 286-293.	0.5	6
60	Existence of hypercyclic polynomials on complex Fréchet spaces. Topology and Its Applications, 2009, 156, 3007-3010.	0.4	6
61	Cesàro bounded operators in Banach spaces. Journal D'Analyse Mathématique, 2020, 140, 187-206.	0.8	6
62	A Projective Description of the Nachbin-Ported Topology. Journal of Mathematical Analysis and Applications, 1996, 197, 635-657.	1.0	4
63	Slow Growth for Universal Harmonic Functions. Journal of Inequalities and Applications, 2010, 2010, 253690.	1.1	4
64	Numerically Hypercyclic Operators. Integral Equations and Operator Theory, 2012, 72, 393-402.	0.8	4
65	Ergodic and dynamical properties of m -isometries. Linear Algebra and Its Applications, 2019, 561, 98-112.	0.9	4
66	Chaotic Behaviour on Invariant Sets of Linear Operators. Integral Equations and Operator Theory, 2015, 81, 483-497.	0.8	3
67	Sets of periods for chaotic linear operators. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	1.2	3
68	Chaos on Fuzzy Dynamical Systems. Mathematics, 2021, 9, 2629.	2.2	3
69	Fréchet Schwartz spaces and approximation properties. Mathematische Annalen, 1994, 300, 739-744.	1.4	2
70	Erratum to "Uniform convergence and chaotic behavior" [Nonlinear Anal. TMA 65 (4) (2006) 933-937]. Nonlinear Analysis: Theory, Methods & Applications, 2008, 68, 1406-1407.	1.1	2
71	Numerically hypercyclic polynomials. Archiv Der Mathematik, 2012, 99, 443-452.	0.5	2
72	The Specification Property for C_0 -Semigroups. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.8	2

#	ARTICLE	IF	CITATIONS
73	Dynamics of shift operators on non-metrizable sequence spaces. Revista Matematica Iberoamericana, 2021, 37, 2373-2397.	0.9	2
74	Chaos for the Dynamics of Toeplitz Operators. Mathematics, 2022, 10, 425.	2.2	2
75	Some Questions of Heinrich on Ultrapowers of Locally Convex Spaces. Mathematische Nachrichten, 1993, 161, 271-282.	0.8	1
76	Chaos for linear fractional transformations of shifts. Topology and Its Applications, 2016, 203, 84-90.	0.4	1
77	Maurey's Extension Theorem and Grothendieck's Probl�me Des Topologies. Journal of the London Mathematical Society, 1998, 58, 679-696.	1.0	0
78	Foreword: Hypercyclicity and linear chaos. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2011, 105, 359-360.	1.2	0
79	Dynamics, Operator Theory, and Infinite Holomorphy. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.7	0
80	Preface special issue: Advances and applications in qualitative studies of dynamics. Discrete and Continuous Dynamical Systems, 2015, 35, i-ii.	0.9	0
81	A hypercyclicity criterion for non-metrizable topological vector spaces. Functiones Et Approximatio, Commentarii Mathematici, 2018, 59, .	0.3	0