

# Alfred Peris

## List of Publications by Year in descending order

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81  
papers

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citations

201674

27  
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265206

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g-index

82  
all docs


82  
docs citations

82  
times ranked

434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaos for the Dynamics of Toeplitz Operators. Mathematics, 2022, 10, 425.	2.2	2
2	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
3	Dynamics of shift operators on non-metrizable sequence spaces. Revista Matematica Iberoamericana, 2021, 37, 2373-2397.	0.9	2
4	Chaos on Fuzzy Dynamical Systems. Mathematics, 2021, 9, 2629.	2.2	3
5	Mean Li-Yorke chaos in Banach spaces. Journal of Functional Analysis, 2020, 278, 108343.	1.4	18
6	Nonlocal operators are chaotic. Chaos, 2020, 30, 103126.	2.5	7
7	Cesàro bounded operators in Banach spaces. Journal D'Analyse Mathematique, 2020, 140, 187-206.	0.8	6
8	The Specification Property for $SC_0$ -Semigroups. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.8	2
9	Strong transitivity properties for operators. Journal of Differential Equations, 2019, 266, 1313-1337.	2.2	13
10	Ergodic and dynamical properties of m-isometries. Linear Algebra and Its Applications, 2019, 561, 98-112.	0.9	4
11	Finite Intersection Property and Dynamical Compactness. Journal of Dynamics and Differential Equations, 2018, 30, 1221-1245.	1.9	8
12	Distributional chaos for operators on Banach spaces. Journal of Mathematical Analysis and Applications, 2018, 459, 797-821.	1.0	32
13	Weak stability of non-autonomous discrete dynamical systems. Topology and Its Applications, 2018, 250, 53-60.	0.4	8
14	A hypercyclicity criterion for non-metrizable topological vector spaces. Functiones Et Approximatio, Commentarii Mathematici, 2018, 59, .	0.3	0
15	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
16	Linear dynamics of semigroups generated by differential operators. Open Mathematics, 2017, 15, 745-767.	1.0	11
17	Set-Valued Chaos in Linear Dynamics. Integral Equations and Operator Theory, 2017, 88, 451-463.	0.8	13
18	Chaos for linear fractional transformations of shifts. Topology and Its Applications, 2016, 203, 84-90.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Operators with the specification property. Journal of Mathematical Analysis and Applications, 2016, 436, 478-488.	1.0	12
20	Recurrence properties of hypercyclic operators. Mathematische Annalen, 2016, 366, 545-572.	1.4	37
21	Chaotic asymptotic behaviour of the solutions of the Lighthill-Whitham-Richards equation. Nonlinear Dynamics, 2016, 84, 127-133.	5.2	8
22	Li-Yorke chaos in linear dynamics. Ergodic Theory and Dynamical Systems, 2015, 35, 1723-1745.	0.6	43
23	Comparison of different wavelet families for broken bar detection in induction motors. , 2015, , .		14
24	Chaotic Behaviour on Invariant Sets of Linear Operators. Integral Equations and Operator Theory, 2015, 81, 483-497.	0.8	3
25	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
26	Preface special issue: Advances and applications in qualitative studies of dynamics. Discrete and Continuous Dynamical Systems, 2015, 35, i-ii.	0.9	0
27	Dynamics, Operator Theory, and Infinite Holomorphy. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.7	0
28	Distributional chaos for operators with full scrambled sets. Mathematische Zeitschrift, 2013, 274, 603-612.	0.9	32
29	Some questions about subspace-hypercyclic operators. Journal of Mathematical Analysis and Applications, 2013, 408, 209-212.	1.0	11
30	Distributional chaos for linear operators. Journal of Functional Analysis, 2013, 265, 2143-2163.	1.4	64
31	Mixing properties for nonautonomous linear dynamics and invariant sets. Applied Mathematics Letters, 2013, 26, 215-218.	2.7	16
32	Strong mixing measures for linear operators and frequent hypercyclicity. Journal of Mathematical Analysis and Applications, 2013, 398, 462-465.	1.0	23
33	Distributional chaos for strongly continuous semigroups of operators. Communications on Pure and Applied Analysis, 2013, 12, 2069-2082.	0.8	25
34	Numerically hypercyclic polynomials. Archiv Der Mathematik, 2012, 99, 443-452.	0.5	2
35	Chaotic behaviour of birth-and-death models with proliferation. Journal of Difference Equations and Applications, 2012, 18, 647-655.	1.1	12
36	Distributionally chaotic translation semigroups. Journal of Difference Equations and Applications, 2012, 18, 751-761.	1.1	19

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37	The specification property for backward shifts. <i>Journal of Difference Equations and Applications</i> , 2012, 18, 599-605.	1.1	14
38	Frequent hypercyclicity, chaos, and unconditional Schauder decompositions. <i>Israel Journal of Mathematics</i> , 2012, 190, 389-399.	0.8	11
39	Disjoint mixing operators. <i>Journal of Functional Analysis</i> , 2012, 263, 1283-1322.	1.4	49
40	Numerically Hypercyclic Operators. <i>Integral Equations and Operator Theory</i> , 2012, 72, 393-402.	0.8	4
41	Foreword: Hypercyclicity and linear chaos. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2011, 105, 359-360.	1.2	0
42	Lià€Yorke and distributionally chaotic operators. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 373, 83-93.	1.0	73
43	Disjoint hypercyclic linear fractional composition operators. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 381, 843-856.	1.0	34
44	Frequently hypercyclic semigroups. <i>Studia Mathematica</i> , 2011, 202, 227-242.	0.7	23
45	CHAOTIC POLYNOMIALS ON SEQUENCE AND FUNCTION SPACES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010, 20, 2861-2867.	1.7	7
46	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
47	Slow Growth for Universal Harmonic Functions. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 253690.	1.1	4
48	Weakly mixing operators on topological vector spaces. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2010, 104, 413-426.	1.2	15
49	Existence of hypercyclic polynomials on complex FrÃ©chet spaces. <i>Topology and Its Applications</i> , 2009, 156, 3007-3010.	0.4	6
50	Distributional chaos for backward shifts. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 351, 607-615.	1.0	50
51	Chaos on hyperspaces. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2009, 71, 1-8.	1.1	57
52	Hypercyclic translation $\mathbb{C}_0$ -semigroups on complex sectors. <i>Discrete and Continuous Dynamical Systems</i> , 2009, 25, 1195-1208.	0.9	30
53	Erratum to â€œUniform convergence and chaotic behaviorâ€• [Nonlinear Anal. TMA 65 (4) (2006) 933â€“937]. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2008, 68, 1406-1407.	1.1	2
54	Hypercyclic behaviour of operators in a hypercyclic $\langle \text{mml:math altimg=}$  $\text{overflow=}$ <code>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" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd" Journal of Functiona</code>	1.4	67

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55	Powers of Hypercyclic Functions for Some Classical Hypercyclic Operators. <i>Integral Equations and Operator Theory</i> , 2007, 58, 591-596.	0.8	23
56	Disjointness in hypercyclicity. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 336, 297-315.	1.0	83
57	Application and optimization of the discrete wavelet transform for the detection of broken rotor bars in induction machines. <i>Applied and Computational Harmonic Analysis</i> , 2006, 21, 268-279.	2.2	96
58	Linear transitivity criteria. <i>Topology and Its Applications</i> , 2005, 153, 767-773.	0.4	31
59	Set-valued discrete chaos. <i>Chaos, Solitons and Fractals</i> , 2005, 26, 19-23.	5.1	49
60	Frequently dense orbits. <i>Comptes Rendus Mathematique</i> , 2005, 341, 123-128.	0.3	31
61	Syndetically Hypercyclic Operators. <i>Integral Equations and Operator Theory</i> , 2005, 51, 275-281.	0.8	22
62	TRANSITIVE AND HYPERCYCLIC OPERATORS ON LOCALLY CONVEX SPACES. <i>Bulletin of the London Mathematical Society</i> , 2005, 37, 254-264.	0.8	23
63	Hypercyclic, topologically mixing and chaotic semigroups on Banach spaces. <i>Studia Mathematica</i> , 2005, 170, 57-75.	0.7	63
64	On hypercyclicity and supercyclicity criteria. <i>Bulletin of the Australian Mathematical Society</i> , 2004, 70, 45-54.	0.5	43
65	Universal and chaotic multipliers on spaces of operators. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 297, 599-611.	1.0	45
66	Universality and chaos for tensor products of operators. <i>Journal of Approximation Theory</i> , 2003, 124, 7-24.	0.8	26
67	Chaotic polynomials on Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2003, 287, 487-493.	1.0	12
68	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
69	CHAOS FOR BACKWARD SHIFT OPERATORS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002, 12, 1703-1715.	1.7	47
70	$\mathbb{C}$ -supercyclic versus $\mathbb{R}^+$ -supercyclic operators. <i>Archiv Der Mathematik</i> , 2002, 79, 125-130.	0.5	11
71	Hypercyclic semigroups and somewhere dense orbits. <i>Comptes Rendus Mathematique</i> , 2002, 335, 895-898.	0.3	21
72	Erratum to "Chaotic polynomials on Fréchet spaces". <i>Proceedings of the American Mathematical Society</i> , 2001, 129, 3759-3760.	0.8	8

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73	Multi-hypercyclic operators are hypercyclic. <i>Mathematische Zeitschrift</i> , 2001, 236, 779-786.	0.9	37
74	A Banach Space which Admits No Chaotic Operator. <i>Bulletin of the London Mathematical Society</i> , 2001, 33, 196-198.	0.8	38
75	Hereditarily Hypercyclic Operators. <i>Journal of Functional Analysis</i> , 1999, 167, 94-112.	1.4	201
76	Hypercyclic Operators on Non-normable Fréchet Spaces. <i>Journal of Functional Analysis</i> , 1998, 159, 587-595.	1.4	82
77	Maurey's Extension Theorem and Grothendieck's Problèmes Des Topologies. <i>Journal of the London Mathematical Society</i> , 1998, 58, 679-696.	1.0	0
78	A Projective Description of the Nachbin-Ported Topology. <i>Journal of Mathematical Analysis and Applications</i> , 1996, 197, 635-657.	1.0	4
79	Fréchet Schwartz spaces and approximation properties. <i>Mathematische Annalen</i> , 1994, 300, 739-744.	1.4	2
80	Some Questions of Heinrich on Ultrapowers of Locally Convex Spaces. <i>Mathematische Nachrichten</i> , 1993, 161, 271-282.	0.8	1
81	Some results on Fréchet spaces with the density condition. <i>Archiv Der Mathematik</i> , 1992, 59, 286-293.	0.5	6