

Luis Bernal González

List of Publications by Year in descending order

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86
papers

1,086
citations

623574

14
h-index

454834

30
g-index

86
all docs

86
docs citations

86
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear subsets of nonlinear sets in topological vector spaces. Bulletin of the American Mathematical Society, 2013, 51, 71-130.	0.8	156
2	On hypercyclic operators on Banach spaces. Proceedings of the American Mathematical Society, 1999, 127, 1003-1010.	0.4	106
3	Disjoint hypercyclic operators. Studia Mathematica, 2007, 182, 113-131.	0.4	71
4	Lineability criteria, with applications. Journal of Functional Analysis, 2014, 266, 3997-4025.	0.7	64
5	Universal functions for composition operators. Complex Variables and Elliptic Equations, 1995, 27, 47-56.	0.2	58
6	The Hypercyclicity Criterion for sequences of operators. Studia Mathematica, 2003, 157, 17-32.	0.4	47
7	Densely hereditarily hypercyclic sequences and large hypercyclic manifolds. Proceedings of the American Mathematical Society, 1999, 127, 3279-3285.	0.4	37
8	Algebraic genericity of strict-order integrability. Studia Mathematica, 2010, 199, 279-293.	0.4	36
9	Dense-lineability in spaces of continuous functions. Proceedings of the American Mathematical Society, 2008, 136, 3163-3169.	0.4	34
10	Hypercyclic Sequences of Differential and Antidifferential Operators. Journal of Approximation Theory, 1999, 96, 323-337.	0.5	26
11	Spaceability of strict order integrability. Journal of Mathematical Analysis and Applications, 2012, 385, 303-309.	0.5	23
12	Lineability of sets of nowhere analytic functions. Journal of Mathematical Analysis and Applications, 2008, 340, 1284-1295.	0.5	18
13	Existence and nonexistence of hypercyclic semigroups. Proceedings of the American Mathematical Society, 2006, 135, 755-766.	0.4	17
14	Holomorphic T-Monsters and Strongly Omnipresent Operators. Journal of Approximation Theory, 2000, 104, 204-219.	0.5	14
15	Dense Linear Manifolds of Monsters. Journal of Approximation Theory, 2002, 119, 156-180.	0.5	14
16	Maximal cluster sets along arbitrary curves. Journal of Approximation Theory, 2004, 129, 207-216.	0.5	14
17	Peano curves on topological vector spaces. Linear Algebra and Its Applications, 2014, 460, 81-96.	0.4	14
18	Exponential type of hypercyclic entire functions. Archiv Der Mathematik, 2002, 78, 283-290.	0.3	13

#	ARTICLE	IF	CITATIONS
19	entire functions for affine endomorphisms of \mathbb{C}^n . <i>Studia Mathematica</i> , 2000, 138, 241-250.	0.5	13
20	Universal images of universal elements. <i>Studia Mathematica</i> , 2000, 138, 241-250.	0.4	12
21	Linear Kierst�Szpilrajn theorems. <i>Studia Mathematica</i> , 2005, 166, 55-69.	0.4	12
22	Derivative and antiderivative operators and the size of complex domains. <i>Annales Polonici Mathematici</i> , 1994, 59, 267-274.	0.2	11
23	Universal functions for Taylor shifts. <i>Complex Variables and Elliptic Equations</i> , 1996, 31, 121-129.	0.2	10
24	Strongly omnipresent operators: general conditions and applications to composition operators. <i>Journal of the Australian Mathematical Society</i> , 2002, 72, 335-348.	0.3	10
25	Universal Taylor series with maximal cluster sets. <i>Revista Matem�tica Iberoamericana</i> , 2009, 25, 757-780.	0.4	10
26	Linear structure of weighted holomorphic non-extendibility. <i>Bulletin of the Australian Mathematical Society</i> , 2006, 73, 335-344.	0.3	9
27	Maximal Cluster Sets of L-Analytic Functions Along Arbitrary Curves. <i>Constructive Approximation</i> , 2007, 25, 211-219.	1.8	9
28	Cyclicity of coefficient multipliers: Linear structure. <i>Acta Mathematica Hungarica</i> , 2007, 114, 287-300.	0.3	9
29	Lineability of Universal Divergence of Fourier Series. <i>Integral Equations and Operator Theory</i> , 2012, 74, 271-279.	0.4	9
30	Common hypercyclic functions for multiples of convolution and non-convolution operators. <i>Proceedings of the American Mathematical Society</i> , 2009, 137, 3787-3787.	0.4	8
31	Large subspaces of compositionally universal functions with maximal cluster sets. <i>Journal of Approximation Theory</i> , 2012, 164, 253-267.	0.5	8
32	Families of strongly annular functions: linear structure. <i>Revista Matem�tica Complutense</i> , 2013, 26, 283-297.	0.7	8
33	The set of space-filling curves: Topological and algebraic structure. <i>Linear Algebra and Its Applications</i> , 2015, 467, 57-74.	0.4	8
34	Sequences of differential operators: exponentials, hypercyclicity and equicontinuity. <i>Annales Polonici Mathematici</i> , 2001, 77, 169-187.	0.2	8
35	A Lot of Counterexamples to Liouville's Theorem. <i>Journal of Mathematical Analysis and Applications</i> , 1996, 201, 1002-1009.	0.5	7
36	On universal entire functions with zero-free derivatives. <i>Archiv Der Mathematik</i> , 1997, 68, 145-150.	0.3	7

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37	Operators with Dense Images Everywhere. Journal of Mathematical Analysis and Applications, 2001, 263, 95-109.	0.5	7
38	Strongly omnipresent integral operators. Integral Equations and Operator Theory, 2002, 44, 397-409.	0.4	7
39	Universal Transforms of the Geometric Series under Generalized Riesz Methods. Computational Methods and Function Theory, 2004, 3, 285-297.	0.8	7
40	Simultaneously maximal radial cluster sets. Journal of Approximation Theory, 2005, 135, 114-124.	0.5	7
41	Hypercyclic subspaces in Fréchet spaces. Proceedings of the American Mathematical Society, 2005, 134, 1955-1961.	0.4	7
42	Vector spaces of non-extendable holomorphic functions. Journal D'Analyse Mathématique, 2018, 134, 769-786.	0.4	7
43	Compositional frequent hypercyclicity on weighted Dirichlet spaces. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2010, 17, .	0.1	7
44	Large linear manifolds of noncontinuable boundary-regular holomorphic functions. Journal of Mathematical Analysis and Applications, 2008, 341, 337-345.	0.5	6
45	Dense-lineability of sets of Birkhoff-universal functions with rapid decay. Journal of Mathematical Analysis and Applications, 2010, 363, 327-335.	0.5	6
46	Compositionally Universal Entire Functions on the Plane and the Punctured Plane. Complex Analysis and Operator Theory, 2013, 7, 577-592.	0.3	6
47	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mo stretchy="false"} \rangle [\langle \text{mml:mo} \rangle \langle \text{mml:mi mathvariant="script"} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle] \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ -linear and convex structures in function families. Linear Algebra and Its Applications, 2019, 579, 463-483.	0.4	6
48	Algebraic genericity within the class of sup-measurable functions. Journal of Mathematical Analysis and Applications, 2020, 483, 123576.	0.5	6
49	Small Entire Functions with Extremely Fast Growth. Journal of Mathematical Analysis and Applications, 1997, 207, 541-548.	0.5	5
50	U-Operators. Journal of the Australian Mathematical Society, 2005, 78, 59-90.	0.3	5
51	Universality of holomorphic functions bounded on closed sets. Journal of Mathematical Analysis and Applications, 2006, 315, 302-316.	0.5	5
52	Banach Spaces of Universal Taylor Series in the Disc Algebra. Integral Equations and Operator Theory, 2016, 86, 1-11.	0.4	5
53	Holomorphic Operators Generating Dense Images. Integral Equations and Operator Theory, 2008, 60, 1-11.	0.4	4
54	Order of growth of distributionally irregular entire functions for the differentiation operator. Complex Variables and Elliptic Equations, 2016, 61, 1176-1186.	0.4	4

#	ARTICLE	IF	CITATIONS
55	Anti-Fubini and pseudo-Fubini functions. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	4
56	Linear Independence of Iterates of Entire Functions. Proceedings of the American Mathematical Society, 1991, 112, 1033.	0.4	3
57	Two hyperbolic Schwarz lemmas. Bulletin of the Australian Mathematical Society, 2002, 66, 17-24.	0.3	3
58	Universality and summability of trigonometric polynomials and trigonometric series. Periodica Mathematica Hungarica, 2003, 46, 119-133.	0.5	3
59	Interpolation by hypercyclic functions for differential operators. Journal of Approximation Theory, 2009, 157, 134-143.	0.5	3
60	Simultaneous universality. Journal of Approximation Theory, 2018, 232, 43-65.	0.5	3
61	Nowhere \hat{h} -Alderian functions and Pringsheim singular functions in the disc algebra. Monatshefte Fur Mathematik, 2019, 188, 591-609.	0.5	3
62	Subspaces of Frequently Hypercyclic Functions for Sequences of Composition Operators. Constructive Approximation, 2019, 50, 323-339.	1.8	3
63	A Seidel-Walsh theorem with linear differential operators. Archiv Der Mathematik, 1999, 72, 367-375.	0.3	2
64	Backward \hat{h} -shifts and universality. Journal of Mathematical Analysis and Applications, 2005, 306, 180-196.	0.5	2
65	Large Algebras of Singular Functions Vanishing on Prescribed Sets. Results in Mathematics, 2017, 71, 1207-1221.	0.4	2
66	The algebraic size of the family of injective operators. Open Mathematics, 2017, 15, 13-20.	0.5	2
67	Universality of sequences of operators related to Taylor series. Journal of Mathematical Analysis and Applications, 2019, 474, 480-491.	0.5	2
68	Holomorphic surjectivity near the boundary: topological and algebraic genericity. Linear and Multilinear Algebra, 2020, 68, 1434-1456.	0.5	2
69	Universal functions with prescribed zeros and interpolation properties. Michigan Mathematical Journal, 2009, 58, .	0.2	2
70	A Schwarz Lemma for Convex Domains in Arbitrary Banach Spaces. Journal of Mathematical Analysis and Applications, 1996, 200, 511-517.	0.5	1
71	Monsters in Hardy and Bergman Spaces. Complex Variables and Elliptic Equations, 2002, 47, 373-382.	0.2	1
72	Universal matrix-overconvergence of noncontinuable holomorphic functions. Analysis Mathematica, 2005, 31, 235-250.	0.2	1

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73	On the growth of zero-free MacLane-universal entire functions. <i>Indagationes Mathematicae</i> , 2012, 23, 311-317.	0.2	1
74	Holomorphic functions on non-Runge domains and related problems. <i>Linear Algebra and Its Applications</i> , 2016, 511, 226-236.	0.4	1
75	Rate of Growth of Hypercyclic and Frequently Hypercyclic Functions for the Dunkl Operator. <i>Mediterranean Journal of Mathematics</i> , 2016, 13, 3359-3372.	0.4	1
76	Infinite dimensional holomorphic non-extendability and algebraic genericity. <i>Linear Algebra and Its Applications</i> , 2017, 513, 149-159.	0.4	1
77	Anti-Höpital Differentiable Functions. <i>Mediterranean Journal of Mathematics</i> , 2017, 14, 1.	0.4	1
78	Boundary-Nonregular Functions in the Disc Algebra and in Holomorphic Lipschitz Spaces. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1.	0.4	1
79	Structural aspects of the non-uniformly continuous functions and the unbounded functions within $C(X)$. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 472, 372-385.	0.5	1
80	Holomorphic Functions Having Large Images under the Action of Differential Operators. <i>Journal of Mathematical Analysis and Applications</i> , 1999, 230, 390-399.	0.5	0
81	BOUNDARY-CHAOTIC BEHAVIOUR OF CONTINUOUS FUNCTIONS UNDER THE ACTION OF OPERATORS. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2003, 46, 451-464.	0.2	0
82	Universality on higher order Hardy spaces. <i>Bulletin of the Australian Mathematical Society</i> , 2005, 71, 17-28.	0.3	0
83	Supercyclic sequences of differential operators. <i>Acta Mathematica Hungarica</i> , 2005, 107, 89-108.	0.3	0
84	Non-Lipschitz differentiable functions on slit domains. <i>Revista Matemática Complutense</i> , 2017, 30, 269-279.	0.7	0
85	Undominated Sequences of Integrable Functions. <i>Mediterranean Journal of Mathematics</i> , 2020, 17, 1.	0.4	0
86	Dense range perturbations of hypercyclic operators. <i>Colloquium Mathematicum</i> , 2002, 91, 283-292.	0.2	0