Flavia Colonna

List of Publications by Year
in descending order

67 papers	941 citations	567281 15 h-index	501196 28 g-index
69 all docs	69 docs citations	69 times ranked	359 citing authors

#	Article	IF	Citations
1	Shearlet-Based Total Variation Diffusion for Denoising. IEEE Transactions on Image Processing, 2009, 18, 260-268.	9.8	188
2	Title is missing!. Indiana University Mathematics Journal, 1989, 38, 829.	0.9	115
3	Radon transform inversion using the shearlet representation. Applied and Computational Harmonic Analysis, 2010, 29, 232-250.	2.2	65
4	Weighted Composition Operators from H âˆž to the Bloch Space of a Bounded Homogeneous Domain. Integral Equations and Operator Theory, 2010, 66, 21-40.	0.8	32
5	Operator norms and essential norms of weighted composition operators between Banach spaces of analytic functions. Journal of Mathematical Analysis and Applications, 2016, 434, 93-124.	1.0	31
6	Bloch and normal functions and their relation. Rendiconti Del Circolo Matematico Di Palermo, 1989, 38, 161-180.	1.3	29
7	Characterisation of the isometric composition operators on the Bloch space. Bulletin of the Australian Mathematical Society, 2005, 72, 283-290.	0.5	26
8	Multiplication Operators on the Lipschitz Space of a Tree. Integral Equations and Operator Theory, 2010, 68, 391-411.	0.8	26
9	New criteria for boundedness and compactness of weighted composition operators mapping into the Bloch space. Central European Journal of Mathematics, 2013, 11, 55-73.	0.7	24
10	Weighted Composition Operators from the Minimal MÃ¶bius Invariant Space into the Bloch Space. Mediterranean Journal of Mathematics, 2013, 10, 395-409.	0.8	24
11	On the isometric composition operators on the Bloch space in <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/	1.0	23
12	Generalized Discrete Radon Transforms and Their Use in the Ridgelet Transform. Journal of Mathematical Imaging and Vision, 2005, 23, 145-165.	1.3	21
13	ISOMETRIES AND SPECTRA OF MULTIPLICATION OPERATORS ON THE BLOCH SPACE. Bulletin of the Australian Mathematical Society, 2009, 79, 147-160.	0.5	18
14	Multiplication Operators Between the Lipschitz Space and the Space of Bounded Functions on a Tree. Mediterranean Journal of Mathematics, 2012, 9, 423-438.	0.8	16
15	Multiplication Operators on the Iterated Logarithmic Lipschitz Spaces of a Tree. Mediterranean Journal of Mathematics, 2012, 9, 575-600.	0.8	16
16	Composition Operators on the Lipschitz Space of a Tree. Mediterranean Journal of Mathematics, 2014, 11, 97-108.	0.8	16
17	Multiplication operators on the weighted Lipschitz space of a tree. Journal of Operator Theory, 2013, 69, 209-231.	0.4	15
18	Polyharmonic functions on trees. American Journal of Mathematics, 2002, 124, 999-1043.	1.1	14

#	Article	IF	Citations
19	Trees as Brelot spaces. Advances in Applied Mathematics, 2003, 30, 706-745.	0.7	11
20	WEighted Composition Operators on the Bloch Space of a Bounded Homogeneous Domain. , 2010, , 11-37.		11
21	The Bloch Constant of Bounded Analytic Functions. Journal of the London Mathematical Society, 1987, s2-36, 95-101.	1.0	10
22	Distributions and measures on the boundary of a tree. Journal of Mathematical Analysis and Applications, 2004, 293, 89-107.	1.0	10
23	Multiplication Operators between Lipschitz-Type Spaces on a Tree. International Journal of Mathematics and Mathematical Sciences, 2011, 2011, 1-36.	0.7	10
24	Weighted composition operators from the Besov spaces into the weighted-type spaceHÎ¼âˆž. Journal of Mathematical Analysis and Applications, 2013, 402, 594-611.	1.0	10
25	Hypercyclicity of Composition Operators on Banach Spaces of Analytic Functions. Complex Analysis and Operator Theory, 2018, 12, 305-323.	0.6	10
26	The Multichannel Deconvolution Problem: A Discrete Analysis. Journal of Fourier Analysis and Applications, 2004, 10, 351-376.	1.0	9
27	Multiplication Operators on the Bloch Space of Bounded Homogeneous Domains. Computational Methods and Function Theory, 2009, 9, 679-693.	1.5	8
28	Norm of the multiplication operators from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>H</mml:mi><mml:mo>âˆž</mml:mo></mml:msup></mml:math> to the Bloch space of a bounded symmetric domain. Journal of Mathematical Analysis and Applications, 2011, 382, 621-630.	1.0	8
29	Weighted Composition Operators From $$H^\infty $$ into the Zygmund Spaces. Complex Analysis and Operator Theory, 2013, 7, 1495-1512.	0.6	8
30	Bounded holomorphic functions on bounded symmetric domains. Transactions of the American Mathematical Society, 1994, 343, 135-156.	0.9	7
31	Embeddings of trees in the hyperbolic disk. Complex Variables and Elliptic Equations, 1994, 24, 331-335.	0.2	7
32	WEIGHTED COMPOSITION OPERATORS BETWEEN HâˆžAND BMOA. Bulletin of the Korean Mathematical Society, 2013, 50, 185-200.	0.3	7
33	Extreme points of the Bloch space of a homogeneous tree. Israel Journal of Mathematics, 1996, 94, 247-271.	0.8	6
34	Preimages of One-Point Sets of Bloch and Normal Functions. Mediterranean Journal of Mathematics, 2006, 3, 513-532.	0.8	6
35	Some classes of operators with symbol on the Lipschitz space of a tree. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	6
36	Characterizations of Bloch-Type Spaces of Harmonic Mappings. Journal of Function Spaces, 2019, 2019, 1-11.	0.9	6

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37	Weighted Composition Operators on Iterated Weighted-Type Banach Spaces of Analytic Functions. Complex Analysis and Operator Theory, 2019, 13, 1989-2016.	0.6	6
38	Operator Norms and Essential Norms of Weighted Composition Operators from Analytic Function Spaces into Zygmund-type Spaces. Complex Analysis and Operator Theory, 2020, 14, 1.	0.6	6
39	Spectral Analysis on Homogeneous Trees. Advances in Applied Mathematics, 1998, 20, 253-274.	0.7	5
40	Function Series, Catalan Numbers, and Random Walks on Trees. American Mathematical Monthly, 2005, 112, 765-785.	0.3	5
41	A global Riesz decomposition theorem on trees without positive potentials. Journal of the London Mathematical Society, 2007, 75, 1-17.	1.0	5
42	Multiplication Operators Between Iterated Logarithmic Lipschitz Spaces of a Tree. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	5
43	Biharmonic Green Functions on Homogeneous Trees. Mediterranean Journal of Mathematics, 2009, 6, 249-271.	0.8	4
44	Weighted Composition Operators from the Bloch Space and the Analytic Besov Spaces into the Zygmund Space. Journal of Operators, 2013, 2013, 1-9.	0.3	4
45	Bergman Spaces and Carleson Measures on Homogeneous Isotropic Trees. Potential Analysis, 2016, 44, 745-766.	0.9	4
46	ON THE HARMONIC ZYGMUND SPACES. Bulletin of the Australian Mathematical Society, 2020, 101, 466-476.	0.5	4
47	Composition Operators on Some Banach Spaces of Harmonic Mappings. Journal of Function Spaces, 2020, 2020, 1-11.	0.9	4
48	Essential Norms of Weighted Composition Operators from Hilbert Function Spaces into Zygmund-Type Spaces. Mediterranean Journal of Mathematics, 2015, 12, 1357-1375.	0.8	3
49	Hypercyclicity of Composition Operators on Discrete Weighted Banach Spaces. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.8	3
50	Range of the horocyclic Radon transform on trees. Annales De L'Institut Fourier, 2000, 50, 211-234.	0.6	3
51	Function Series, Catalan Numbers, and Random Walks on Trees. American Mathematical Monthly, 2005, 112, 765.	0.3	2
52	Generalized Discrete Radon Transforms and Applications to Image Processing. Advances in Imaging and Electron Physics, 2009, 151, 169-239.	0.2	2
53	Biharmonic extensions on trees without positive potentials. Journal of Mathematical Analysis and Applications, 2011, 378, 710-722.	1.0	2
54	A global Riesz decomposition theorem on trees without positive potentials. Journal of the London Mathematical Society, 2011, 83, 810-810.	1.0	2

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55	Carleson measures on a homogeneous tree. Journal of Mathematical Analysis and Applications, 2012, 395, 403-412.	1.0	2
56	The Bloch constant of bounded analytic functions on a multiply connected domain. Proceedings of the American Mathematical Society, 1991, 112, 1055-1055.	0.8	1
57	Improved total variation algorithms for wavelet-based denoising. , 2007, , .		1
58	Classification of harmonic structures on graphs. Advances in Applied Mathematics, 2009, 43, 113-136.	0.7	1
59	Carleson and Vanishing Carleson Measures on Radial Trees. Mediterranean Journal of Mathematics, 2013, 10, 1235-1258.	0.8	1
60	Fractal functions with no radial limits in Bergman spaces on trees. Hokkaido Mathematical Journal, 2018, 47, .	0.3	1
61	Carleson Measures for Non-negative Subharmonic Functions on Homogeneous Trees. Potential Analysis, 2020, 52, 41-67.	0.9	1
62	Weighted Composition Operators from Banach Spaces of Holomorphic Functions to Weighted-Type Banach Spaces on the Unit Ball in $$\mathbb {C}^n$$. Complex Analysis and Operator Theory, 2020, 14, 1.	0.6	1
63	Weighted composition operators between weighted-type spaces and the Bloch space and BMOA. Advances in Operator Theory, 2020, 5, 94-114.	0.6	1
64	The distribution of radial eigenvalues of the Euclidean Laplacian on homogeneous isotropic trees. Complex Analysis and Its Synergies, 2021, 7, 1.	0.3	1
65	On normality of Blaschke quotients. Proceedings of the American Mathematical Society, 1988, 102, 71-77.	0.8	1
66	Image recovery from exponential blurring. Circuits, Systems, and Signal Processing, 1996, 15, 261-274.	2.0	0
67	Analytic eigendistributions and applications to homogeneous trees. Advances in Applied Mathematics, 2002, 29, 539-562.	0.7	0