Alessandro Fonda

List of Publications by Year
in descending order

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78	1,229	331670 21	414414 32
papers	citations	h-index	g-index

78	78	78	236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A systematic approach to nonresonance conditions for periodically forced planar Hamiltonian systems. Annali Di Matematica Pura Ed Applicata, 2022, 201, 1033-1074.	1.0	2
2	Two-point boundary value problems for planar systems: A lower and upper solutions approach. Journal of Differential Equations, 2022, 308, 507-544.	2.2	4
3	A dynamical approach to lower and upper solutions for planar systems "To the memory of Massimo Tarallo". Discrete and Continuous Dynamical Systems, 2021, 41, 3683.	0.9	9
4	Well-Ordered and Non-Well-Ordered Lower and Upper Solutions for Periodic Planar Systems. Advanced Nonlinear Studies, 2021, 21, 397-419.	1.7	9
5	Periodic Solutions of Second-Order Differential Equations in Hilbert Spaces. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.8	5
6	Periodic solutions of nearly integrable Hamiltonian systems bifurcating from infinite-dimensional tori. Nonlinear Analysis: Theory, Methods & Applications, 2020, 201, 111720.	1.1	3
7	Coupling linearity and twist: an extension of the PoincarÃ©â€“Birkhoff theorem for Hamiltonian systems. Nonlinear Differential Equations and Applications, 2020, 27, 1.	0.8	8
8	A PoincarÃ©â€“Birkhoff theorem for Hamiltonian flows on nonconvex domains. Journal Des Mathematiques Pures Et Appliquees, 2019, 129, 131-152.	1.6	5
9	Generalizing the Lusternik-Schnirelmann critical point theorem. Bulletin of the London Mathematical Society, 2019, 51, 25-33.	0.8	0
10	A generalization of the parallelogram law to higher dimensions. Ars Mathematica Contemporanea, 2019, 16, 411-417.	0.6	0
11	Periodic perturbations with rotational symmetry of planar systems driven by a central force. Journal of Differential Equations, 2018, 264, 7055-7068.	2.2	8
12	A higher dimensional PoincarÃ©â€“Birkhoff theorem for Hamiltonian flows. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2017, 34, 679-698.	1.4	43
13	On a singular periodic Ambrosettiâ€“Prodi problem. Nonlinear Analysis: Theory, Methods & Applications, 2017, 149, 146-155.	1.1	17
14	Radial periodic perturbations of the Kepler problem. Celestial Mechanics and Dynamical Astronomy, 2017, 129, 257-268.	1.4	11
15	An avoiding cones condition for the PoincarÃ©â€“Birkhoff Theorem. Journal of Differential Equations, 2017, 262, 1064-1084.	2.2	9
16	Subharmonic solutions of Hamiltonian systems displaying some kind of sublinear growth. Advances in Nonlinear Analysis, 2017, 8, 583-602.	2.6	16
17	Multiple periodic solutions of Hamiltonian systems confined in a box. Discrete and Continuous Dynamical Systems, 2017, 37, 1425-1436.	0.9	10
18	Periodic perturbations of Hamiltonian systems. Advances in Nonlinear Analysis, 2016, 5, 367-382.	2.6	24

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19	A higher-dimensional PoincarÃ©â€“Birkhoff theorem without monotone twist. Comptes Rendus Mathematique, 2016, 354, 475-479.	0.3	5
20	Generalizing the PoincarÃ©â€“Miranda theorem: the avoiding cones condition. Annali Di Matematica Pura Ed Applicata, 2016, 195, 1347-1371.	1.0	22
21	Periodic solutions of weakly coupled superlinear systems. Journal of Differential Equations, 2016, 260, 2150-2162.	2.2	34
22	A Myriad of Periodic Solutions. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 231-254.	0.5	2
23	Playing Around Resonance. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 137-156.	0.5	1
24	Preliminaries on Hilbert Spaces. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 1-29.	0.5	0
25	Nonresonance and Topological Degree. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 101-135.	0.5	0
26	The Topological Degree. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 71-99.	0.5	0
27	The PoincarÃ©â€“Birkhoff Theorem. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 213-229.	0.5	0
28	The Semilinear Problem. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 47-70.	0.5	0
29	At Resonance, Again. BirkhÃuser Advanced Texts Basler LehrbÃ¼cher, 2016, , 173-191.	0.5	0
30	A permanence theorem for local dynamical systems. Nonlinear Analysis: Theory, Methods & Applications, 2015, 121, 73-81.	1.1	1
31	Existence and uniqueness of solutions for semilinear equations involving anti-selfadjoint operators. Portugaliae Mathematica, 2014, 71, 183-192.	0.4	0
32	On a Geometrical Formula Involving Medians and Bimedians. Mathematics Magazine, 2013, 86, 351-357.	0.1	1
33	Periodic Bouncing Solutions for Nonlinear Impact Oscillators. Advanced Nonlinear Studies, 2013, 13, 179-189.	1.7	6
34	A Landesmanâ€“Lazer-type condition for asymptotically linear second-order equations with a singularity. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2012, 142, 1263-1277.	1.2	10
35	Periodic Solutions of Pendulum-Like Hamiltonian Systems in the Plane. Advanced Nonlinear Studies, 2012, 12, 395-408.	1.7	18
36	Periodic motions in a gravitational central field with a rotating external force. Celestial Mechanics and Dynamical Astronomy, 2012, 113, 335-342.	1.4	7

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37	A multiplicity result for periodic solutions of second order differential equations with a singularity. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 4457-4470.	1.1	7
38	Periodic solutions of singular radially symmetric systems with superlinear growth. Annali Di Matematica Pura Ed Applicata, 2012, 191, 181-204.	1.0	19
39	A general method for the existence of periodic solutions of differential systems in the plane. Journal of Differential Equations, 2012, 252, 1369-1391.	2.2	22
40	Periodic solutions of radially symmetric perturbations of Newtonian systems. Proceedings of the American Mathematical Society, 2012, 140, 1331-1341.	0.8	25
41	Nonlinear Resonance: a Comparison Between Landesman-Lazer and Ahmad-Lazer-Paul Conditions. Advanced Nonlinear Studies, 2011, 11, 391-404.	1.7	13
42	Periodic Orbits of Radially Symmetric Systems with a Singularity: the Repulsive Case. Advanced Nonlinear Studies, 2011, 11, 853-874.	1.7	18
43	Radially symmetric systems with a singularity and asymptotically linear growth. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 2485-2496.	1.1	25
44	Double resonance with Landesmanâ€“Lazer conditions for planar systems of ordinary differential equations. Journal of Differential Equations, 2011, 250, 1052-1082.	2.2	19
45	Periodic, subharmonic, and quasi-periodic oscillations under the action of a central force. Discrete and Continuous Dynamical Systems, 2011, 29, 169-192.	0.9	31
46	Multiple periodic solutions of scalar second order differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 4005-4015.	1.1	8
47	Periodic orbits of radially symmetric Keplerian-like systems: A topological degree approach. Journal of Differential Equations, 2008, 244, 3235-3264.	2.2	46
48	Unbounded Motions of Perturbed Isochronous Hamiltonian Systems at Resonance. Advanced Nonlinear Studies, 2005, 5, 351-373.	1.7	14
49	Periodic solutions of perturbed isochronous hamiltonian systems at resonance. Journal of Differential Equations, 2005, 214, 299-325.	2.2	16
50	Positively homogeneous hamiltonian systems in the plane. Journal of Differential Equations, 2004, 200, 162-184.	2.2	32
51	Multiple solutions of positively homogeneous equations. Nonlinear Analysis: Theory, Methods & Applications, 2002, 49, 1137-1147.	1.1	0
52	Bifurcations from infinity in asymmetric nonlinear oscillators. Nonlinear Differential Equations and Applications, 2000, 7, 23-42.	0.8	6
53	Positively homogeneous equations in the plane. Discrete and Continuous Dynamical Systems, 2000, 6, 475-482.	0.9	4
54	Nonlinear Resonance in Asymmetric Oscillators. Journal of Differential Equations, 1998, 147, 58-78.	2.2	59

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55	Periodic oscillations of forced pendulums with very small length. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1997, 127, 67-76.	1.2	10
56	Periodic perturbations of scalar second order differential equations. Discrete and Continuous Dynamical Systems, 1997, 3, 451-455.	0.9	8
57	Periodic solutions for a conservative system of differential equations with a singularity of repulsive type. Nonlinear Analysis: Theory, Methods & Applications, 1995, 24, 667-676.	1.1	16
58	Large-Amplitude Subharmonic Oscillations for Scalar Second-Order Differential Equations with Asymmetric Nonlinearities. Journal of Differential Equations, 1994, 109, 354-372.	2.2	30
59	Periodic oscillations for a nonlinear suspension bridge model. Journal of Computational and Applied Mathematics, 1994, 52, 113-140.	2.0	44
60	Semilinear Equations at Resonance with Non-symmetric Linear Part. Journal of Mathematical Analysis and Applications, 1993, 180, 189-206.	1.0	4
61	Subharmonic Solutions for Some Second-Order Differential Equations with Singularities. SIAM Journal on Mathematical Analysis, 1993, 24, 1294-1311.	1.9	117
62	On the existence of periodic solutions for scalar second order differential equations when only the asymptotic behaviour of the potential is known. Proceedings of the American Mathematical Society, 1993, 119, 439-445.	0.8	17
63	Subharmonic solutions for second order differential equations. Topological Methods in Nonlinear Analysis, 1993, 1, 49.	0.2	16
64	On the use of time-maps for the solvability of nonlinear boundary value problems. Archiv Der Mathematik, 1992, 59, 245-259.	0.5	30
65	Iterative and variational methods for the solvability of some semilinear equations in Hilbert spaces. Journal of Differential Equations, 1992, 98, 355-375.	2.2	25
66	Nonlinear equations at resonance and generalized eigenvalue problems. Nonlinear Analysis: Theory, Methods & Applications, 1992, 18, 427-444.	1.1	5
67	Subharmonic solutions of conservative systems with nonconvex potentials. Proceedings of the American Mathematical Society, 1992, 115, 183-190.	0.8	29
68	Periodic solutions of nonlinear differential equations with double resonance. Annali Di Matematica Pura Ed Applicata, 1990, 157, 99-116.	1.0	36
69	Subharmonic oscillations of forced pendulum-type equations. Journal of Differential Equations, 1989, 81, 215-220.	2.2	30
70	Periodic solutions of asymptotically positively homogeneous differential equations. Journal of Differential Equations, 1989, 81, 68-97.	2.2	37
71	Quadratic forms, weighted eigenfunctions and boundary value problems for non-linear second order ordinary differential equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1989, 112, 145-153.	1.2	30
72	Lower semicontinuous perturbations of maximal monotone differential inclusions. Israel Journal of Mathematics, 1988, 61, 211-218.	0.8	16

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73	Uniformly persistent semidynamical systems. Proceedings of the American Mathematical Society, 1988, 104, 111-116.	0.8	53
74	Guiding functions and periodic solutions to functional-differential equations. Proceedings of the American Mathematical Society, 1987, 99, 79-79.	0.8	11
75	Approximate selections and fixed points for upper semicontinuous maps with decomposable values. Proceedings of the American Mathematical Society, 1986, 98, 663-666.	0.8	7
76	Non-well-ordered lower and upper solutions for semilinear systems of PDEs. Communications in Contemporary Mathematics, 0, , 2150080.	1.2	1
77	On the topological degree of planar maps avoiding normal cones. Topological Methods in Nonlinear Analysis, 0, , 1.	0.2	2
78	Subharmonic Solutions of Weakly Coupled Hamiltonian Systems. Journal of Dynamics and Differential Equations, 0, , 1.	1.9	1