

Marek Izydorek

List of Publications by Year in descending order

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28
papers

434
citations

1464605

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799663

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29
all docs

29
docs citations

29
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Homoclinics for singular strong force Lagrangian systems in \mathbb{R}^N . Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	0.9	0
2	The equivariant spectral flow and bifurcation of periodic solutions of Hamiltonian systems. Nonlinear Analysis: Theory, Methods & Applications, 2021, 211, 112475.	0.6	2
3	The Maslov index and the spectral flow – revisited. Fixed Point Theory and Applications, 2019, 2019, .	1.1	2
4	Homoclinics for singular strong force Lagrangian systems. Advances in Nonlinear Analysis, 2019, 9, 644-653.	1.3	4
5	Bifurcation of equilibrium forms of an elastic rod on a two-parameter Winkler foundation. Nonlinear Analysis: Real World Applications, 2018, 39, 451-463.	0.9	3
6	Homotopy invariance of the Conley index and local Morse homology in Hilbert spaces. Journal of Differential Equations, 2017, 263, 7162-7186.	1.1	5
7	Two families of infinitely many homoclinics for singular strong force Hamiltonian systems. Journal of Fixed Point Theory and Applications, 2014, 16, 301-311.	0.6	2
8	The shadowing chain lemma for singular Hamiltonian systems involving strong forces. Open Mathematics, 2012, 10, .	0.5	4
9	On relations between gradient and classical equivariant homotopy groups of spheres. Journal of Fixed Point Theory and Applications, 2012, 12, 49-58.	0.6	4
10	Connecting orbits for a periodically forced singular planar Newtonian system. Journal of Fixed Point Theory and Applications, 2012, 12, 59-67.	0.6	2
11	Otopy classes of equivariant maps. Journal of Fixed Point Theory and Applications, 2010, 7, 145-160.	0.6	11
12	Heteroclinic solutions for a class of the second order Hamiltonian systems. Journal of Differential Equations, 2007, 238, 381-393.	1.1	16
13	Homoclinic solutions for nonautonomous second order Hamiltonian systems with a coercive potential. Journal of Mathematical Analysis and Applications, 2007, 335, 1119-1127.	0.5	56
14	THE LS-INDEX: A SURVEY. , 2006, , 277-320.		1
15	Homoclinic solutions for a class of the second order Hamiltonian systems. Journal of Differential Equations, 2005, 219, 375-389.	1.1	225
16	Multiple solutions of indefinite elliptic systems via a Galerkin-type Conley index theory. Fundamenta Mathematicae, 2003, 176, 233-249.	0.2	4
17	Equivariant Conley index in Hilbert spaces and applications to strongly indefinite problems. Nonlinear Analysis: Theory, Methods & Applications, 2002, 51, 33-66.	0.6	20
18	On the Conley index in Hilbert spaces in the absence of uniqueness. Fundamenta Mathematicae, 2002, 171, 31-52.	0.2	9

#	ARTICLE	IF	CITATIONS
19	Conley index in Hilbert spaces and a problem of Angenent and van der Vorst. <i>Fundamenta Mathematicae</i> , 2002, 173, 77-100.	0.2	3
20	A Cohomological Conley Index in Hilbert Spaces and Applications to Strongly Indefinite Problems. <i>Journal of Differential Equations</i> , 2001, 170, 22-50.	1.1	28
21	Bourgin-Yang type theorem and its application to Z_2 -equivariant Hamiltonian systems. <i>Transactions of the American Mathematical Society</i> , 1999, 351, 2807-2831.	0.5	4
22	Bifurcations of Bounded Solutions of 1-Parameter ODE's. <i>Journal of Differential Equations</i> , 1996, 130, 267-276.	1.1	5
23	A note on the existence of heteroclinic connecting orbits in the Belousov-Zhabotinskii system. <i>Journal of Mathematical Chemistry</i> , 1994, 15, 115-121.	0.7	0
24	On the Structure of the Set of Bifurcation Points for Ordinary Differential Equations. <i>Journal of Differential Equations</i> , 1994, 107, 418-427.	1.1	3
25	On parametrized Borsuk-Ulam theorem for free Z_p -action. <i>Lecture Notes in Mathematics</i> , 1992, , 227-234.	0.1	7
26	On the number of bifurcation branches of C^2 -maps. <i>Journal of Mathematical Analysis and Applications</i> , 1992, 168, 218-224.	0.5	1
27	Nonsymmetric version of Bourgin-Yang theorem for multi-valued maps and free Z_p -actions. <i>Journal of Mathematical Analysis and Applications</i> , 1989, 137, 349-353.	0.5	4
28	A convergence result for mountain pass periodic solutions of perturbed Hamiltonian systems. <i>Communications in Contemporary Mathematics</i> , 0, , .	0.6	0