Cañada Villar, Antonio

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External Links: MGP · ORCID · GND

Documents Indexed: 66 Publications since 1979, including 2 Books
3 Contributions as Editor
Reviewing Activity: 216 Reviews
Co-Authors: 12 Co-Authors with 54 Joint Publications
293 Co-Co-Authors

Co-Authors

11 single-authored
15 Villegas, Salvador
9 Gámez Ruiz, José Luis
7 Ruiz, David
5 Drábek, Pavel
5 Martinez-Amores, Pedro
5 Zertiti, Abderrahim
3 Arcoya, David
3 Fonda, Alessandro
3 Ureña, Antonio J.
2 Ortega, Rafael
1 Magal, Pierre
1 Montero-Sánchez, Juan-Aurelio

Serials

7 Nonlinear Analysis. Theory, Methods & Applications
5 Journal of Mathematical Analysis and Applications
3 Discrete and Continuous Dynamical Systems
3 Handbook of Differential Equations
2 Nonlinear Analysis. Theory, Methods & Applications. Series A: Theory and Methods
2 Extracta Mathematicae
2 Differential and Integral Equations
2 M^3AS. Mathematical Models & Methods in Applied Sciences
1 Annali di Matematica Pura ed Applicata. Serie Quarta
1 Commentationes Mathematicae Universitatis Carolinae
1 Journal of Differential Equations

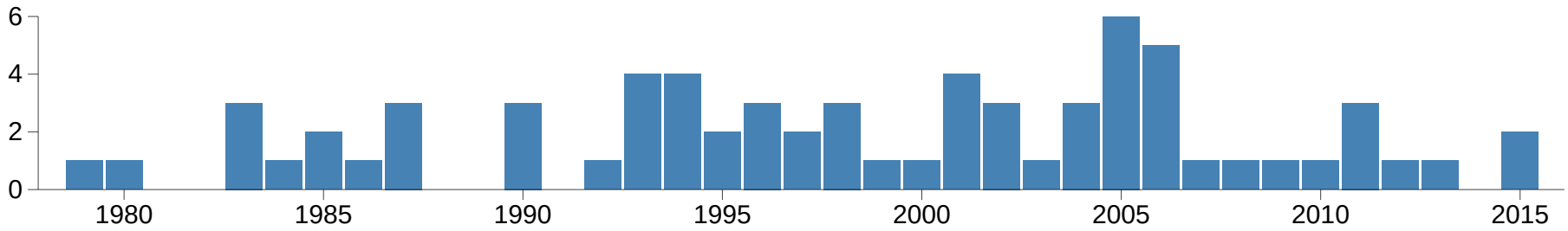
Fields

41 Ordinary differential equations (34-XX)
25 Partial differential equations (35-XX)
13 Operator theory (47-XX)
12 Biology and other natural sciences (92-XX)
8 Calculus of variations and optimal control; optimization (49-XX)
6 Integral equations (45-XX)
6 Global analysis, analysis on manifolds (58-XX)
4 Dynamical systems and ergodic theory (37-XX)
3 General and overarching topics; collections (00-XX)
2 History and biography (01-XX)
2 Harmonic analysis on Euclidean spaces (42-XX)
2 Mechanics of particles and systems (70-XX)

1 Journal of Functional Analysis
1 Mathematische Nachrichten
1 Proceedings of the Edinburgh Mathematical Society. Series II
1 Quarterly of Applied Mathematics
1 SIAM Journal on Control and Optimization
1 Transactions of the American Mathematical Society
1 Applied Mathematics Letters
1 Proceedings of the Royal Society of Edinburgh. Section A. Mathematics
1 Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid
1 SIAM Journal on Mathematical Analysis
1 Topological Methods in Nonlinear Analysis
1 Calculus of Variations and Partial Differential Equations
1 Electronic Journal of Differential Equations (EJDE)
1 Bulletin of the Belgian Mathematical Society - Simon Stevin
1 Differential Equations and Dynamical Systems
1 Mathematical Inequalities & Applications
1 Journal of the European Mathematical Society (JEMS)
1 La Gaceta de la Real Sociedad Matemática Española
1 Mediterranean Journal of Mathematics
1 Journal of Mathematical Inequalities
1 SeMA Journal
1 Boletín de la Sociedad Española de Matemática Aplicada. SeMA
1 SpringerBriefs in Mathematics

1 Real functions (26-XX)

Publications by Year



Citations contained in zbMATH Open

53 Publications have been cited 531 times in 413 Documents	Cited by ▼	Year
Handbook of differential equations: Ordinary differential equations. Vol. III. Zbl 1107.34002	**168**	2006
Existence of positive solutions for some problems with nonlinear diffusion. Zbl 0884.35039 Cañada, A.; Drábek, P.; Gámez, J. L.	**49**	1997
Lyapunov inequalities for partial differential equations. Zbl 1254.35069 Cañada, A.; Montero, J. A.; Villegas, S.	**31**	2006
Handbook of differential equations: Ordinary differential equations. Vol. I. Zbl 1067.34001	**20**	2004
Optimal control of harvesting in a nonlinear elliptic system arising from population dynamics. Zbl 0982.49005 Cañada, A.; Magal, P.; Montero, J. A.	**19**	2001

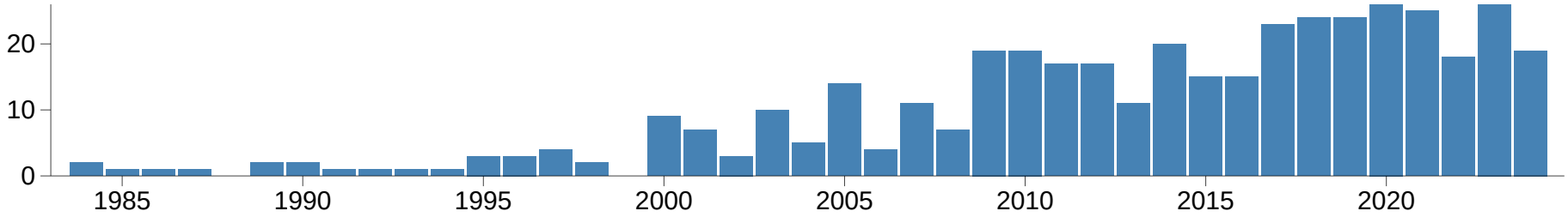
Cited by 571 Authors

- **18** Cañada Villar, Antonio
- **12** Walther, Hans-Otto
- **9** Lv, Yunfei
- **8** Hernández, Eduardo M.
- **8** Rezunenko, Oleksandr V”yacheslavovych

Cited in 144 Serials

- **43** Nonlinear Analysis. Theory, Methods & Applications. Series A: Theory and Methods
- **32** Journal of Mathematical Analysis and Applications
- **32** Journal of Differential Equations
- **11** Applied Mathematics and Computation
- **10** Applied Mathematics Letters

Cited in 30 Fields

- **235** Ordinary differential equations (34-XX)
- **160** Partial differential equations (35-XX)
- **62** Biology and other natural sciences (92-XX)
- **61** Operator theory (47-XX)
- **31** Calculus of variations and optimal control; optimization (49-XX)

Citations by Year