

Wolfgang Reichel

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

409
citations

840776

11
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752698

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25
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docs citations

25
times ranked

203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Non-Existence Results for Semilinear Cooperative Elliptic Systems via Moving Spheres. <i>Journal of Differential Equations</i> , 2000, 161, 219-243. | 2.2 | 109 |
| 2 | A priori bounds and a Liouville theorem on a half-space for higher-order elliptic Dirichlet problems. <i>Mathematische Zeitschrift</i> , 2009, 261, 805-827. | 0.9 | 49 |
| 3 | Radial Symmetry for an Electrostatic, a Capillarity and some Fully Nonlinear Overdetermined Problems on Exterior Domains. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , 1996, 15, 619-635. | 0.6 | 30 |
| 4 | Characterization of balls by Riesz-potentials. <i>Annali Di Matematica Pura Ed Applicata</i> , 2009, 188, 235-245. | 1.0 | 30 |
| 5 | “Boundary blowup” type sub-solutions to semilinear elliptic equations with Hardy potential. <i>Journal of the London Mathematical Society</i> , 2008, 77, 503-523. | 1.0 | 29 |
| 6 | A priori bounds for semilinear equations and a new class of critical exponents for Lipschitz domains. <i>Journal of Functional Analysis</i> , 2007, 244, 220-246. | 1.4 | 22 |
| 7 | Very weak solutions to elliptic equations with nonlinear Neumann boundary conditions. <i>Calculus of Variations and Partial Differential Equations</i> , 2008, 32, 429-452. | 1.7 | 21 |
| 8 | A Priori Bounds and Global Bifurcation Results for Frequency Combs Modeled by the Lugiato–Lefever Equation. <i>SIAM Journal on Applied Mathematics</i> , 2017, 77, 315-345. | 1.8 | 18 |
| 9 | Ground states of a nonlinear curl-curl problem in cylindrically symmetric media. <i>Nonlinear Differential Equations and Applications</i> , 2016, 23, 1. | 0.8 | 17 |
| 10 | Surface Gap Soliton Ground States for the Nonlinear Schrödinger Equation. <i>Communications in Mathematical Physics</i> , 2011, 308, 511-542. | 2.2 | 13 |
| 11 | Localized Modes of the Linear Periodic Schrödinger Operator with a Nonlocal Perturbation. <i>SIAM Journal on Mathematical Analysis</i> , 2009, 41, 1967-1993. | 1.9 | 12 |
| 12 | Bandwidth and conversion efficiency analysis of dissipative Kerr soliton frequency combs based on bifurcation theory. <i>Physical Review A</i> , 2019, 100, . | 2.5 | 12 |
| 13 | Real-valued, time-periodic localized weak solutions for a semilinear wave equation with periodic potentials. <i>Nonlinearity</i> , 2019, 32, 1408-1439. | 1.4 | 9 |
| 14 | Very weak solutions with boundary singularities for semilinear elliptic Dirichlet problems in domains with conical corners. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 352, 496-514. | 1.0 | 7 |
| 15 | Gidas–Ni–Nirenberg results for finite difference equations: Estimates of approximate symmetry. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 334, 206-222. | 1.0 | 6 |
| 16 | A Breather Construction for a Semilinear Curl-Curl Wave Equation with Radially Symmetric Coefficients. <i>Journal of Elliptic and Parabolic Equations</i> , 2016, 2, 371-387. | 0.9 | 6 |
| 17 | Equilibrium measures and equilibrium potentials in the Born-Infeld model. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2020, 139, 35-62. | 1.6 | 5 |
| 18 | Analysis of Kerr comb generation in silicon microresonators under the influence of two-photon absorption and fast free-carrier dynamics. <i>Physical Review A</i> , 2021, 103, . | 2.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Interfaces supporting surface gap soliton ground states in the 1D nonlinear Schrödinger equation. Journal of Mathematical Analysis and Applications, 2013, 407, 425-435. | 1.0 | 4 |
| 20 | Breather solutions for a quasi-linear n -dimensional wave equation. Studies in Applied Mathematics, 2022, 148, 689-714. | 2.4 | 3 |
| 21 | The Lugiato-Lefever Equation with Nonlinear Damping Caused by Two Photon Absorption. Journal of Dynamics and Differential Equations, 0, , 1. | 1.9 | 1 |
| 22 | Soliton Solutions for the Lugiato-Lefever Equation by Analytical and Numerical Continuation Methods. Trends in Mathematics, 2020, , 179-195. | 0.1 | 1 |
| 23 | Symmetry of solutions for quasimonotone second-order elliptic systems in ordered Banach spaces. Mathematische Annalen, 2012, 352, 99-112. | 1.4 | 0 |
| 24 | Mesh-independent a priori bounds for nonlinear elliptic finite difference boundary value problems. Journal of Mathematical Analysis and Applications, 2014, 419, 496-524. | 1.0 | 0 |