Wolfgang Reichel

List of Publications by Year
in descending order

24	409	11	20
papers	citations	h-index	g-index
25	25	25	203
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Breather solutions for a quasi‐linear ‐dimensional wave equation. Studies in Applied Mathematics, 2022, 148, 689-714.	2.4	3
2	Analysis of Kerr comb generation in silicon microresonators under the influence of two-photon absorption and fast free-carrier dynamics. Physical Review A, 2021, 103, .	2.5	5
3	Equilibrium measures and equilibrium potentials in the Born-Infeld model. Journal Des Mathematiques Pures Et Appliquees, 2020, 139, 35-62.	1.6	5
4	Soliton Solutions for the Lugiato–Lefever Equation by Analytical and Numerical Continuation Methods. Trends in Mathematics, 2020, , 179-195.	0.1	1
5	Bandwidth and conversion efficiency analysis of dissipative Kerr soliton frequency combs based on bifurcation theory. Physical Review A, 2019, 100, .	2.5	12
6	Real-valued, time-periodic localized weak solutions for a semilinear wave equation with periodic potentials. Nonlinearity, 2019, 32, 1408-1439.	1.4	9
7	A Priori Bounds and Global Bifurcation Results for Frequency Combs Modeled by the Lugiato--Lefever Equation. SIAM Journal on Applied Mathematics, 2017, 77, 315-345.	1.8	18
8	Ground states of a nonlinear curl-curl problem in cylindrically symmetric media. Nonlinear Differential Equations and Applications, 2016, 23, 1.	0.8	17
9	A Breather Construction for a Semilinear Curl-Curl Wave Equation with Radially Symmetric Coefficients. Journal of Elliptic and Parabolic Equations, 2016, 2, 371-387.	0.9	6
10	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
11	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
12	Symmetry of solutions for quasimonotone second-order elliptic systems in ordered Banach spaces. Mathematische Annalen, 2012, 352, 99-112.	1.4	0
13	Surface Gap Soliton Ground States for the Nonlinear Schrödinger Equation. Communications in Mathematical Physics, 2011, 308, 511-542.	2.2	13
14	Characterization of balls by Riesz-potentials. Annali Di Matematica Pura Ed Applicata, 2009, 188, 235-245.	1.0	30
15	Very weak solutions with boundary singularities for semilinear elliptic Dirichlet problems in domains with conical corners. Journal of Mathematical Analysis and Applications, 2009, 352, 496-514.	1.0	7
16	A priori bounds and a Liouville theorem on a half-space for higher-order elliptic Dirichlet problems. Mathematische Zeitschrift, 2009, 261, 805-827.	0.9	49
17	Localized Modes of the Linear Periodic Schrödinger Operator with a Nonlocal Perturbation. SIAM Journal on Mathematical Analysis, 2009, 41, 1967-1993.	1.9	12
18	Very weak solutions to elliptic equations with nonlinear Neumann boundary conditions. Calculus of Variations and Partial Differential Equations, 2008, 32, 429-452.	1.7	21

#	Article	IF	Citations
19	'Boundary blowup' type sub-solutions to semilinear elliptic equations with Hardy potential. Journal of the London Mathematical Society, 2008, 77, 503-523.	1.0	29
20	A priori bounds for semilinear equations and a new class of critical exponents for Lipschitz domains. Journal of Functional Analysis, 2007, 244, 220-246.	1.4	22
21	Gidas–Ni–Nirenberg results for finite difference equations: Estimates of approximate symmetry. Journal of Mathematical Analysis and Applications, 2007, 334, 206-222.	1.0	6
22	Non-Existence Results for Semilinear Cooperative Elliptic Systems via Moving Spheres. Journal of Differential Equations, 2000, 161, 219-243.	2.2	109
23	Radial Symmetry for an Electrostatic, a Capillarity and some Fully Nonlinear Overdetermined Problems on Exterior Domains. Zeitschrift Fur Analysis Und Ihre Anwendung, 1996, 15, 619-635.	0.6	30
24	The Lugiato–Lefever Equation with Nonlinear Damping Caused by Two Photon Absorption. Journal of Dynamics and Differential Equations, 0, , 1.	1.9	1