

C A Stuart

List of Publications by Year in descending order

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33
papers

1,068
citations

471509

17
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Positive Solutions of a Quasilinear Elliptic Dirichlet Problem. Milan Journal of Mathematics, 2011, 79, 327-341.	1.1	3
2	EXISTENCE OF GUIDED CYLINDRICAL TM-MODES IN AN INHOMOGENEOUS SELF-FOCUSING DIELECTRIC. Mathematical Models and Methods in Applied Sciences, 2010, 20, 1681-1719.	3.3	18
3	Existence and stability of TE modes in a stratified non-linear dielectric. IMA Journal of Applied Mathematics, 2007, 72, 659-679.	1.6	9
4	Modelling Axi-symmetric Travelling Waves in a Dielectric with Nonlinear Refractive Index. Milan Journal of Mathematics, 2004, 72, 107-128.	1.1	7
5	Symmetrization Inequalities for Composition Operators of Carathéodory type. Proceedings of the London Mathematical Society, 2003, 87, 396-418.	1.3	15
6	Bifurcation from the Essential Spectrum. , 1997, , 397-443.		6
7	A Variational Problem Related to Self-trapping of an Electromagnetic Field. Mathematical Methods in the Applied Sciences, 1996, 19, 1397-1407.	2.3	45
8	Guidance properties of nonlinear planar waveguides. Archive for Rational Mechanics and Analysis, 1993, 125, 145-200.	2.4	77
9	Existence of a nontrivial solution to a strongly indefinite semilinear equation. Proceedings of the American Mathematical Society, 1993, 119, 179-186.	0.8	86
10	Homoclinic orbits for eventually autonomous planar flows. Zeitschrift Fur Angewandte Mathematik Und Physik, 1992, 43, 598-625.	1.4	11
11	An Exact Reduction of Maxwell's Equations. , 1992, , 391-405.		6
12	Self-trapping of an electromagnetic field and bifurcation from the essential spectrum. Archive for Rational Mechanics and Analysis, 1991, 113, 65-96.	2.4	55
13	Bifurcation from the essential spectrum for some non-compact non-linearities. Mathematical Methods in the Applied Sciences, 1989, 11, 525-542.	2.3	33
14	Bifurcation of Homoclinic Orbits and Bifurcation from the Essential Spectrum. SIAM Journal on Mathematical Analysis, 1989, 20, 1145-1171.	1.9	17
15	Bifurcation in $L_p(\mathbb{R}^N)$ for a Semilinear Elliptic Equation. Proceedings of the London Mathematical Society, 1988, s3-57, 511-541.	1.3	62
16	A global branch of solutions to a semilinear equation on an unbounded interval. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1985, 101, 273-282.	1.2	23
17	Quasiconvexity and uniqueness of equilibrium solutions in nonlinear elasticity. Archive for Rational Mechanics and Analysis, 1984, 86, 233-249.	2.4	122
18	A variational approach to bifurcation in L_p on an unbounded symmetrical domain. Mathematische Annalen, 1983, 263, 51-59.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Bifurcation for Dirichlet Problems Without Eigenvalues. Proceedings of the London Mathematical Society, 1982, s3-45, 169-192.	1.3	99
20	A Variational Method for Boundary Value Problems with Discontinuous Nonlinearities. Journal of the London Mathematical Society, 1980, s2-21, 319-328.	1.0	41
21	The number of solutions of boundary value problems with discontinuous non-linearities. Archive for Rational Mechanics and Analysis, 1977, 66, 225-235.	2.4	10
22	Differential equations with discontinuous non-linearities. Archive for Rational Mechanics and Analysis, 1976, 63, 59-75.	2.4	26
23	Bifurcation of solutions with crystalline symmetry. Journal of Mathematical Physics, 1976, 17, 1949-1953.	1.1	18
24	12.â€”Spectral Theory of Rotating Chains. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1975, 73, 199-214.	1.2	11
25	Existence theorems for a class of non-linear integral equations. Mathematische Zeitschrift, 1974, 137, 49-66.	0.9	60
26	Concave solutions of singular non-linear differential equations. Mathematische Zeitschrift, 1974, 136, 117-135.	0.9	14
27	Existence theory for the Hartree equation. Archive for Rational Mechanics and Analysis, 1973, 51, 60-69.	2.4	48
28	The Fixed Point Index of a Linear K -Set Contraction. Journal of the London Mathematical Society, 1973, s2-6, 317-320.	1.0	12
29	Some Bifurcation Theory for k -Set Contractions. Proceedings of the London Mathematical Society, 1973, s3-27, 531-550.	1.3	61
30	SOLUTIONS OF LARGE NORM FOR NON-LINEAR STURM-LIOUVILLE PROBLEMS. Quarterly Journal of Mathematics, 1973, 24, 129-139.	0.8	17
31	The Fixed Point Index of a Differentiable (\hat{I}) K -Set Contraction. Journal of the London Mathematical Society, 1972, s2-5, 691-696.	1.0	5
32	XXII.â€”A Priori Estimates and Nonlinear Parabolic Equations of Arbitrary Order. Proceedings of the Royal Society of Edinburgh, 1972, 69, 287-293.	0.1	0
33	Positive solutions of a nonlinear integral equation. Mathematische Annalen, 1971, 192, 119-124.	1.4	17