B Neta

List of Publications by Year
in descending order

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19	599	840776	794594
papers	citations	11	19
		h-index	g-index

19	19	19	187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On optimal parameter of Laguerre's family of zero-finding methods. International Journal of Computer Mathematics, 2019, 96, 692-707.	1.8	2
2	Construction of optimal order nonlinear solvers using inverse interpolation. Applied Mathematics and Computation, 2010, 217, 2448-2455.	2.2	53
3	Some fourth-order nonlinear solvers with closed formulae for multiple roots. Computers and Mathematics With Applications, 2010, 59, 126-135.	2.7	100
4	Extension of Murakami's high-order non-linear solver to multiple roots. International Journal of Computer Mathematics, 2010, 87, 1023-1031.	1.8	58
5	High order nonlinear solver. Journal of Computational Methods in Sciences and Engineering, 2009, 8, 245-250.	0.2	4
6	On Popovskiâ€™s method for nonlinear equations. Applied Mathematics and Computation, 2008, 201, 710-715.	2.2	9
7	New third order nonlinear solvers for multiple roots. Applied Mathematics and Computation, 2008, 202, 162-170.	2.2	72
8	High-order nonlinear solver for multiple roots. Computers and Mathematics With Applications, 2008, 55, 2012-2017.	2.7	75
9	A stratified dispersive wave model withhigh-order nonreflecting boundary conditions. Computers and Mathematics With Applications, 2004, 48, 1167-1180.	2.7	7
10	A Perfectly Matched Layer Approach to the Linearized Shallow Water Equations Models. Monthly Weather Review, 2004, 132, 1369-1378.	1.4	47
11	Analysis of the Turkelâ€“Zwas Scheme for the Two-Dimensional Shallow Water Equations in Spherical Coordinates. Journal of Computational Physics, 1997, 133, 102-112.	3.8	16
12	Analysis of finite elements and finite differences for shallow water equations: A review. Mathematics and Computers in Simulation, 1992, 34, 141-161.	4.4	3
13	Analysis of the Turkel-Zwas scheme for the shallow-water equations. Journal of Computational Physics, 1989, 81, 277-299.	3.8	11
14	The transfer function analysis of various schemes for the two-dimensional shallow-water equations. Computers and Mathematics With Applications, 1988, 16, 111-137.	2.7	3
15	Symmetric linear multistep methods for second-order differential equations with periodic solutions. Applied Numerical Mathematics, 1986, 2, 69-77.	2.1	14
16	Families of methods for ordinary differential equations based on trigonometric polynomials. Journal of Computational and Applied Mathematics, 1984, 10, 33-38.	2.0	36
17	A higher order method for multiple zeros of nonlinear functions. International Journal of Computer Mathematics, 1983, 12, 329-335.	1.8	75
18	Finite element approximation of a nonlinear parabolic problem. Computers and Mathematics With Applications, 1978, 4, 247-255.	2.7	9

#	Article	IF	Citations
19	Finite element approximation of a nonlinear diffusion problem. Computers and Mathematics With Applications, 1977, 3, 287-298.	2.7	5