

Fudziah Ismail

List of Publications by Year in descending order

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35
papers

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1040056

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times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Thickness and Amount of Carbon Nanofiber Coated Carbon Fiber on Improving the Mechanical Properties of Nanocomposites. <i>Nanomaterials</i> , 2016, 6, 6.	4.1	23
2	An Accurate Block Hybrid Collocation Method for Third Order Ordinary Differential Equations. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.9	20
3	Radiation effect on Marangoni convection boundary layer flow of a nanofluid. <i>Mathematical Sciences</i> , 2012, 6, 1.	1.7	19
4	Numerical Solution of Second-Order Fuzzy Differential Equation Using Improved Runge-Kutta Nystrom Method. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-10.	1.1	16
5	Fourth-Order Improved Runge-Kutta Method for Directly Solving Special Third-Order Ordinary Differential Equations. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2017, 41, 429-437.	1.5	13
6	An improved 2 nd point block backward differentiation formula for solving stiff initial value problems. <i>AIP Conference Proceedings</i> , 2013, , .	0.4	12
7	A Zero-Dissipative Runge-Kutta-Nystr�m Method with Minimal Phase-Lag. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-15.	1.1	10
8	Prediction of silver nanoparticles' diameter in montmorillonite/chitosan bionanocomposites by using artificial neural networks. <i>Research on Chemical Intermediates</i> , 2015, 41, 3275-3287.	2.7	10
9	Block Hybrid Collocation Method with Application to Fourth Order Differential Equations. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-6.	1.1	9
10	Solving Second-Order Delay Differential Equations by Direct Adams-Moulton Method. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	1.1	8
11	Implicit Three-Point Block Numerical Algorithm for Solving Third Order Initial Value Problem Directly with Applications. <i>Mathematics</i> , 2020, 8, 1771.	2.2	7
12	MHD mixed convection flow of a power law nanofluid over a vertical stretching sheet with radiation effect. <i>AIP Conference Proceedings</i> , 2013, , .	0.4	6
13	A 5(4) Embedded Pair of Explicit Trigonometrically-Fitted Runge-Kutta-Nystr�m Methods for the Numerical Solution of Oscillatory Initial Value Problems. <i>Mathematical and Computational Applications</i> , 2016, 21, 46.	1.3	6
14	Direct Solution of $\frac{d^3 y}{dx^3} + p(x) \frac{dy}{dx} + q(x)y = r(x)$		

#	ARTICLE	IF	CITATIONS
19	New Algorithm of Two-Point Block Method for Solving Boundary Value Problem with Dirichlet and Neumann Boundary Conditions. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-10.	1.1	4
20	Diagonal Block Method for Solving Two-Point Boundary Value Problems with Robin Boundary Conditions. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-12.	1.1	4
21	Solving Oscillatory Delay Differential Equations Using Block Hybrid Methods. <i>Journal of Mathematics</i> , 2018, 2018, 1-7.	1.0	4
22	Four step implicit block method of Runge-Kutta type for solving first order ordinary differential equations. , 2011, , .		3
23	A five-stage singly diagonally implicit Runge-Kutta-Nystro`m method with reduced phase-lag. , 2012, , .		3
24	Implicit Two-Point Block Method for Solving Fourth-Order Initial Value Problem Directly with Application. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	1.1	3
25	Direct integrator of block type methods with additional derivative for general third order initial value problems. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402096618.	1.6	3
26	Onset Of Marangoni Convection In A Saturated Porous Medium. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
27	An embedded 5(4) explicit Runge-Kutta-Nystro`m method with dissipation of high order. , 2013, , .		1
28	Lie Group Analysis and Similarity Solutions for Mixed Convection Boundary Layers in the Stagnation-Point Flow toward a Stretching Vertical Sheet. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-11.	0.7	1
29	On modified interval repeated zero symmetric single-step IRZSS1-5D procedure for bounding polynomial zeros simultaneously. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
30	Exponentially Fitted Explicit Hybrid Method For Solving Special Second Order Initial Value Problems. , 2010, , .		0
31	Fourth-order explicit hybrid method for solving special second-order ordinary differential equations. , 2013, , .		0
32	A three-stage dispersion and dissipation of order infinity Runge-Kutta-Nystro`m method for periodic IVPs. , 2013, , .		0
33	On the convergence rate of interval repeated midpoint zero symmetric single-step procedure for simultaneous bounding the polynomial zeros. , 2013, , .		0
34	A new fourth-order four stage explicit trigonometrically-fitted Runge`Kutta`Nystr`m method for solving periodic problems. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
35	A new structure for scaling functions system with Dyadic intervals. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0