Wiyada Kumam

List of Publications by Year
in descending order

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97	1,673	279487 23	377514 34
papers	citations	h-index	g-index

97	97	97	826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three novel inertial explicit Tseng's extragradient methods for solving pseudomonotone variational inequalities. Optimization, 2022, 71, 4697-4730.	1.0	4
2	Improved generalized dissimilarity measureâ€based VIKOR method for Pythagorean fuzzy sets. International Journal of Intelligent Systems, 2022, 37, 1807-1845.	3.3	31
3	Bioconvection Casson nanoliquid film sprayed on a stretching cylinder in the portfolio of homogeneousâ€heterogeneous chemical reactions. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2022, 102, .	0.9	14
4	Parametric simulation of micropolar fluid with thermal radiation across a porous stretching surface. Scientific Reports, 2022, 12, 2542.	1.6	38
5	Intuitionistic fuzzy divergences: critical analysis and an application in figure skating. Neural Computing and Applications, 2022, 34, 9123-9146.	3.2	5
6	Numerical simulation of bioconvective Darcy Forchhemier nanofluid flow with energy transition over a permeable vertical plate. Scientific Reports, 2022, 12, 3228.	1.6	18
7	Mixed convective flow of a magnetohydrodynamic Casson fluid through a permeable stretching sheet with first-order chemical reaction. PLoS ONE, 2022, 17, e0265238.	1.1	13
8	Bidirectional flow of MHD nanofluid with Hall current and Cattaneo-Christove heat flux toward the stretching surface. PLoS ONE, 2022, 17, e0264208.	1.1	29
9	A new class of inertial algorithms with monotonic step sizes for solving fixed point and variational inequalities. Mathematical Methods in the Applied Sciences, 2022, 45, 9061-9088.	1.2	2
10	The inertial iterative extragradient methods for solving pseudomonotone equilibrium programming in Hilbert spaces. Journal of Inequalities and Applications, 2022, 2022, .	0.5	2
11	Iterative solutions via some variants of extragradient approximants in Hilbert spaces. AIMS Mathematics, 2022, 7, 13910-13926.	0.7	4
12	Inertial Modification Using Self-Adaptive Subgradient Extragradient Techniques for Equilibrium Programming Applied to Variational Inequalities and Fixed-Point Problems. Mathematics, 2022, 10, 1751.	1.1	4
13	On Strengthened Extragradient Methods Non-Convex Combination with Adaptive Step Sizes Rule for Equilibrium Problems. Symmetry, 2022, 14, 1045.	1.1	0
14	Modified Popov's explicit iterative algorithms for solving pseudomonotone equilibrium problems. Optimization Methods and Software, 2021, 36, 82-113.	1.6	45
15	A novel flexible additive Weibull distribution with real-life applications. Communications in Statistics - Theory and Methods, 2021, 50, 1557-1572.	0.6	12
16	New advanced outliers detection tests. Communications in Statistics - Theory and Methods, 2021, 50, 1640-1655.	0.6	2
17	Tseng methods with inertial for solving inclusion problems and application to image deblurring and image recovery problems. Computational and Mathematical Methods, 2021, 3, e1088.	0.3	17
18	Bi-parametric distance and similarity measures of picture fuzzy sets and their applications in medical diagnosis. Egyptian Informatics Journal, 2021, 22, 201-212.	4.4	53

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19	q-Rung Orthopair Fuzzy Modified Dissimilarity Measure Based Robust VIKOR Method and its Applications in Mass Vaccination Campaigns in the Context of COVID-19. IEEE Access, 2021, 9, 93497-93515.	2.6	15
20	Theoretical justifications for the empirically successful VIKOR approach to multi-criteria decision making. Soft Computing, 2021, 25, 7761-7767.	2.1	21
21	Two strongly convergent self-adaptive iterative schemes for solving pseudo-monotone equilibrium problems with applications. Demonstratio Mathematica, 2021, 54, 280-298.	0.6	1
22	Chemically reactive nanofluid flow past a thin moving needle with viscous dissipation, magnetic effects and hall current. PLoS ONE, 2021, 16, e0249264.	1.1	36
23	Bio-convective and chemically reactive hybrid nanofluid flow upon a thin stirring needle with viscous dissipation. Scientific Reports, 2021, 11, 8066.	1.6	32
24	Mixed convection stagnation point flow of the blood based hybrid nanofluid around a rotating sphere. Scientific Reports, 2021, 11, 7460.	1.6	40
25	Convergence analysis of a general inertial projection-type method for solving pseudomonotone equilibrium problems with applications. Journal of Inequalities and Applications, 2021, 2021, .	0.5	12
26	Darcy-Forchheimer hybrid nanofluid flow over a stretching curved surface with heat and mass transfer. PLoS ONE, 2021, 16, e0249434.	1.1	48
27	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. Computational and Mathematical Methods, 2021, 3, e1162.	0.3	24
28	Blood based hybrid nanofluid flow together with electromagnetic field and couple stresses. Scientific Reports, 2021, 11, 12865.	1.6	28
29	Bio-convective micropolar nanofluid flow over thin moving needle subject to Arrhenius activation energy, viscous dissipation and binary chemical reaction. Case Studies in Thermal Engineering, 2021, 25, 100989.	2.8	53
30	Improved cosine and cotangent function-based similarity measures for q-rung orthopair fuzzy sets and TOPSIS method. Complex & Intelligent Systems, 2021, 7, 2679-2696.	4.0	20
31	An axiomatically supported divergence measures for qâ€rung orthopair fuzzy sets. International Journal of Intelligent Systems, 2021, 36, 6133-6155.	3.3	20
32	Picture Fuzzy Soft Robust VIKOR Method and its Applications in Decision-Making. Fuzzy Information and Engineering, 2021, 13, 296-322.	1.0	7
33	Numerical Approximation of Microorganisms Hybrid Nanofluid Flow Induced by a Wavy Fluctuating Spinning Disc. Coatings, 2021, 11, 1032.	1.2	46
34	A new extragradient algorithm with adaptive step-size for solving split equilibrium problems. Journal of Inequalities and Applications, 2021, 2021, .	0.5	1
35	Analytical Simulation for Magnetohydrodynamic Maxwell Fluid Flow Past an Exponentially Stretching Surface with First-Order Velocity Slip Condition. Coatings, 2021, 11, 1009.	1.2	10
36	Non-linear convective flow of the thin film nanofluid over an inclined stretching surface. Scientific Reports, 2021, 11, 18410.	1.6	29

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37	Two Hybrid Spectral Methods With Inertial Effect for Solving System of Nonlinear Monotone Equations With Application in Robotics. IEEE Access, 2021, 9, 30918-30928.	2.6	18
38	Improved Knowledge Measures for q-Rung Orthopair Fuzzy Sets. International Journal of Computational Intelligence Systems, 2021, 14, 1700.	1.6	12
39	A new weak convergence non-monotonic self-adaptive iterative scheme for solving equilibrium problems. AIMS Mathematics, 2021, 6, 5612-5638.	0.7	3
40	Darcyâ€“Forchheimer couple stress hybrid nanofluids flow with variable fluid properties. Scientific Reports, 2021, 11, 19612.	1.6	19
41	The Flow of Blood-Based Hybrid Nanofluids with Couple Stresses by the Convergent and Divergent Channel for the Applications of Drug Delivery. Molecules, 2021, 26, 6330.	1.7	22
42	Analysis of newly developed fractal-fractional derivative with power law kernel for MHD couple stress fluid in channel embedded in a porous medium. Scientific Reports, 2021, 11, 20858.	1.6	16
43	Electromagnetohydrodynamic bioconvective flow of binary fluid containing nanoparticles and gyrotactic microorganisms through a stratified stretching sheet. Scientific Reports, 2021, 11, 23159.	1.6	17
44	Heat transfer analysis of the mixed convective flow of magnetohydrodynamic hybrid nanofluid past a stretching sheet with velocity and thermal slip conditions. PLoS ONE, 2021, 16, e0260854.	1.1	42
45	The numerical reckoning of modified proximal point methods for minimization problems in non-positive curvature metric spaces. International Journal of Computer Mathematics, 2020, 97, 245-262.	1.0	4
46	Convergence analysis of modified Picard-S hybrid iterative algorithms for total asymptotically nonexpansive mappings in Hadamard spaces. International Journal of Computer Mathematics, 2020, 97, 175-188.	1.0	11
47	Accelerated alternating minimization algorithm for Poisson noisy image recovery. Inverse Problems in Science and Engineering, 2020, 28, 1031-1056.	1.2	8
48	Inertial Iterative Self-Adaptive Step Size Extragradient-Like Method for Solving Equilibrium Problems in Real Hilbert Space with Applications. Axioms, 2020, 9, 127.	0.9	1
49	Convergence Analysis of Self-Adaptive Inertial Extra-Gradient Method for Solving a Family of Pseudomonotone Equilibrium Problems with Application. Symmetry, 2020, 12, 1332.	1.1	5
50	Application of Mixed Sampling to Real Life Data: A Case Study on Socio-Economic Determinants by Using SEM and CFA Techniques. Mathematics, 2020, 8, 337.	1.1	2
51	A Family of Derivative-Free Conjugate Gradient Methods for Constrained Nonlinear Equations and Image Restoration. IEEE Access, 2020, 8, 162714-162729.	2.6	40
52	Approximation Results for Equilibrium Problems Involving Strongly Pseudomonotone Bifunction in Real Hilbert Spaces. Axioms, 2020, 9, 137.	0.9	0
53	Controllability of Impulsive Nonâ€“Linear Delay Dynamic Systems on Time Scale. IEEE Access, 2020, 8, 93830-93839.	2.6	8
54	Non-Linear Thermal Radiations and Mass Transfer Analysis on the Processes of Magnetite Carreau Fluid Flowing Past a Permeable Stretching/Shrinking Surface under Cross Diffusion and Hall Effect. Coatings, 2020, 10, 523.	1.2	11

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55	Inertial Optimization Based Two-Step Methods for Solving Equilibrium Problems with Applications in Variational Inequality Problems and Growth Control Equilibrium Models. Energies, 2020, 13, 3292.	1.6	22
56	The Renewable Energy Source Selection by Remoteness Index-Based VIKOR Method for Generalized Intuitionistic Fuzzy Soft Sets. Symmetry, 2020, 12, 977.	1.1	25
57	Machine Learning Based Automated Segmentation and Hybrid Feature Analysis for Diabetic Retinopathy Classification Using Fundus Image. Entropy, 2020, 22, 567.	1.1	41
58	An adjustable weighted soft discernibility matrix based on generalized picture fuzzy soft set and its applications in decision making. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2103-2118.	0.8	29
59	Another view on generalized interval valued intuitionistic fuzzy soft set and its applications in decision support system. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4327-4341.	0.8	16
60	The Inertial Sub-Gradient Extra-Gradient Method for a Class of Pseudo-Monotone Equilibrium Problems. Symmetry, 2020, 12, 463.	1.1	35
61	A Self-Adaptive Extra-Gradient Methods for a Family of Pseudomonotone Equilibrium Programming with Application in Different Classes of Variational Inequality Problems. Symmetry, 2020, 12, 523.	1.1	16
62	Distance and Similarity Measures for Spherical Fuzzy Sets and Their Applications in Selecting Mega Projects. Mathematics, 2020, 8, 519.	1.1	49
63	Inertial Extra-Gradient Method for Solving a Family of Strongly Pseudomonotone Equilibrium Problems in Real Hilbert Spaces with Application in Variational Inequality Problem. Symmetry, 2020, 12, 503.	1.1	33
64	On generalizations of some inequalities for convex functions via quantum integrals. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	26
65	Inertial-Based Derivative-Free Method for System of Monotone Nonlinear Equations and Application. IEEE Access, 2020, 8, 226921-226930.	2.6	20
66	Analysis of Caputo fractional-order model for COVID-19 with lockdown. Advances in Difference Equations, 2020, 2020, 394.	3.5	74
67	Existence and uniqueness results for Î¦-Caputo implicit fractional pantograph differential equation with generalized anti-periodic boundary condition. Advances in Difference Equations, 2020, 2020, .	3.5	7
68	Algorithms for zeros of two accretive operators for solving convex minimization problems and its application to image restoration problems. Journal of Computational and Applied Mathematics, 2019, 354, 471-495.	1.1	19
69	Error Estimate of Data Dependence for Discontinuous Operators by New Iteration Process with Convergence Analysis. Numerical Functional Analysis and Optimization, 2019, 40, 1644-1677.	0.6	4
70	A Novel Approach to Generalized Intuitionistic Fuzzy Soft Sets and Its Application in Decision Support System. Mathematics, 2019, 7, 742.	1.1	51
71	An Optimal Pursuit Differential Game Problem with One Evader and Many Pursuers. Mathematics, 2019, 7, 842.	1.1	3
72	Generalized Picture Fuzzy Soft Sets and Their Application in Decision Support Systems. Symmetry, 2019, 11, 415.	1.1	66

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73	Proximal point algorithm for nonlinear multivalued type mappings in Hadamard spaces. Mathematical Methods in the Applied Sciences, 2019, 42, 5758-5768.	1.2	1
74	Numerical Simulation of PDEs by Local Meshless Differential Quadrature Collocation Method. Symmetry, 2019, 11, 394.	1.1	18
75	Truncated-exponential-based Frobeniusâ€“Euler polynomials. Advances in Difference Equations, 2019, 2019, .	3.5	9
76	A New Method for Optimal Solution of Intuitionistic Fuzzy Transportation Problems via Generalized Trapezoidal Intuitionistic Fuzzy Numbers. Fuzzy Information and Engineering, 2019, 11, 105-120.	1.0	2
77	A Method for Optimal Solution of Intuitionistic Fuzzy Transportation Problems via Centroid. Studies in Computational Intelligence, 2018, , 94-114.	0.7	1
78	Alternating Minimization Algorithms for Convex Minimization Problem with Application to Image Deblurring and Denoising. , 2018, , .		0
79	Iterative Algorithm for Solving a Split Common Null Point Problem for Demicontractive Operators. , 2018, , .		0
80	Investigating a Coupled Hybrid System of Nonlinear Fractional Differential Equations. Discrete Dynamics in Nature and Society, 2018, 2018, 1-12.	0.5	5
81	Some fuzzy fixed point results for fuzzy mappings in complete b-metric spaces. Cogent Mathematics & Statistics, 2018, 5, 1458933.	0.9	8
82	Modified viscosity type iteration for total asymptotically nonexpansive mappings in CAT(0) spaces and its application to optimization problems. Journal of Nonlinear Science and Applications, 2017, 11, 288-302.	0.4	4
83	Modified random errors S-iterative process for stochastic fixed point theorems in a generalized convex metric space. Statistics, Optimization and Information Computing, 2017, 5, .	0.4	0
84	A New Multi-Step Iterative Algorithm for Approximating Common Fixed Points of a Finite Family of Multi-Valued Bregman Relatively Nonexpansive Mappings. Algorithms, 2016, 9, 37.	1.2	1
85	Convergence theorem for equilibrium problem and Bregman strongly nonexpansive mappings in Banach spaces. Optimization, 2016, 65, 265-280.	1.0	10
86	Optimization for estimation to medical service value of informal workers social security office in Thailand. Journal of Information and Optimization Sciences, 2016, 37, 125-154.	0.2	6
87	The existence of Bayesian fuzzy equilibrium problems for a new general Bayesian abstract fuzzy economy model with differential private information. Journal of Nonlinear Science and Applications, 2016, 09, 2410-2418.	0.4	0
88	A new Hybrid Projection Algorithm for Solving the Split Generalized Equilibrium Problems and the System of Variational Inequality Problems. Mathematical Modelling and Algorithms, 2014, 13, 405-423.	0.5	26
89	Solutions of system of equilibrium and variational inequality problems on fixed points of infinite family of nonexpansive mappings. Applied Mathematics and Computation, 2014, 248, 441-455.	1.4	13
90	Fixed point theorems for fuzzy mappings and applications to ordinary fuzzy differential equations. Advances in Difference Equations, 2014, 2014, .	3.5	5

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91	Generalized Systems of Variational Inequalities and Projection Methods for Inverse-Strongly Monotone Mappings. Discrete Dynamics in Nature and Society, 2011, 2011, 1-23.	0.5	4
92	Strong Convergence Theorems of Modified Ishikawa Iterative Method for an Infinite Family of Strict Pseudocontractions in Banach Spaces. International Journal of Mathematics and Mathematical Sciences, 2011, 2011, 1-18.	0.3	1
93	A Shrinking Projection Method for Generalized Mixed Equilibrium Problems, Variational Inclusion Problems and a Finite Family of Quasi-Nonexpansive Mappings. Journal of Inequalities and Applications, 2010, 2010, 458247.	0.5	9
94	Iterative algorithm by using the hybrid method in mathematical programming for solving variational inequality problems and equilibrium problems. Journal of Interdisciplinary Mathematics, 2009, 12, 725-746.	0.4	1
95	Hybrid iterative scheme by a relaxed extragradient method for solutions of equilibrium problems and a general system of variational inequalities with application to optimization. Nonlinear Analysis: Hybrid Systems, 2009, 3, 640-656.	2.1	31
96	A remark on some random fixed points of multivalued SL-random operators satisfying the nonstrict Opial's property and corrigendum to â€œRandom fixed points of multivalued random operators with property (D)â€• Random Operators and Stochastic Equations, 2008, 16, .	0.2	0
97	Random fixed points of multivalued random operators with property (D). Random Operators and Stochastic Equations, 2007, 15, .	0.2	7