

Olaniyi S Iyiola

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2121590/publications.pdf>

Version: 2024-02-01

78
papers

1,732
citations

236925

25
h-index

330143

37
g-index

81
all docs

81
docs citations

81
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Weak convergence for variational inequalities with inertial-type method. <i>Applicable Analysis</i> , 2022, 101, 192-216.	1.3	8
2	A modified inertial subgradient extragradient method for solving variational inequalities. <i>Optimization and Engineering</i> , 2022, 23, 421-449.	2.4	29
3	Inertial Tseng's extragradient method for solving variational inequality problems of pseudo-monotone and non-Lipschitz operators. <i>Journal of Industrial and Management Optimization</i> , 2022, 18, 2873.	1.3	10
4	New projection methods with inertial steps for variational inequalities. <i>Optimization</i> , 2022, 71, 4731-4762.	1.7	7
5	Multi-inertial parallel hybrid projection algorithm for generalized split null point problems. <i>Journal of Applied Mathematics and Computing</i> , 2022, 68, 3179-3198.	2.5	5
6	Subgradient Extragradient Method with Double Inertial Steps for Variational Inequalities. <i>Journal of Scientific Computing</i> , 2022, 90, 1.	2.3	31
7	Convergence analysis of modified inertial forward-backward splitting scheme with applications. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 3933-3948.	2.3	2
8	Convergence analysis of the shrinking approximants for fixed point problem and generalized split common null point problem. <i>Journal of Inequalities and Applications</i> , 2022, 2022, .	1.1	2
9	New hybrid projection methods for variational inequalities involving pseudomonotone mappings. <i>Optimization and Engineering</i> , 2021, 22, 363-386.	2.4	9
10	An inertial subgradient extragradient algorithm extended to pseudomonotone equilibrium problems. <i>Mathematical Methods of Operations Research</i> , 2021, 93, 213-242.	1.0	20
11	Exact solutions of the generalized multidimensional mathematical physics models via sub-equation method. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 211-233.	4.4	113
12	Inverse source in two-parameter anomalous diffusion, numerical algorithms, and simulations over graded time meshes. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	0
13	A novel iterative algorithm with convergence analysis for split common fixed points and variational inequality problems. <i>Fixed Point Theory</i> , 2021, 22, 123-140.	0.7	1
14	New Convergence Results for Inertial Krasnoselskii-Mann Iterations in Hilbert Spaces with Applications. <i>Results in Mathematics</i> , 2021, 76, 1.	0.8	4
15	Projected-Reflected Subgradient-Extragradient Method and Its Real-World Applications. <i>Symmetry</i> , 2021, 13, 489.	2.2	6
16	Analysis and solutions of generalized Chagas vectors re-infestation model of fractional order type. <i>Chaos, Solitons and Fractals</i> , 2021, 145, 110797.	5.1	18
17	System of Time Fractional Models for COVID-19: Modeling, Analysis and Solutions. <i>Symmetry</i> , 2021, 13, 787.	2.2	13
18	Analytical Study of $(3+1)$ -Dimensional Fractional-Reaction Diffusion Trimolecular Models. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Approximate and generalized solutions of conformable type Coudreyâ€“Doddâ€“Gibbonâ€“Sawadaâ€“Kotera equation. International Journal of Modern Physics B, 2021, 35, 2150021.	2.0	34
20	On nabla conformable fractional Hardy-type inequalities on arbitrary time scales. Journal of Inequalities and Applications, 2021, 2021, .	1.1	8
21	Iterative method with inertial terms for nonexpansive mappings: applications to compressed sensing. Numerical Algorithms, 2020, 83, 1321-1347.	1.9	30
22	The subgradient extragradient method for pseudomonotone equilibrium problems. Optimization, 2020, 69, 901-923.	1.7	24
23	Weak and strong convergence theorems for solving pseudo-monotone variational inequalities with non-Lipschitz mappings. Numerical Algorithms, 2020, 84, 795-823.	1.9	39
24	A new iterative method for solving pseudomonotone variational inequalities with non-Lipschitz operators. Computational and Applied Mathematics, 2020, 39, 1.	2.2	18
25	Projection methods with alternating inertial steps for variational inequalities: Weak and linear convergence. Applied Numerical Mathematics, 2020, 157, 315-337.	2.1	58
26	Iterative methods for solving fourthâ€“and sixthâ€“order timeâ€“fractional Cahnâ€“Hilliard equation. Mathematical Methods in the Applied Sciences, 2020, 43, 4050.	2.3	38
27	Exact and approximate solutions of timeâ€“fractional models arising from physics via Shehu transform. Mathematical Methods in the Applied Sciences, 2020, 43, 7442-7464.	2.3	64
28	A reliable technique to study nonlinear time-fractional coupled Kortewegâ€“de Vries equations. Advances in Difference Equations, 2020, 2020, .	3.5	38
29	A fractional order approach to modeling and simulations of the novel COVID-19. Advances in Difference Equations, 2020, 2020, 683.	3.5	46
30	The modified viscosity implicit rules for variational inequality problems and fixed point problems of nonexpansive mappings in Hilbert spaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 3545-3562.	1.2	6
31	Convergence analysis of projection method for variational inequalities. Computational and Applied Mathematics, 2019, 38, 1.	2.2	15
32	Strong convergence theorems for fixed point problems for strict pseudo-contractions and variational inequalities for inverse-strongly accretive mappings in uniformly smooth Banach spaces. Journal of Fixed Point Theory and Applications, 2019, 21, 1.	1.1	2
33	Efficient analytical techniques for solving time-fractional nonlinear coupled Jaulentâ€“Miodek system with energy-dependent SchrÃ“dinger potential. Advances in Difference Equations, 2019, 2019, .	3.5	57
34	Modified inertial methods for finding common solutions to variational inequality problems. Fixed Point Theory, 2019, 20, 683-702.	0.7	4
35	On a modified extragradient method for variational inequality problem with application to industrial electricity production. Journal of Industrial and Management Optimization, 2019, 15, 319-342.	1.3	10
36	Nonlinear iteration method for proximal split feasibility problems. Mathematical Methods in the Applied Sciences, 2018, 41, 781-802.	2.3	10

#	ARTICLE	IF	CITATIONS
37	A New Double-Projection Method for Solving Variational Inequalities in Banach Spaces. <i>Journal of Optimization Theory and Applications</i> , 2018, 178, 219-239.	1.5	43
38	Strong convergence of a self-adaptive method for the split feasibility problem in Banach spaces. <i>Journal of Fixed Point Theory and Applications</i> , 2018, 20, 1.	1.1	17
39	Convergence of hybrid viscosity and steepest-descent methods for pseudocontractive mappings and nonlinear Hammerstein equations. <i>Acta Mathematica Scientia</i> , 2018, 38, 610-626.	1.0	0
40	Exponential integrator methods for systems of non-linear space-fractional models with super-diffusion processes in pattern formation. <i>Computers and Mathematics With Applications</i> , 2018, 75, 3719-3736.	2.7	7
41	Strong convergence results for variational inequalities and fixed point problems using modified viscosity implicit rules. <i>Numerical Algorithms</i> , 2018, 77, 535-558.	1.9	18
42	Iterative methods for solving proximal split minimization problems. <i>Numerical Algorithms</i> , 2018, 78, 193-215.	1.9	29
43	A real distinct poles rational approximation of generalized Mittag-Leffler functions and their inverses: Applications to fractional calculus. <i>Journal of Computational and Applied Mathematics</i> , 2018, 330, 307-317.	2.0	18
44	Accelerated hybrid viscosity and steepest-descent method for proximal split feasibility problems. <i>Optimization</i> , 2018, 67, 475-492.	1.7	8
45	Efficient time discretization scheme for nonlinear space fractional reaction-diffusion equations. <i>International Journal of Computer Mathematics</i> , 2018, 95, 1274-1291.	1.8	8
46	An inertial type iterative method with Armijo linesearch for nonmonotone equilibrium problems. <i>Calcolo</i> , 2018, 55, 1.	1.1	14
47	A strong convergence theorem for a general split equality problem with applications to optimization and equilibrium problem. <i>Calcolo</i> , 2018, 55, 1.	1.1	7
48	Iterative algorithms for solving fixed point problems and variational inequalities with uniformly continuous monotone operators. <i>Numerical Algorithms</i> , 2018, 79, 529-553.	1.9	17
49	An effective homotopy analysis method to solve the cubic isothermal auto-catalytic chemical system. <i>AIMS Mathematics</i> , 2018, 3, 183-194.	1.6	24
50	Viscosity iterative algorithms for fixed point problems of asymptotically nonexpansive mappings in the intermediate sense and variational inequality problems in Banach spaces. <i>Numerical Algorithms</i> , 2017, 76, 521-553.	1.9	7
51	Convergence analysis for the proximal split feasibility problem using an inertial extrapolation term method. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 2483-2510.	1.1	39
52	Strong convergence result for monotone variational inequalities. <i>Numerical Algorithms</i> , 2017, 76, 259-282.	1.9	63
53	Strong convergence result for proximal split feasibility problem in Hilbert spaces. <i>Optimization</i> , 2017, 66, 2275-2290.	1.7	31
54	Modified viscosity implicit rules for nonexpansive mappings in Hilbert spaces. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 2831-2846.	1.1	6

#	ARTICLE	IF	CITATIONS
55	An inverse source problem for a two-parameter anomalous diffusion with local time datum. Computers and Mathematics With Applications, 2017, 73, 1008-1015.	2.7	10
56	On the analytical solutions of the system of conformable time-fractional Robertson equations with 1-D diffusion. Chaos, Solitons and Fractals, 2017, 94, 1-7.	5.1	59
57	The fractional Rosenau-Hyman model and its approximate solution. AEJ - Alexandria Engineering Journal, 2016, 55, 1655-1659.	6.4	15
58	A cyclic iterative method for solving Multiple Sets Split Feasibility Problems in Banach Spaces. Quaestiones Mathematicae, 2016, 39, 959-975.	0.6	14
59	A note on analytical solutions of nonlinear fractional 2D heat equation with non-local integral terms. Pramana - Journal of Physics, 2016, 87, 1.	1.8	13
60	Iterative algorithms for solving variational inequalities and fixed point problems for asymptotically nonexpansive mappings in Banach spaces. Numerical Algorithms, 2016, 73, 869-906.	1.9	6
61	An iterative algorithm for solving split feasibility problems and fixed point problems in Banach spaces. Numerical Algorithms, 2016, 72, 835-864.	1.9	51
62	Convergence analysis of an iterative algorithm for fixed point problems and split feasibility problems in certain Banach spaces. Optimization, 2016, 65, 299-323.	1.7	29
63	An Analytical Approach to Time-Fractional Harry Dym Equation. Applied Mathematics and Information Sciences, 2016, 10, 409-412.	0.5	4
64	Exact and Approximate Solutions of Fractional Diffusion Equations with Fractional Reaction Terms. Progress in Fractional Differentiation and Applications, 2016, 2, 19-30.	0.6	17
65	Some New Results on the New Conformable Fractional Calculus with Application Using D ^α Alambert Approach. Progress in Fractional Differentiation and Applications, 2016, 2, 115-122.	0.6	89
66	Iterative approximation of solutions for proximal split feasibility problems. Fixed Point Theory and Applications, 2015, 2015, .	1.1	26
67	On the analytical solution of Fornberg-Whitham equation with the new fractional derivative. Pramana - Journal of Physics, 2015, 85, 567-575.	1.8	38
68	ON THE SOLUTIONS OF NON-LINEAR TIME-FRACTIONAL GAS DYNAMIC EQUATIONS: AN ANALYTICAL APPROACH. International Journal of Pure and Applied Mathematics, 2015, 98, .	0.2	31
69	A fractional diffusion equation model for cancer tumor. AIP Advances, 2014, 4, .	1.3	68
70	An inverse problem for a generalized fractional diffusion. Applied Mathematics and Computation, 2014, 249, 24-31.	2.2	51
71	Analytical solutions of time-fractional models for homogeneous Gardner equation and non-homogeneous differential equations. Ain Shams Engineering Journal, 2014, 5, 999-1004.	6.1	32
72	A New Iterative Scheme for Common Solution of Equilibrium Problems, Variational Inequalities and Fixed Point of k-strictly Pseudo-contractive Mappings in Hilbert Spaces. British Journal of Mathematics & Computer Science, 2014, 4, 512-527.	0.3	1

#	ARTICLE	IF	CITATIONS
73	Solving k-Fractional Hilfer Differential Equations via Combined Fractional Integral Transform Methods. British Journal of Mathematics & Computer Science, 2014, 4, 1427-1436.	0.3	2
74	Iterative approximation of solutions for constrained convex minimization problem. Arabian Journal of Mathematics, 2013, 2, 393-402.	0.9	3
75	On metric type spaces and fixed point theorems. Applied Mathematical Sciences, 0, 8, 3905-3920.	0.1	5
76	Reflected three-operator splitting method for monotone inclusion problem. Optimization Methods and Software, 0, , 1-39.	2.4	6
77	Approximate analytical solutions of strongly nonlinear fractional BBM-Burger's equations with dissipative term. Applied Mathematical Sciences, 0, 8, 7715-7726.	0.1	4
78	Advances in the study of metric type spaces. Applied Mathematical Sciences, 0, 9, 4179-4190.	0.1	2