

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	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
2	Some New Results on the New Conformable Fractional Calculus with Application Using Dâ€™Alambert Approach. <i>Progress in Fractional Differentiation and Applications</i> , 2016, 2, 115-122.	0.6	89
3	A fractional diffusion equation model for cancer tumor. <i>AIP Advances</i> , 2014, 4, .	1.3	68
4	Exact and approximate solutions of timeâ€fractional models arising from physics via Shehu transform. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 7442-7464.	2.3	64
5	Strong convergence result for monotone variational inequalities. <i>Numerical Algorithms</i> , 2017, 76, 259-282.	1.9	63
6	On the analytical solutions of the system of conformable time-fractional Robertson equations with 1-D diffusion. <i>Chaos, Solitons and Fractals</i> , 2017, 94, 1-7.	5.1	59
7	Projection methods with alternating inertial steps for variational inequalities: Weak and linear convergence. <i>Applied Numerical Mathematics</i> , 2020, 157, 315-337.	2.1	58
8	Efficient analytical techniques for solving time-fractional nonlinear coupled Jaulentâ€™Miodek system with energy-dependent SchrÃ¶dinger potential. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	57
9	An inverse problem for a generalized fractional diffusion. <i>Applied Mathematics and Computation</i> , 2014, 249, 24-31.	2.2	51
10	An iterative algorithm for solving split feasibility problems and fixed point problems in Banach spaces. <i>Numerical Algorithms</i> , 2016, 72, 835-864.	1.9	51
11	A fractional order approach to modeling and simulations of the novel COVID-19. <i>Advances in Difference Equations</i> , 2020, 2020, 683.	3.5	46
12	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
13	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
14	Weak and strong convergence theorems for solving pseudo-monotone variational inequalities with non-Lipschitz mappings. <i>Numerical Algorithms</i> , 2020, 84, 795-823.	1.9	39
15	On the analytical solution of Fornbergâ€™Whitham equation with the new fractional derivative. <i>Pramana - Journal of Physics</i> , 2015, 85, 567-575.	1.8	38
16	Iterative methods for solving fourthâ€and sixthâ€order timeâ€fractional Cahnâ€™Hilliard equation. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 4050.	2.3	38
17	A reliable technique to study nonlinear time-fractional coupled Kortewegâ€™de Vries equations. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	38
18	Approximate and generalized solutions of conformable type Coudreyâ€™Doddâ€™Gibbonâ€™Sawadaâ€™Kotera equation. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150021.	2.0	34

#	ARTICLE	IF	CITATIONS
19	Analytical solutions of time-fractional models for homogeneous Gardner equation and non-homogeneous differential equations. <i>Ain Shams Engineering Journal</i> , 2014, 5, 999-1004.	6.1	32
20	Strong convergence result for proximal split feasibility problem in Hilbert spaces. <i>Optimization</i> , 2017, 66, 2275-2290.	1.7	31
21	ON THE SOLUTIONS OF NON-LINEAR TIME-FRACTIONAL GAS DYNAMIC EQUATIONS: AN ANALYTICAL APPROACH. <i>International Journal of Pure and Applied Mathematics</i> , 2015, 98, .	0.2	31
22	Subgradient Extragradient Method with Double Inertial Steps for Variational Inequalities. <i>Journal of Scientific Computing</i> , 2022, 90, 1.	2.3	31
23	Iterative method with inertial terms for nonexpansive mappings: applications to compressed sensing. <i>Numerical Algorithms</i> , 2020, 83, 1321-1347.	1.9	30
24	Convergence analysis of an iterative algorithm for fixed point problems and split feasibility problems in certain Banach spaces. <i>Optimization</i> , 2016, 65, 299-323.	1.7	29
25	Iterative methods for solving proximal split minimization problems. <i>Numerical Algorithms</i> , 2018, 78, 193-215.	1.9	29
26	A modified inertial subgradient extragradient method for solving variational inequalities. <i>Optimization and Engineering</i> , 2022, 23, 421-449.	2.4	29
27	Iterative approximation of solutions for proximal split feasibility problems. <i>Fixed Point Theory and Applications</i> , 2015, 2015, .	1.1	26
28	The subgradient extragradient method for pseudomonotone equilibrium problems. <i>Optimization</i> , 2020, 69, 901-923.	1.7	24
29	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
30	An inertial subgradient extragradient algorithm extended to pseudomonotone equilibrium problems. <i>Mathematical Methods of Operations Research</i> , 2021, 93, 213-242.	1.0	20
31	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
32	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
33	A new iterative method for solving pseudomonotone variational inequalities with non-Lipschitz operators. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	18
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Analytical Study of $(3+1)$ -Dimensional Fractional-Reaction Diffusion Trimolecular Models. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	1.6	16
39	The fractional Rosenau-Hyman model and its approximate solution. AEJ - Alexandria Engineering Journal, 2016, 55, 1655-1659.	6.4	15
40	Convergence analysis of projection method for variational inequalities. Computational and Applied Mathematics, 2019, 38, 1.	2.2	15
41	A cyclic iterative method for solving Multiple Sets Split Feasibility Problems in Banach Spaces. Quaestiones Mathematicae, 2016, 39, 959-975.	0.6	14
42	An inertial type iterative method with Armijo linesearch for nonmonotone equilibrium problems. Calcolo, 2018, 55, 1.	1.1	14
43	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
44	System of Time Fractional Models for COVID-19: Modeling, Analysis and Solutions. Symmetry, 2021, 13, 787.	2.2	13
45	Nonlinear iteration method for proximal split feasibility problems. Mathematical Methods in the Applied Sciences, 2018, 41, 781-802.	2.3	10
46	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
47	Inertial Tseng's extragradient method for solving variational inequality problems of pseudo-monotone and non-Lipschitz operators. Journal of Industrial and Management Optimization, 2022, 18, 2873.	1.3	10
48	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
49	New hybrid projection methods for variational inequalities involving pseudomonotone mappings. Optimization and Engineering, 2021, 22, 363-386.	2.4	9
50	Accelerated hybrid viscosity and steepest-descent method for proximal split feasibility problems. Optimization, 2018, 67, 475-492.	1.7	8
51	Efficient time discretization scheme for nonlinear space fractional reaction-diffusion equations. International Journal of Computer Mathematics, 2018, 95, 1274-1291.	1.8	8
52	Weak convergence for variational inequalities with inertial-type method. Applicable Analysis, 2022, 101, 192-216.	1.3	8
53	On nabla conformable fractional Hardy-type inequalities on arbitrary time scales. Journal of Inequalities and Applications, 2021, 2021, .	1.1	8
54	Viscosity iterative algorithms for fixed point problems of asymptotically nonexpansive mappings in the intermediate sense and variational inequality problems in Banach spaces. Numerical Algorithms, 2017, 76, 521-553.	1.9	7

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	New projection methods with inertial steps for variational inequalities. <i>Optimization</i> , 2022, 71, 4731-4762.	1.7	7
58	Iterative algorithms for solving variational inequalities and fixed point problems for asymptotically nonexpansive mappings in Banach spaces. <i>Numerical Algorithms</i> , 2016, 73, 869-906.	1.9	6
59	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
60	The modified viscosity implicit rules for variational inequality problems and fixed point problems of nonexpansive mappings in Hilbert spaces. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 3545-3562.	1.2	6
61	Projected-Reflected Subgradient-Extragradient Method and Its Real-World Applications. <i>Symmetry</i> , 2021, 13, 489.	2.2	6
62	Reflected three-operator splitting method for monotone inclusion problem. <i>Optimization Methods and Software</i> , 0, , 1-39.	2.4	6
63	On metric type spaces and fixed point theorems. <i>Applied Mathematical Sciences</i> , 0, 8, 3905-3920.	0.1	5
64	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
65	New Convergence Results for Inertial Krasnoselskiiâ€Mann Iterations in Hilbert Spaces with Applications. <i>Results in Mathematics</i> , 2021, 76, 1.	0.8	4
66	Approximate analytical solutions of strongly nonlinear fractional BBM-Burgerâ€™s equations with dissipative term. <i>Applied Mathematical Sciences</i> , 0, 8, 7715-7726.	0.1	4
67	An Analytical Approach to Time-Fractional Harry Dym Equation. <i>Applied Mathematics and Information Sciences</i> , 2016, 10, 409-412.	0.5	4
68	Modified inertial methods for finding common solutions to variational inequality problems. <i>Fixed Point Theory</i> , 2019, 20, 683-702.	0.7	4
69	Iterative approximation of solutions for constrained convex minimization problem. <i>Arabian Journal of Mathematics</i> , 2013, 2, 393-402.	0.9	3
70	Strong convergence theorems for fixed point problems for strict pseudo-contractions and variational inequalities for inverse-strongly accretive mappings in uniformly smooth Banach spaces. <i>Journal of Fixed Point Theory and Applications</i> , 2019, 21, 1.	1.1	2
71	Advances in the study of metric type spaces. <i>Applied Mathematical Sciences</i> , 0, 9, 4179-4190.	0.1	2
72	Solving k-Fractional Hilfer Differential Equations via Combined Fractional Integral Transform Methods. <i>British Journal of Mathematics & Computer Science</i> , 2014, 4, 1427-1436.	0.3	2

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	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
76	A New Iterative Scheme for Common Solution of Equilibrium Problems, Variational Inequalities and Fixed Point of k -strictly Pseudo-contractive Mappings in Hilbert Spaces. <i>British Journal of Mathematics & Computer Science</i> , 2014, 4, 512-527.	0.3	1
77	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
78	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