

# Zabidin Salleh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/420201/publications.pdf>

Version: 2024-02-01

70  
papers

296  
citations

1163117

8  
h-index

1199594

12  
g-index

70  
all docs

70  
docs citations

70  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	A flow study of Carreau fluid near the boundary layer region of paraboloid surface with viscous dissipation and variable fluid properties. <i>Journal of Materials Research and Technology</i> , 2021, 14, 901-909.	5.8	25
2	The Impact of Viscous Dissipation on the Thin Film Unsteady Flow of GO-EG/GO-W Nanofluids. <i>Mathematics</i> , 2019, 7, 653.	2.2	21
3	On pairwise Lindelöf bitopological spaces. <i>Topology and Its Applications</i> , 2007, 154, 1600-1607.	0.4	16
4	An efficient modified Polak-Ribière-Polyak conjugate gradient method with global convergence properties. <i>Optimization Methods and Software</i> , 2017, 32, 1299-1312.	2.4	15
5	Dynamical Analysis of a Modified Lorenz System. <i>Journal of Mathematics</i> , 2013, 2013, 1-8.	1.0	13
6	An Efficient Hybrid Conjugate Gradient Method with the Strong Wolfe-Powell Line Search. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-7.	1.1	13
7	Approximate Analytical Analysis of Unsteady MHD Mixed Flow of Non-Newtonian Hybrid Nanofluid over a Stretching Surface. <i>Fluids</i> , 2021, 6, 138.	1.7	11
8	A New Modified Three-Term Conjugate Gradient Method with Sufficient Descent Property and Its Global Convergence. <i>Journal of Mathematics</i> , 2017, 2017, 1-12.	1.0	10
9	Effect of the Marangoni Convection in the Unsteady Thin Film Spray of CNT Nanofluids. <i>Processes</i> , 2019, 7, 392.	2.8	10
10	Secure communications based on the synchronization of the new Lorenz-like attractor circuit. <i>Advanced Studies in Theoretical Physics</i> , 2015, 9, 379-394.	0.2	8
11	An efficient modification of the Hestenes-Stiefel nonlinear conjugate gradient method with restart property. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	1.1	8
12	Third Hankel determinant and Zalcman functional for a class of starlike functions with respect to symmetric points related with sine function. <i>Journal of Mathematics and Computer Science</i> , 2021, 25, 29-36.	1.0	8
13	Analytical Investigation of Magnetic Field on Unsteady Boundary Layer Stagnation Point Flow of Water-Based Graphene Oxide-Water and Graphene Oxide-Ethylene Glycol Nanofluid over a Stretching Surface. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8.	1.1	7
14	Influence of Dynamics Viscosity on the Water Base Graphene Oxide-Ethylene Glycol/Graphene Oxide-Water Nanofluid Flow Over a Stretching Cylinder. <i>Journal of Nanofluids</i> , 2019, 8, 1661-1667.	2.7	7
15	Modification of Nonlinear Conjugate Gradient Method with Weak Wolfe-Powell Line Search. <i>Abstract and Applied Analysis</i> , 2017, 2017, 1-6.	0.7	6
16	On a Harmonic Univalent Subclass of Functions Involving a Generalized Linear Operator. <i>Axioms</i> , 2020, 9, 32.	1.9	6
17	On a class of p-valent functions involving generalized differential operator. <i>Afrika Matematika</i> , 2021, 32, 275-287.	0.8	6
18	A Convex Combination between Two Different Search Directions of Conjugate Gradient Method and Application in Image Restoration. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-15.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Analytical Investigation of the Time-Dependent Stagnation Point Flow of a CNT Nanofluid over a Stretching Surface. <i>Nanomaterials</i> , 2022, 12, 1108.	4.1	6
20	Pairwise Weakly Regular-Lindelöf Spaces. <i>Abstract and Applied Analysis</i> , 2008, 2008, 1-13.	0.7	5
21	A New Modified Three-Term Hestenes's Stiefel Conjugate Gradient Method with Sufficient Descent Property and Its Global Convergence. <i>Journal of Optimization</i> , 2018, 2018, 1-13.	6.0	5
22	The impact of the magnetic field and viscous dissipation on the thin film unsteady flow of GO-EG/GO-W nanofluids. <i>Journal of Physics: Conference Series</i> , 2019, 1366, 012031.	0.4	5
23	A Descent Four-Term Conjugate Gradient Method with Global Convergence Properties for Large-Scale Unconstrained Optimisation Problems. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-14.	1.1	5
24	Influence of Marangoni Convection on Magnetohydrodynamic Viscous Dissipation and Heat Transfer on Hybrid Nanofluids in a Rotating System among Two Surfaces. <i>Mathematics</i> , 2021, 9, 2242.	2.2	5
25	On a Unified Mittag-Leffler Function and Associated Fractional Integral Operator. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-9.	1.1	5
26	Some results on $(\hat{I}$ -pre,s)-continuous functions. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2006, 2006, 1-11.	0.7	4
27	Influence of dynamics viscosity on the water base CNTs nanofluid flow over a stretching surface. <i>Cogent Engineering</i> , 2020, 7, 1772945.	2.2	4
28	Applications of a New $q$ -Difference Operator in Janowski-Type Meromorphic Convex Functions. <i>Journal of Function Spaces</i> , 2021, 2021, 1-10.	0.9	4
29	Interval Type-2 Fuzzy Standardized Cumulative Sum Control Charts in Production of Fertilizers. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-20.	1.1	4
30	THE IMPACT OF MARANGONI CONVECTION, MAGNETIC FIELD AND VISCOUS DISSIPATION ON THE THIN FILM UNSTEADY FLOW OF GO-EG/GO-W NANOFLLUIDS OVER AN EXTENDING SHEET. <i>JP Journal of Heat and Mass Transfer</i> , 2019, 18, 477-496.	0.2	4
31	Fuzzy $\hat{I}$ -generalized semi-closed sets. , 2013, , .		3
32	On $q$ -analogue of Janowski-type starlike functions with respect to symmetric points. <i>Demonstratio Mathematica</i> , 2021, 54, 37-46.	1.5	3
33	A decent three term conjugate gradient method with global convergence properties for large scale unconstrained optimization problems. <i>AIMS Mathematics</i> , 2021, 6, 10742-10764.	1.6	3
34	A Modified Liu and Storey Conjugate Gradient Method for Large Scale Unconstrained Optimization Problems. <i>Algorithms</i> , 2021, 14, 227.	2.1	3
35	MATHEMATICAL MODEL OF THREE SPECIES FOOD CHAIN WITH HOLLING TYPE-III FUNCTIONAL RESPONSE. <i>International Journal of Pure and Applied Mathematics</i> , 2014, 89, .	0.2	3
36	A Descent Four-Term of Liu and Storey Conjugate Gradient Method for Large Scale Unconstrained Optimization Problems. <i>European Journal of Pure and Applied Mathematics</i> , 2021, 14, 1429-1456.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Hopf bifurcation analysis of a modified Lorenz system. , 2013, , .		2
38	Quantum Hermite-Hadamard type inequalities for generalized strongly preinvex functions. AIMS Mathematics, 2021, 6, 13291-13310.	1.6	2
39	On subclasses of harmonic mappings involving Frasin operator. Afrika Matematika, 2021, 32, 1159.	0.8	2
40	An Efficient Modified AZPRP Conjugate Gradient Method for Large-Scale Unconstrained Optimization Problem. Journal of Mathematics, 2021, 2021, 1-9.	1.0	2
41	Topologically Transitive and Mixing Properties of Set-Valued Dynamical Systems. Abstract and Applied Analysis, 2021, 2021, 1-7.	0.7	2
42	INTEGRATION MODEL IN AUTO TAKAFUL INSURANCE. Far East Journal of Mathematical Sciences, 2015, 98, 599-611.	0.0	2
43	THE SCALING OF HYBRID METHOD IN SOLVING UNCONSTRAINED OPTIMIZATION METHOD. Far East Journal of Mathematical Sciences, 2016, 99, 983-991.	0.0	2
44	Conjugate Gradient $\hat{\alpha}$ Method: A Developed Version to Resolve Unconstrained Optimization Problems. Journal of Computer Science, 2020, 16, 1220-1228.	0.6	2
45	ANALYTICAL STUDY OF UNSTEADY SQUEEZED FLOW OF WATER BASE CNTS NANOFUID WITH MAGNETIC FIELD AND VARIABLE THERMAL CONDUCTIVITY OVER A STRETCHING SURFACE. Frontiers in Heat and Mass Transfer, 0, 14, .	0.2	2
46	Two efficient modifications of AZPRP conjugate gradient method with sufficient descent property. Journal of Inequalities and Applications, 2022, 2022, .	1.1	2
47	Fuzzy $\hat{I}$ -semi-generalized closed sets. Journal of Physics: Conference Series, 2013, 435, 012008.	0.4	1
48	Unidirectional synchronization of Jerk circuit and its $\hat{\alpha}$ ™s uses in secure communication system. Advanced Studies in Theoretical Physics, 0, 9, 545-557.	0.2	1
49	A Novel Method for Developing Efficient Probability Distributions with Applications to Engineering and Life Science Data. Journal of Mathematics, 2021, 2021, 1-13.	1.0	1
50	A Study of Bipolar Fuzzy Soft Sets and Its Application in Decision-Making Problems. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	1
51	Univalent Functions by Means of Chebyshev Polynomials. Journal of Function Spaces, 2022, 2022, 1-8.	0.9	1
52	Approximate Analytical Study of Time-Dependent MHD Casson Hybrid Nanofluid over a Stretching Sheet and Considering Thermal Radiation. Advances in Mathematical Physics, 2022, 2022, 1-11.	0.8	1
53	A SCHEMA ON GENERALIZED CONTINUOUS, GENERALIZED CLOSED AND GENERALIZED OPEN FUNCTIONS. , 2010, , .		0
54	Fuzzy $\hat{I}$ -generalized semi-continuous and fuzzy $\hat{I}$ -generalized semi-irresolute mappings. AIP Conference Proceedings, 2015, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Fuzzy $\hat{I}$ -Semi-Generalized Continuous Mappings. , 2015, , .		0
56	Pairwise nearly compact and pairwise nearly paracompact spaces and it application. AIP Conference Proceedings, 2016, , .	0.4	0
57	Topological nearly entropy. AIP Conference Proceedings, 2017, , .	0.4	0
58	Stability analysis of a simple nutrient-prey-predator model with intratrophic predation in chemostat. AIP Conference Proceedings, 2018, , .	0.4	0
59	Mappings and decompositions of pairwise continuity on $(i, j)$ -almost Lindelöf and $(i, j)$ -weakly Lindelöf spaces. Proyecciones, 0, , .	0.3	0
60	New classes of harmonic meromorphic multivalent starlike functions in Janowski domain. Journal of Mathematics and Computer Science, 2021, 24, 216-224.	1.0	0
61	On Opial-Type Inequalities for Superquadratic Functions and Applications in Fractional Calculus. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	0
62	Approximate Symmetries Analysis and Conservation Laws Corresponding to Perturbed Kortewegâ€“de Vries Equation. Journal of Mathematics, 2021, 2021, 1-11.	1.0	0
63	On Extended Convex Functions via Incomplete Gamma Functions. Journal of Function Spaces, 2021, 2021, 1-7.	0.9	0
64	Reduction of Asymptotic Approximate Expansion of Navierâ€“Stokes Equation and Solution of Inviscid Burgers Equation by Similarity Transformation. Scientific Programming, 2021, 2021, 1-11.	0.7	0
65	A Note on Topological Entropy of Continuous Self-Maps. Journal of Mathematics and System Science, 2015, 5, .	0.1	0
66	ANOTHER MODIFIED DPRP CONJUGATE GRADIENT METHOD WITH GLOBAL CONVERGENT PROPERTIES. Far East Journal of Mathematical Sciences, 2015, 98, 563-577.	0.0	0
67	A NEW MODIFICATION OF NONLINEAR CONJUGATE GRADIENT FORMULA. Far East Journal of Mathematical Sciences, 2016, 99, 509-523.	0.0	0
68	A MODIFIED CONJUGATE GRADIENT METHOD WITH SUFFICIENT CONDITION AND CONJUGACY CONDITION. Far East Journal of Mathematical Sciences, 2016, 99, 525-540.	0.0	0
69	Maximal Injective Real $W$ -Subalgebras of Tensor Products of Real $W$ -Algebras. Abstract and Applied Analysis, 2022, 2022, 1-7.	0.7	0
70	APPROXIMATE ANALYTICAL STUDY OF UNSTEADY FLOW AND HEAT TRANSFER ANALYSIS OF CARBON NANOTUBES NANOFUID OVER STRETCHING SHEET. , 2022, 1, 25-38.		0