

بحوث قسم الرياضيات
للعام الدراسي 2024-2025

كلارفيت: 28

سكوبس : 32

محلي وعالمي: 7

العدد الكلي : 67

اسم المجلة	النوع المجلة	تاريخ النشر	اسم البحث	الاسم الثالث	الاسم الثاني	الاسم الاول	
Journal of Applied and Computational Mechanics	سكوبس - كلارفيت	01/07/2025	Instability of Poiseuille Flow of Viscoelastic Fluids in a Porous Medium of Brinkman-Darcy-Kelvin-Voigt Type with Slip Effect		Akil J Harfash	Shahizlan S Hajool	.1
Journal of Porous Media	سكوبس - كلارفيت	15/02/2025	Instability of thermosolutal convection of Kelvin-Voigt fluid in a porous medium using Darcy-Brinkman model		Akil J Harfash	Zaid Abbas Afluk	2.
Results in Control and Optimization	سكوبس	27/01/2025	Mathematical analysis of COVID-19 dynamics in Iraq utilising empirical data		ايداد ريسان خضير	وسن ابراهيم خليل	.3
Malaysian Journal of Mathematical Sciences	سكوبس وكلارفيت	01/12/2024	On caputo delta q-fractional dynamical systems: lyapunov stability		ايداد ريسان خضير	ندى كاظم مهدي	.4
TWMS J. App. and Eng. Math	سكوبس وكلارفيت	01/03/2025	Some analytical results on the Δ -fractional dynamic equations		ايداد ريسان خضير	ندى كاظم مهدي	.5
TWMS J. App. and Eng. Math.	سكوبس وكلارفيت	01/10/2024	Toward stability investigation of fractional dynamical systems on time scale		ايداد ريسان خضير	ندى كاظم مهدي	.6
Partial Differential	سكوبس وكلارفيت	22/11/2024	Numerical study of the time-fractional partial differential		بشرى عزيز طه	فهد كامل نشمي	.7

Equations in Applied Mathematics			equations by using quartic B-spline method				
Results in Control and Optimization	سكوبس وكلا رفيت	27/01/2025	Mathematical analysis of COVID-19 dynamics in Iraq utilising empirical data	لا يوجد	د.اياد ريسان	د.وسن ابراهيم خليل	8.
Partial Differential Equations in Applied Mathematics	سكوبس q1	22/11/2024	Numerical Study of The time-Fractional Partial Differential Equations by Using Quartic B-spline Method		د.بشرى عزيز طه	فهد كامل نشمي	9.
Journal of Mathematical Modeling	سكوبس وكلا رفيت	02/10/2025	Numerical solution of the time fractional nonlinear burgers equation using the quintic B-Spline method		د.بشرى عزيز طه	فهد كامل نشمي	10.
Computational Methods for Differential Equations	سكوبس q1 وكلا رفيت	03/10/2025	QUARTIC B-SPLINE METHOD FOR SOLVING TIME FRACTIONAL TELEGRAPH EQUATION		د.بشرى عزيز طه	فهد كامل نشمي	11.
Boletim da Sociedade Paranaense de Matemática	سكوبس وكلا رفيت	21/06/2025	Hybrid Quartic B-Spline Method for Solving Time Fractional Differential Equations		د.بشرى عزيز طه	فهد كامل نشمي	12.
Boletim da Sociedade Paranaense de Matemática	سكوبس	31/08/2025	Generalized Homogeneous q-Shift Operator Applied for Generalized Cigler's Polynomials		سماهر عدنان عبد الغني	حسام لوتي سعد	13.
Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	سكوبس	30/06/2024	The Analytical Improvement of q-Homotopy Analysis Method for Magneto-hydrodynamic (MHD) Jeffrey Hamel Nanofluid Flow		عبير مجيد	حيدر عبد الرزاق	14.
Iraqi Journal for Computer Science and Mathematics	سكوبس	21/05/2025	The Innovative Technique for Obtaining the Solutions		عبير مجيد	حيدر عبد الرزاق	15.

			of Jeffery Hamel Nano- fluids Flow Problem				
Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	سكوبس	20/03/2025	Study Optimal Approximation Solution of First Grade Fluid Flow with Slip Boundary Condition by Optimal Perturbation Iteration Algorithm		عبير مجيد جاسم	بتول عبد الحكيم	16.
Journal of Basrah Researches (Sciences)	محلي	30/06/2025	The Effect of Convolution Theory for Heat Transfer of Unsteady Nanofluid Flow with Presenting an Inclined Magnetic Field		عبير مجيد جاسم	جيدر عبد الرزاق	17.
CFD Letters	سكوبس	30/07/2025	Extract Optimized Solutions of q-Homotopy Analysis Method for Magneto- Hydrodynamic Nano-Fluid Flow in a Porous Medium		عبير مجيد جاسم	حيدر عبد الرزاق	18.
Journal of Engineering Mathematics	سكوبس - كلاريفيت	17/03/2025	New mathematical methods for convection stability in bidisperse porousmedia with solute variations		عقيل جاسم حرفش	سناء لفته خلف	19.
Heat Transfer	سكوبس - كلاريفيت	16/05/2025	Thermosolutal Convection in Dual-Porosity Media With Generalized Boundary Conditions and Magnetic Field Effect		عقيل جاسم حرفش	سناء لفته خلف	20.
Engineering Computations	سكوبس	11/04/2025	Coupled effects of stick-slip and thermal boundary conditions on viscous dissipation for inelastic power-law fluids		علاء حسن عبد الله	بشائر كاظم جاسم	21.
Journal of Applied and Computational Mechanics	سكوبس	18/05/2025	High-Order Algorithm for Simulating Heat Transfer in Complex Yield-Stress Fluid Flows		علاء حسن عبد الله	بشائر كاظم جاسم	22.

International Journal of Numerical Methods for Heat & Fluid Flow	سکوبس	26/06/2025	High-order algorithm to simulate thermal convection for a thermo-dependent viscoplastic fluid flow		علاء حسن عبد الله	بشائر كاظم جاسم	23.
International Journal of Modern Physics C	سکوبس	14/04/2025	High-order artificial compressibility algorithm for simulating non-Newtonian fluid flows		علاء حسن عبد الله	بشائر كاظم جاسم	24.
International Journal of Numerical Methods for Heat & Fluid Flow	سکوبس	30/04/2025	Numerical Simulation of Shear-Thinning Fluid Flow: Finite Element Method	بشائر كاظم جاسم	علاء حسن عبد الله	أحمد جميل غانم	25.
Journal of Applied and Computational Mechanics	Scopus+Clarivate	30/04/2025	Numerical Study of Extension-Thinning Inelastic Fluid Flow: Galerkin Finite Element Method		علاء حسن عبدالله	احمد غانم	26.
Computers, Materials and Continua	Scopus+Clarivate	24/08/2025	Security Challenges and Analysis Tools in Internet of Health ings: A Comprehensive Review	زيد امين عبدالجبار	علي عادل ياسين	ايناس وهاب عبود	27.
The Iraqi Journal for Computer Science and Mathematics,	سکوبس	12/02/2025	The Permutation Annihilator Ideals in Commutative Permutation BCK–Algebras with their Applications		A. A. Asmael	S. Khalil	28.
Afrika Matematika	سکوبس	29/04/2025	New category of algebraic fuzzy systems with their applications of translations and bipolar fuzzy RHO-ideals semigroups		A.N. Hassan	S.M. Khalil	29.
Iranian Journal of Numerical Analysis and Optimization	سکوبس	01/09/2024	Finite element analysis for microscale heat equation with Neumann boundary conditions		AJ Harfash	MH Hashim	30.

Transport in Porous Media	سكوبس - كلارفيث	01/11/2025	Thermosolutal Convection in a Brinkman–Darcy–Kelvin–Voigt Fluid of Order One with Couple Stresses Effect: ZA Afluk, AJ Harfash		Akil J Harfash	Zaid Abbas Afluk	31.
Journal of Mathematical Sciences	سكوبس	26/05/2025	Numerical approximation of the two-species Shigesada-Kawasaki-Teramoto model		Akil J Harfash	Ghufran A Al-Musawi	32.
Numerical Heat Transfer, Part A: Applications	سكوبس - كلارفيث	19/05/2025	Double diffusive convection in bidisperse porous media with couple stresses effect and relatively large macropores		Akil J Harfash	Zaid Abbas Afluk	33.
Journal of Engineering Mathematics	سكوبس - كلارفيث	01/04/2025	New mathematical methods for convection stability in bidisperse porous media with solute variations		Akil J Harfash	Sanaa L Khalaf	34.
Journal of Mathematical Sciences	سكوبس	01/04/2025	The convergence of the finite element approximation to the weak solution of attraction-repulsion chemotaxis system with additional self-diffusion term		Akil J Harfash	Mohammed Homod Hashim	35.
Journal of Mathematical Modeling	سكوبس - كلارفيث	01/03/2025	Finite element approximation of coupled Cahn-Hilliard equations with a logarithmic potential and nondegenerate mobility		Akil J Harfash	Ghufran A Al-Musawi	36.
International Journal of Modern Physics B	سكوبس - كلارفيث	10/01/2025	Hydrodynamic stability of Poiseuille flow in a bidisperse porous medium with slip effect		Akil J Harfash	Shahizlan Shakir Hajool	37.
Heat Transfer	سكوبس - كلارفيث	03/01/2025	Thermosolutal Convection in Dual-Porosity Media With Generalized Boundary		Akil J Harfash	Sanaa L Khalaf	38.

			Conditions and Magnetic Field Effect				
Heat Transfer	سكوبس - كلار فيت	01/05/2025	Thermal Convection in Rotating Bi-Disperse Porous Medium With Local Thermal Nonequilibrium		Akil J Harfash	Alaa Jabbar Badday	39.
Journal of Porous Media	سكوبس - كلار فيت	15/02/2025	Instability of Poiseuille flow in a porous medium with couple stresses effect		Akil J Harfash	Shahizlan Shakir Hajool	40.
Heat Transfer	سكوبس - كلار فيت	15/01/2025	Thermal convection in a Brinkman–Darcy and Kelvin–Voigt fluid of order one with coupled stresses effect		Akil J Harfash	Zaid Abbas Afluk	41.
Boletim da Sociedade Paranaense de Matemática	سكوبس - كلار فيت	29/05/2025	Mathematical analysis of extended Fisher-Kolmogorov equation with Neumann boundary conditions		Akil J. Harfash	Ghufran A. Al-musawi	42.
Journal of Interdisciplinary Mathematics	سكوبس - كلار فيت	21/04/2025	Approximation by modification Szasz-Mirakyan's operators based on continuously infinitely differentiable function		Amal K. Hassan	Jenan Abd Alreda Resen	43.
Journal of Al-Qadisiyah for Computer Science and Mathematics	محلي	31/10/2024	A New Adaptive Method for Solving Neuron Cells Problem of Hodgkin-Huxley and Estimating Parameters		Jehan Mohammed Khudhir	Bushra Muhammad Alkhalifaa	44.
Baghdad Science Journal	سكوبس	24/06/2025	Inverse Problem of Class of Delay Differential Equations and Fast Inverse Problem of Class of Delay Differential Equations and Fast Estimation of Parameters		Jehan Mohammed Khudhir	Ibrahim Makki Khalil	45.

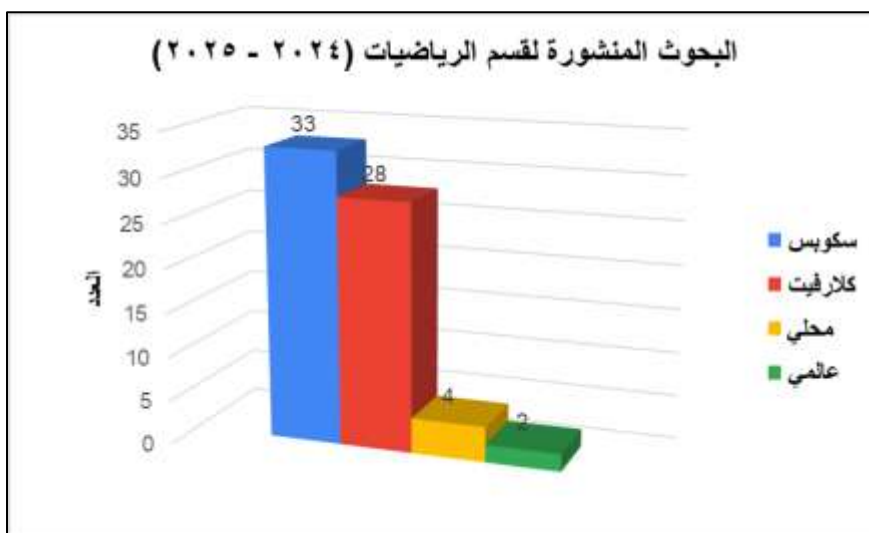
Iraqi Journal for Computer Science and Mathematics	سكوبس	30/03/2024	Large $(k, 3)$ -arcs in PG $(2, 19)$ and the related linear codes		Mohammed Ali Ibrahim	Islam Abaas Abd-alzahra	46.
Ricerche di Matematica	سكوبس - كلاريفيت	05/08/2025	Global existence of a nonlinear coupled sine-Gordon system with Neumann boundary conditions	Huda A Challob	Mohammed Homod Hashim	Ghassan A Al-Juaifri	47.
Iraqi Journal for Computer Science and Mathematics	سكوبس	18/06/2025	Boundary Value Problems Associated with Morse-Novikov Cohomology Groups of Riemannian Manifolds with Boundary		Mohammed Y. Abass	Qusay S. A. AL-ZAMIL	48.
Journal of Discrete Mathematical Sciences and Cryptography	سكوبس	20/06/2025	Pseudo permutation-BCK-algebras with their ideals		S. Khalil	A. A. Asmael	49.
Afrika Matematika	سكوبس	27/04/2025	Information system of cubic dihedral in soft rough setting based on cubic dihedral groups		S. Khalil	H. Fakher	50.
Journal of Discrete Mathematical Sciences and Cryptography	سكوبس	25/06/2025	On intuitionistic fuzzy BZ-ideals in BZ-algebras		S. Khalil	H. A. Almwail	51.
International Journal of Neutrosophic Science	سكوبس	25/07/2025	Pentapartitioned Neutrosophic Vague Soft Sets and its Applications	V. Radhika	S. Khalil	M. Al-Labadi	52.
Mathematics and Computational Sciences	سكوبس	01/03/2025	Numerical approximations for damped wave equation with neumann boundary conditions	Ayat A Hameed	Sattar M Hassan	Mohammed Homod Hashim	53.

Journal of Topology and Analysis. https://doi.org/10.1142/S1793525324500134	سكوبس و كلاريفيت	09/06/2025	A refinement of Morse–Novikov cohomology on manifolds with boundary and the cohomology of the space of solutions of $\ker \Delta \theta$			Qusay S. A. Al-Zamil	54.
International Journal of Mathematics and Computer Science	سكوباس	02/05/2025	Improving the approximation order of Baskakov-Beta operators based on a parameter		امل خليل حسن	احمد فاضل جبار	.55
Journal of Education for Pure Science-University of Thi-Qar	محلي	06/01/2025	Study The General Boolean Sum (GBS) of New Modification For Baskakov-Bate Operators		امل خليل حسن	احمد فاضل جبار	.56
Annals of Mathematics and Computer Science	عالمي	04/05/2025	Simultaneous Approximation Of New Baskakov Operators		امل خليل حسن	احمد فاضل جبار	.57
Gulf Journal of Mathematics	سكوباس	03/02/2025	Approximation By New Baskakov Operators		امل خليل حسن	احمد فاضل جبار	.58
Annals of Pure and Applied Mathematics	عالمي	08/04/2025	Approximation Properties of a New Baskakov-Kantorovich Type Operators		امل خليل حسن	احمد فاضل جبار	.59
Palestine Journal of Mathematics	سكوباس	02/10/2024	The homogeneous q-shift operator and the generalized Al-Salam-Carlitz polynomials		Husam L. Saad	Mahmood A. Arif	60.
Discrete Mathematics, Algorithms and Applications	سكوباس	10/04/2025	Edges deletion problem of hypercube graphs for some n		Alaa A. Najim	Anwar N Jasim	61.
Expert Systems with Applications	سكوباس	25/07/2025	Unmanned surface vessel routing and unmanned aerial vehicle swarm scheduling for off-shore wind turbine blade inspection	Mohanad Al-Behadili,	Djamila Ouelhadj,	Asrul Harun Ismail	62.

SPE Western Regional Meeting	سكوباس	25/04/2025	Predictive Analytics for High-Potential Geologic Hydrogen Discoveries: Reducing Exploration Risks Across Diverse Geological Settings	هناء مرتضى علي	L. A. Hatho	S. Alessa	63.
Iraqi Journal of Science	سكوباس	30/10/2024	Analytical modeling of mass and heat transfer on unsteady squeezing viscous nanofluid flow under the influence of slip velocity		Abeer Majeed Jasim	Renna D Abdul-Wahhab	64.
Partial Differential Equations in Applied Mathematics	سكوباس	01/09/2024	The study of stability analysis of the Ebola virus via fractional model	Sanaa L Khalaf	Mohannad M Eisa	Renna D Abdul-Wahhab	65.
Ibn AL-Haitham Journal For Pure and Applied Sciences	محلي	20/10/2024	Spin Characters' Decomposition Matrices of S27, S28 modulo, $p=13$		Saeed A Taban	Ahmed H Jassim	66.
MethodsX	سكوبس / كلاريفيت	كانون الأول-24	Boundary values of Hankel and Toeplitz determinants for -convex functions	Zainab S. Madhi	Timilehin Gideon Shaba	Sarem H. Hadi	67.

احصائية البحوث لقسم الرياضيات للعام الدراسي 2024-2025

1. عدد البحوث المنشورة هو 67 بحث.
2. عدد البحوث المصنفة في سكوبس : 33 بحث
3. عدد البحوث المصنفة كلاريفيت : 28 بحث
4. عدد البحوث المحلية : 4 بحث
5. عدد البحوث في المجالات العالمية : 2 بحث



6. عدد البحوث المنشورة في العلوم : 67 بحث
7. عدد البحوث المنشورة في التخصصات الاخرى : 1 (حاسوب)

