



QUALITY INDICATOR FRAMEWORK (QIF)

3.3.2. Number of research papers per teachers in the Journals notified on UGC website during the year

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Document Link	
1	Design and Evaluation of Rice Straw bag filling machine for Oyster Mushroom (Pleuotus Florida) Cultivation	Dr. Shashikumar	AG	Journal of Scientific & Industrial Research	2023	0022-4456	https://www.ugc.gov.in/pdfnews/8919877_Journals-1.pdf	View Document
2	Design and Evaluation of Rice Straw bag filling machine for Oyster Mushroom (Pleuotus Florida) Cultivation	K Raju Yadav	AG	Journal of Scientific & Industrial Research	2023	0022-4456	https://www.ugc.gov.in/pdfnews/8919877_Journals-1.pdf	View Document
3	A swarm-optimized microbial colony counter	Dr. Pradeep Nazareth	AIML	Expert Systems, Wiley	2023	1468-0394.	https://onlinelibrary.wiley.com/doi/10.1111/exsy.13510	View Document
4	Cluster-Based Multi-attribute Routing Protocol for Underwater Acoustic Sensor Networks	Dr. Pradeep Nazareth	AIML	Wireless Personal Communications, Springer Link	2024	1572-834X	https://doi.org/10.1007/s11277-024-10926-6	View Document
5	Hybrid manifold smoothing and label propagation technique for Kannada handwritten character recognition	Dr. Ramesh G	AIML	Frontiers in Neuroscience	2024	1662-453X	https://www.frontiersin.org/journals/neuroscience/articles/10.3389/fnins.2024.1362567/full	View Document



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6	Exploration of Non-Convex Optimization Challenges Across Diverse Data Sets Using Machine Learning and Deep Learning Methods	Prof. Harish Kunder	AIML	International Journal of Computing and Digital Systems	2024	2210-142X	https://journals.uob.edu.bh/handle/123456789/5567	View Document
7	Secure and efficient message transmission in MANET using hybrid cryptography and multipath routing technique	Dr. Manjunath Kotari	CSE	Multimedia Tools and Applications	2023	-	https://link.springer.com/article/10.1007/s11042-024-19542-9	View Document
8	TriChain: Kangaroo-Based Intrusion Detection for Secure Multipath Route Discovery and Route Maintenance in MANET Using Advanced Routing Protocol	Dr. Manjunath Kotari	CSE	International Journal of Computer Networks and Applications	2023	-	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=UVJTQ7oAAAJ&sortby=pubdate&citation_for_view=UVJTQ7oAAAJ:TQgYirikUcIC	View Document
9	Code Generation Empowered by Natural Language Processing and Machine Learning Algorithms	Dr. R. Senthilkumar	CSE	Advances in Nonlinear Variational Inequalities	2023			View Document
10	Enhancing Academic Success: A Novel Approach to Predict Learning Performance with an Advanced Blended Learning	Dr. Manjunath Kotari	CSE	Educational Administration: Theory and	2024	e-ISSN: 2148-2403	https://kuey.net/index.php/kuey/article/view/5583	View Document



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	Performance Predictor			Practice				
11	Exploration of Non-Convex Optimization Challenges Across Diverse Data Sets Using Machine Learning and Deep Learning Methods	Dr. Manjunath Kotari	CSE	International Journal of Computing and Digital Systems	2024	2210-142X	https://journals.uob.edu.bh/handle/123456789/5567	View Document
12	Secure and efficient message transmission in MANET using hybrid cryptography and multipath routing technique	Dr. Jayantkumar A Rathod, Manjunath Kotari	CSD	Multimedia Tools and Applications	45448	1573-7721	https://doi.org/10.1007/s11042-024-19542-9	View Document
13	TriChain: Kangaroo-Based Intrusion Detection for Secure Multipath Route Discovery and Route Maintenance in MANET Using Advanced Routing Protocol	Dr. Jayantkumar A Rathod, Manjunath Kotari	CSD	International Journal of Computer Networks and Applications (IJCNA)	45348	2395-0455	DOI: 10.22247/ijcna/2024/224436	
14	Classification of Text and Non-Text from Bilingual Document Images Using Deep Learning Approach	Shivakumar G, Ravikumar M, Shivaprasad B J	CSD	Journal of Harbin Engineering University	45505	1006-7043	https://harbinengineeringjournal.com/index.php/journal/article/view/3399	
15	Blockchain-Based Vaccination Record Tracking System	Shwetha G K, Jayantkumar	CSD	International Journal	45893	2156-5570	DOI: 10.14569/IJA CSA.2024.015	



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		r A Rathod, Naveen G, Mounesh Arkachari, Pushparani M K		of Advanced Computer Science and Applicatio ns			0874	
16	Blockchain-Based Vaccination Record Tracking System	Pushparani M K, Shwetha G K, Jayantkuma r A Rathod, Naveen G, Mounesh Arkachari	CSD	Internatio nal Journal of Advanced Computer Science and Applicatio ns	45893	2156- 5570	DOI: 10.14569/IJA CSA.2024.015 0874	
17	Ecohydrological Footprint and Climate Trends in Lotic Ecosystems of Central Western Ghats	Dr. Vinay S	CV	Water	2023	ISSN: 2073- 4441	https://www.mdpi.com/2073-4441/15/18/3169#:~:text=The%20loss%20of%20native%20forest,Southern%20and%20Central%20Western%20Ghats.	View Document
18	Simulating Flood Exposure Due to Meteorological Extremes in GWMC	Dr. Vinay S	CV	Recent Developm ent in River Corridor Managem ent	2023	ISSN: 2366- 2565 Print ISBN 978- 981-99- 4422-4	https://link.springer.com/book/10.1007/978-981-99-4423-1	View Document



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19	Community input to quantification of lake restoration benefits: a pilot study of coastal Karnataka Lake, India	K. S. Varadaraj	CV	Sustainable Water Resources Management	2023	ISSN: 2363-5037	https://link.springer.com/journal/40899	View Document
20	APanoptic region slicing segmentation and opimized CNN based melanoma diagnosis	Dr. Ganesh K	ECE	SN Computer Science Journal / Springer Nature journal	2024	2662-995X		View Document
21	Panoptic region slicing segmentation and opimized CNN based melanoma diagnosis	Dr. Ganesh V n	ECE	SN Computer Science Journal / Springer Nature journal	2024	2662-995X		
22	Multiclas classification of chest X ray images using Resnet 152 with Mix Up Mthod	Dr. Roshan Shetty	ECE	INASS Journal	2024	2185-3118		View Document
23	A Rview on Auto Delevery bot	Mrs Vijetha T S	ECE	CSPE-2024	2024	NA		View Document
24	investigations on the effect of Cd dopant on the properties of 2D Nanostructured vanadium oxide thin films	Dr. D V Manjunatha	ECE	Crystal research technology , Willey	2024		https://doi.org/10.1002/crat.202300207	View Document
25	An ensemble neural network model for predicting the energy	Dr.Dattatreya	ECE	Computer and electrical	2024	0045-7906	https://doi.org/10.1016/j.compeleceng.20	View Document



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	utility in individual houses			engineer(Elsevier)			23.109059	
26	Smart Borewell child rescue system	Mrs Vijetha T S	ECE	CSPE-2024	2024	NA		View Document
27	Voice Controlled wheel chair for physcally disabled people	Mrs Vijetha T S	ECE	CSPE-2024	2024	NA		View Document
28	An enhanced video compression approach through encoding algorithm	Dr. D VManjunatha	ECE	EURASIP Journal on Advances in signal processing (Springer open)	2024	NA	https://doi.org/10.1186/s13634-024-01109-3	View Document
29	An enhanced video compression approach through encoding algorithm	Dr.Datttreya	ECE	EURASIP Journal on Advances in signal processing (Springer open)	2024	NA	https://doi.org/10.1186/s13634-024-01109-3	
30	Hyperparameter tuning using Lévy flight and interactive crossover-based reptile search algorithm for eye movement event classification	Dr. Pradeep P	ISE	Frontiers in Physiology, Section: Medical Physics and Imaging	2024	1664042X	https://doi.org/10.3389/fphys.2024.1366910	



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31	Enhancing Public Safety: A Real-time Social Distance Monitoring with Computer Vision and Deep Learning	Pradeep V	ISE	Salud, Ciencia Y Tecnología - Serie De Conferencias	2024	27969711	https://doi.org/10.56294/sctconf2024616	View Document
32	Blockchain-Based Vaccination Record Tracking System	Mr. Mounesh Arkachari	ISE	International Journal of Advanced Computer Science and Applications	2024	_	https://dx.doi.org/10.14569/IJACSA.2024.0150874	
33	Automatic Music Control using Image Processing and MediaPipe	Dr. Sudheer Shetty	ISE	Proceedings of the International Conference on Intelligent Systems in Computing and Communication	2024	1865-0929	https://doi.org/10.1007/978-3-031-75608-5_19	
34	Significance of addition of carbon nanotubes and fly ash on the wear and frictional performance of	Dr. Peter Fernandes	MECH	Welly-Engineering Reports	45313		https://doi.org/10.1002/eng2.12865	View Document



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	aluminum metalmatrix composites							
35	Characterisation and Investigation of Performance of Sn-Bi Alloy Used as a Thermal Interface Material	Dr. Satyanarayana	MECH	Journal of Materials Science: Materials in Electronics	2023	0957-4522	https://doi.org/10.1007/s10854-023-10480-0	View Document
36	Characterisation and Investigation of Performance of Sn-Bi Alloy Used as a Thermal Interface Material	Dr. Kumar Swamy M C	MECH	Journal of Materials Science: Materials in Electronics	2023	0957-4522	https://doi.org/10.1007/s10854-023-10480-0	View Document
37	Interpretable Ensemble Machine Learning Framework to Predict Wear Rate of Modified ZA-27 Alloy	Dr. Satyanarayana	MECH	Tribology International	2023		https://doi.org/10.1016/j.triboint.2023.108783	View Document
38	Effects of Al ₂ O ₃ Concentration in Ethylene Glycol on Convection Heat Transfer Coefficient”, International Journal of Vehicle Structures & Systems	Dr. Satyanarayana	MECH	International Journal of Vehicle Structures & Systems,	2023		https://doi.org/10.4273/ijvss.15.3.12	View Document
39	Effects of Reynolds Number on the Volume Concentration of Al ₂ O ₃ in Ethylene Glycol”	Dr. Satyanarayana	MECH	International Journal of Vehicle	2023		https://doi.org/10.4273/ijvss.15.3.13	View Document



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				Structure s & Systems,				
40	A Review on Optimum Substrate Surface Roughness to Create Better Wetting	Dr. Satyanarayana	MECH	Materials Open Research,	2024		https://doi.org/10.12688/materialsopenres.17683.1	View Document
41	The effect of interfacial morphology and weldability window on tin and aluminium plates welded plates using regulated water Shockwaves",	Dr. Satyanarayana	MECH	Welding in the World,	2024		https://doi.org/10.1007/s40194-024-01834-1	View Document
42	Revolutionising Agriculture with Remote-Controlled Automatic Sprayer Machines	Praveen K. C	MECH	Journal of Propulsion Technology	2024	ISSN: 1001-4055	https://propulsiontechjournal.com/index.php/journal/article/view/5359	View Document
43	Optimization of Rolling Process Parameters using ANOVA and FEM Simulation	Deepak Kothari	MECH	SSRG International Journal of Mechanical Engineering	45261	ISSN: 2348-8360	https://doi.org/10.14445/23488360/IJME-V10I12P103	View Document
44	Fabrication and Mechanical Testing of Glass Fiber Reinforced Epoxy Matrix Composites Modified with Powdered Metallic Fillers	Deepak Kothari	MECH	Journal of Mines, Metals & Fuels	45323		DOI: 10.18311/jmmf/2024/42139	View Document



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45	Investigation of Acoustic Material Properties of Neem Wood Powder and Glass Wool Materials	Dr.Gurushanth B. Vaggar	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6702/4381	View Document
46	Investigation of Acoustic Material Properties of Neem Wood Powder and Glass Wool Materials	Kiran C. H.	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6702/4381	View Document
47	Investigation of Acoustic Material Properties of Neem Wood Powder and Glass Wool Materials	Deepak Kothari	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6702/4381	View Document
48	Influence of Evaporator Length and Inclination on the Performance of Acetone-Filled Heat Pipe	Dr.Gurushanth B. Vaggar	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/7005	View Document
49	Influence of Evaporator Length and Inclination on the Performance of Acetone-Filled Heat Pipe	Deepak Kothari	MECH	Tuijin Jishu/Journ al of Propulsion Technology	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/7005	View Document



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50	Influence of Evaporator Length and Inclination on the Performance of Acetone-Filled Heat Pipe	Srinivasa C S	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/7005	View Document
51	RSM Based Prediction of Engine Performance and Exhaust Temperature Fuelled with Preheated Cotton Seed Methyl Ester	Dr.Gurushanth B. Vaggar	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6865	View Document
52	RSM Based Prediction of Engine Performance and Exhaust Temperature Fuelled with Preheated Cotton Seed Methyl Ester	Deepak Kothari	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6865	View Document
53	RSM Based Prediction of Engine Performance and Exhaust Temperature Fuelled with Preheated Cotton Seed Methyl Ester	Praveen K C	MECH	Tuijin Jishu/Jo urnal of Propulsio n Technolo gy	45444	ISSN: 1001-4055	https://www.propulsionejournal.com/index.php/journal/article/view/6865	View Document
54	An inquisition on alkaline treated Banana/Sisal/Pineapple fiber epoxy composites for light to moderate load applications	Dr. Pramod V Badyankal	MECH	Engineeri ng Research Express	45344		10.1088/2631-8695/ad299d	View Document



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55	An inquisition on alkaline treated Banana/Sisal/Pineapple fiber epoxy composites for light to moderate load applications	C S Srinivasa	MECH	Engineering Research Express	45344		10.1088/2631-8695/ad299d	View Document
56	Realization of mechanical and tribological properties of hybrid banana, sisal, and pineapple fiber epoxy composites using naturally available fillers	Dr. Pramod V Badyankal	MECH	Engineering Research Express	45005		10.1088/2631-8695/acc311	View Document
57	Plain-Woven Areca Sheath Fiber-Reinforced Epoxy Composites: The Influence of the Fiber Fraction on Physical and Mechanical Features and Responses of the Tribo System and Machine Learning Modeling	Suresh P S	MECH	ACS OMEGA	2024		https://doi.org/10.1021/acsomega.3c08164	View Document
58	Mediating Role of Factors Influencing the Adaptability of Electrical Vehicles Towards Economic and Environmental Sustainability	Dr.Gurushanth B. Vaggar	MECH	Tuijin Jishu/Journal of Propulsion Technology	45444	ISSN: 1001-4055	https://www.propulsiontechjournal.com/index.php/journal/article/view/7007	View Document
59	Mediating Role of Factors Influencing the Adaptability of Electrical Vehicles Towards Economic and Environmental	Deepak Kothari	MECH	Tuijin Jishu/Journal of Propulsion Technology	45444	ISSN: 1001-4055	https://www.propulsiontechjournal.com/index.php/journal/article/view/7007	View Document



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	Sustainability			gy				
60	Mediating role of factors influencing the adaptability of electrical vehicles towards economic and environmental sustainability	Dr. Guruprasad Pai B	MBA	Journal of Propulsion Technology	2024	1001-4055	https://propulsiontechjournal.com/index.php/journal/article/view/7007	View Document
61	Mediating role of factors influencing the adaptability of electrical vehicles towards economic and environmental sustainability	Mrs. Priya Sequiera	MBA	Journal of Propulsion Technology	2024	1001-4055	https://propulsiontechjournal.com/index.php/journal/article/view/7008	View Document
62	Problems and prospects of E-Banking services: A study with reference to selected private sector banks in Mangalore City	Dr. Catherine Nirmala	MBA	Sirjana Journal	2023	2455-1058	https://sirjana.in/volume-54-issue-3/	View Document
63	A systematic study on Job Embeddedness and retention of faculty members in Business schools	Mrs. Harshitha V Shetty	MBA	Educational Administration: Theory and Practice	2023	2148-2403	https://kuey.net/index.php/kuey/article/view/7573	View Document
64	A systematic study on Job Embeddedness and retention of faculty members in Business schools	Mrs. Maithri	MBA	Educational Administration: Theory and Practice	2023	2148-2403	https://kuey.net/index.php/kuey/article/view/7573	View Document



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65	The functional moieties impact on optical, thermal, and nonlinear properties of chalcone derivatives. A comprehensive study on FT2MP	Dr. Shashi Kumar Kumara Swamy	Physics	Optical Materials	2024	1873-1252	https://www.sciencedirect.com/science/article/abs/pii/S0925346724012667	View Document
66	The functional moieties impact on optical, thermal, and nonlinear properties of chalcone derivatives. A comprehensive study on FT2MP	Dr. Jayarama A	Physics	Optical Materials	2024	1873-1252	https://www.sciencedirect.com/science/article/abs/pii/S0925346724012667	View Document
67	Challenges in photocatalytic hydrogen evolution: Importance of photocatalysts and photocatalytic reactors	Dr. Jayarama A	Physics	International Journal of Hydrogen Energy	2024	1879-3487	https://www.sciencedirect.com/science/article/abs/pii/S0360319924029367	View Document
68	Role of metal-organic framework in hydrogen gas storage: A critical review	Dr. Jayarama A	Physics	International Journal of Hydrogen Energy	2024	1879-3487	https://www.sciencedirect.com/science/article/abs/pii/S0360319924004713	View Document
69	Enhancing nonlinear optical responses via Methoxy Positional Isomerism in Chalcone-Based Materials	Dr. Jayarama A	Physics	Materials Chemistry and Physics	2024	1879-3312	https://www.sciencedirect.com/science/article/abs/pii/S0254058423013706	View Document
70	Study of rectifying properties and true Ohmic contact on Sn doped V2O5 thin films deposited by spray	Dr. Jayarama A	Physics	Results in Chemistry	2024	2211-7156	https://www.sciencedirect.com/science/article/pii/S2211715624002297	View Document



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	pyrolysis method							
71	Degradation mechanisms in PEM fuel cells: A brief review	Dr. Jayarama A	Physics	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S221478532301670X	View Document
72	Etching of micro-channels in fused quartz for novel device applications	Dr. Jayarama A	Physics	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323041238	View Document
73	Polyaniline grafted pullulan: Optical, thermal, structural, and electrical characterization studies in combination with density functional theory calculations	Dr. Ramaprasad A T	Physics	Journal of Applied Polymer Science	2023	1097-4628	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.54407	View Document
74	Polyaniline grafted pullulan: Optical, thermal, structural, and electrical characterization studies in combination with density functional theory calculations	Dr. Shashi Kumar Kumara Swamy	Physics	Journal of Applied Polymer Science	2023	1097-4628	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.54407	View Document
75	Clitoria Ternatea Flower Extract: Biopolymer Composite-Based Triboelectric Nanogenerator as a Self-Powered Smart Counter	Dr. Shashi Kumar Kumara Swamy	Physics	Journal of Applied Polymer Science	2023	2468-0230	https://www.sciencedirect.com/science/article/abs/pii/S2468023023007393	View Document



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76	Formulation and characterization of starch-based novel biodegradable edible films for food packaging.	Dr. Prakasha Shetty	Chemistry	Journal of Food Science and Technology, 60, 2856-2867.	2023	0975-8402	https://doi.org/10.1007/s13197-023-05803-2	View Document
77	Influence of microstructure and thermoelectric properties on the power density of multi-walled carbon nanotube/metal oxide hybrid flexible thermoelectric generators	Dr. Prakasha Shetty	Chemistry	Ceramics International, 49, 39307-39328	2023	0272-8842	https://doi.org/10.1016/j.ceramint.2023.09.275	
78	Inhibitive action of 2-aminobenzothiazole on the deterioration of AA6061-Sic composite in a 0.5M HCl medium: Experimental and theoretical analysis	Dr. Prakasha Shetty	Chemistry	Journal of Applied Research and Technology, 21, 581-597	2023	2448-6736	https://jart.icat.unam.mx/index.php/jart/article/view/1953	
79	Formulation and optimization of copper selenide/PANI hybrid screen printing ink for enhancing the power factor of flexible thermoelectric generator: A synergetic approach	Dr. Prakasha Shetty	Chemistry	Ceramics International, 49, 39307-39328	2024	0272-8842	https://doi.org/10.1016/j.ceramint.2024.04.315	
80	Crystal Structure, Spectroscopic Analysis, and Non-linear Optical	Dr. S. Samshuddin	Chemistry	Chemistry select, 9, e	2024	2365-6549	https://doi.org/10.1002/slct.202404015	



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QUALITY INDICATOR FRAMEWORK (QIF)

	Properties of Terphenyl-Based compound for Optoelectronic Applications			202404015				
81	Pyrimidine derivatives as efficient anticorrosive agents for acid corrosion of mild steel: Electrochemical and computational validation	Dr. S. Samshuddin	Chemistry	Arabian Jpurnal of Chemistr y,17,105752	2024	1878-5352	https://www.scopus.com/sourceid/19400158709	
82	Applicability of some new pyrimidine derivatives for the corrosion inhibition of mild steel in the acidic environment	Dr. S. Samshuddin	Chemistry	South African Journal of Chemical Engineeri ng,48,80-94	2024	1026-9185	https://www.scopus.com/sourceid/21100810716	
83	Experimental and Approach for the Corrosion Deceleration of Mild Steel in HCl medium by two Sulfonamide Derivatives	Dr. Damodara Naral	Chemistry	Chemistr ySelect, 9, e202304886	2024	2365-6549	https://doi.org/10.1002/slct.202304886	