

B V Raju College – Research Publications and Citations for NIRF-2025

Scopus/WoS journals for year 2024 (1st Jan 2024 to 31st Dec 2024).

Scopus : 11, Web of Sciences :1 Total = 12

Citations : 7

Sl No	Title of paper	Name of the author/s	Name of the journal	Journal Link	Year of publication	ISSN Number	Link for Paper	Citation Count
Scopus								
1	Excess Thermodynamic Parameters of Binary Liquid Mixtures of Dimethyl Malonte with Isomeric Xylenes at Different Temperatures	K Pavan Krishna, R L Satyanarayana	Asian Journal of Chemistry	https://asianpubs.org/index.php/ajchem	Mar-24	0970-7077	https://drive.google.com/file/d/1ZL62Vo2pcdWugDIDWKXxeuUpc-XGUK3x/view?usp=sharing	2
2	Toxicity Associated with Gold Nano Particles	KKJ Chakravarthi	Trends in Biomaterials and Artificial Organs	www.biomaterials.org.in/tibao	Jun-24	0971-1198	https://www.biomaterials.org.in/tibao/index.php/tibao/article/view/58	1
3	Synthesis, Characterization and evolution of antioxidant, antimicrobial and drug likeness properties of indole containing 1,3,4-oxadiazoles	B Kirran	Results in Chemistry (ELSEVIER)	www.sciencedirect.com/journal/results-in-chemistry	Jul-24	2211-7156	https://drive.google.com/file/d/1K8y3TpM9mOnUVopglq-KVc7cLinC1_XV/view?usp=sharing	1

4	Disease Detection In Dental Patients Using Machine Learning Algorithms Through Image Analysis	Khadar Alisha Sheik	Algorithms in Advanced Artificial Intelligence(ICA AAI-2023)	https://www.taylorfrancis.com	Jul-24	9781 032867984	https://drive.google.com/file/d/1xF8_wQi_8uNaEAuKJ_LLZTNzI3L3e9u/view?usp=sharing	1
5	A Study on "Machine Learning Regression"	K Narayana Raju, K Pavan Kumar, Ch S V Sartyanarayana, D Pujotha	Journal of Computational Analysis and Applications (JoCAAA)	https://www.eudoxuspress.com/index.php/pub	Aug-24	1572-9206	https://drive.google.com/file/d/1PE7Kywr-iCm2ahBKau4oQJWQXzPcTRy_/view?usp=sharing	
6	A study on "Point-Free Foundation of Geometry"	DS Priyadarsini, E Ashok Lakshmana Rao, P Madhura Subhashini, Ch Sartyanarayana	Journal of Computational Analysis and Applications(	https://eudoxuspress.com/index.php/pub	Spe-24	1521-1398	https://drive.google.com/file/d/12uCBZY3-8Rc1FGbw2z9t02FqKctES4Z1/view?usp=sharing	1
7	Pros and Cons of Working Capital	B.V.SatayPrakash, Y.Raveendra Siva Kumar, N.D.Someswara Rao	Nano Technology Perceptions	https://link.springer.com/chapter/10.1007/978-3-031-51338-1_56	Dec-24	1660-6795	https://nano-ntp.com/index.php/nano/article/view/5019	
8	Industry 5.0 on Global Competitiveness - Strategies for MSMEs to Remain Competitive	Dr. V. Bhaskara Murthy	International Conference conducted by School of Commerce & MSME Technology Development Center	.....	Sep-24	ISBN: 978-93-341-2064-6	https://drive.google.com/file/d/1ONTGIAM15-Dp18OPMW1yQ7AbIJ3k0Hce/view?usp=sharing	1
9	An Intelligent Robot for Environment Monitoring based on IoT	B S Sheshagiri Rao	IEEE (ICECA-2024) 8th International Conference on Electronics, Communication	.....	Nov-24		https://ieeexplore.ieee.org/abstract/document/10801162	

			and Aerospace Technology					
10	Advanced Air Quality Index (AQI) Forecasting: Traditional, Data-Driven and Hybrid Techniques	Ch Nagamani	4th International Conference on Mobile Network and Wireless Communications (ICMNWC-2024)	.....	Dec-24			
11	Agri Vpice :Your Farming Assistant	Dr. V. Bhaskara Murthy	3rd International Conference on Automation, Computing and Renewable Systems (ICACRS-2024)	.....	Dec-24	ISBN:979-8-3315-3242-0	https://drive.google.com/file/d/1BTjB4mHzbyDIPBoq6IVH7GspncjOQWLX/view?usp=sharing	
10	Agri Vpice :Your Farming Assistant	Dr. V. Bhaskara Murthy	3rd International Conference on Automation, Computing and Renewable Systems (ICACRS-2024)	.....	Dec-24	ISBN:979-8-3315-3242-0	https://drive.google.com/file/d/1BTjB4mHzbyDIPBoq6IVH7GspncjOQWLX/view?usp=sharing	

Web of Sciences

1	Molecular Iodine Catalysed Synthesis of Tetrahydroazepines Frameworks via Silyl Azapins Cyclization	N Prudhvi Raju, R L Satyanarayana, D Ravi kumar, K Pavan Krishna	Heterocyclic Letters	http://heteroletters.org	Apr-24	2231-3087 2230-9632	https://drive.google.com/file/d/100C91JOVXzOeBUwhVbCX_ZiEZWdDKI2L/view?usp=sharing	1
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Scopus/WoS journals for year 2023 (1st Jan 2023 to 31st Dec 2023).

Scopus : 5 Citations : 8

SI No	Title of paper	Name of the author/s	Name of the journal	Journal Link	Year of publication	ISSN Number	Link for Paper	Citation Count
Scopus								
1	The Impact of Mixed Solvents on Protonation Equilibria of Mercapto succinic acid in Ethylene Glycol-Water Media	Dr N Prudhvi Raju	Chemical Review and Letters	www.chemrevlett.com	Aug-23	2645-4947	https://drive.google.com/file/d/1x5e8SIHZluNXjvbePJirLku1oRzs0Kcx/view?usp=sharing	3
2	Analysis of Acoustic Channel Characteristics in Shallow Water Based on Multi path Model	K Eswara Prasad	Springer Nature	https://doi.org/10.1007/978-3-031-48891-7_25	Sep-23	2071-1050	https://drive.google.com/file/d/1jGE9DpCuvw-alr0CM-bdPytRJko2KNCl/view?usp=sharing	
3	Advanced Forest Fire Alert System with Real-Time GPS Location Tracking	K Satyanaryana Raju	IEEE (ICACRS-2023) 2nd International Conference on Automation, Computing and Renewable Systems	.....	Dec-23	979-8-3503-4023-5	https://drive.google.com/file/d/1YFyqyLM3Qdsa2GNd79YRWJXVZTPIEpb1/view?usp=sharing	.....

4	Optimizing Indoor Air Quality: A Fuzzy Logic-Based Control System	B S Sheshagiri Rao	IEEE (ICACRS-2023) 2nd International Conference on Automation, Computing and Renewable Systems	.....	Dec-23	979-8-3503-4023-5	https://drive.google.com/file/d/1hD_SF1GzRLRuVg0nU0YJKhI40e2hv2Bu/view?usp=sharing	5
5	Nano wire and Smart-Bio-nano Sensors - A Simulation Study	K.K.J.Chakravarthi	Conference on Frontiers of Innovative Research in Smart Materials for Technological Applications - 2023 (Sasi Engineering College)	.....	Mar-23	-----	https://drive.google.com/file/d/1JHMvAwKbMdbdSKg0mh6O6id_9mqY-nUB/view?usp=drive_link	.....

Scopus/WoS journals for year 2022 (1st Jan 2022 to 31st Dec 2022).

Scopus : 3 Total = 3

Sl No	Title of paper	Name of the author/s	Name of the journal	Jounral Link	Year of publication	ISSN Number	Link for Paper	Citation Count
Scopus								
1	Toxicity Associated with Gold Nano Particlals: A Review	Kkj Chakravarthy	Trends in Biomaterials and Artificial Organs	https://www.biomaterials.org.in/tibao/index.php/tibao	Sep-22	2582-2209	https://drive.google.com/file/d/17bCYO4QSylrxmuKdfu0UN1UbyGxa-C7/view?usp=sharing	
2	Investigation of Sensing Ability of Double-Slot Hybrid Plasmonic waveguide for Liquid Analyte	K Eswara Prasad	Springer Nature	https://doi.org/10.1007/978-3-031-48891-7_25	2022	1876-1119(print) 1876-1100(online)	https://drive.google.com/file/d/1NYiTyINtldXoOPxSoSbG2YN08SDCqrKr/view?usp=sharing	
3	Simulations of silicon nanowire sensor and an integrated smart bio-nano sensor	Kkj Chakravarthy	International Journal of Dental Mterials	https://ijdm.co.in/index.php/dental-materials	2022	2582-2209	https://drive.google.com/file/d/15BK61-vBIGSgJPATYOWjHMOOnZnAlr7S3/view?usp=sharing	