Name of Journal NAAS Score	NAAS Score
NRM	
Basavalingaiah, K.; Paramesh, V.; Parajuli, R.; Girisha, H.C.; Shivaprasad, M.; Vidyashree, G. V; Thoma, G.; Hanumanthappa, M.; Yogesh, G.S.; Misra, S.D. Energy flow and life cycle impact assessment of coffee-pepper production systems: An evaluation of conventional, integrated and organic farms in India. Environ. Impact Assess. Rev. 2022, 92, 106687.	**10.55**
Basavalingaiah, K.; Ramesha, Y.M.; Paramesh, V.; Rajanna, G.A.; Jat, S.L.; Dhar Misra, S.; Kumar Gaddi, A.; Girisha, H.C.; Yogesh, G.S.; Raveesha, S.; et al. Energy Budgeting, Data Envelopment Analysis and Greenhouse Gas Emission from Rice Production System: A Case Study from Puddled Transplanted Rice and Direct-Seeded Rice System of Karnataka, India. Sustainability 2020, 12, 6439.	**9.25**
Das, B.; Nair, B.; Arunachalam, V.; Reddy, K.V.; Venkatesh, P.; Chakraborty, D.; Desai, S. Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. Int. J. Biometeorol. 2020, 64, 1111–1123.	**9.79**
Das, B.; Nair, B.; Reddy, V.K.; Venkatesh, P. Evaluation of multiple linear, neural network and penalised regression models for prediction of rice yield based on weather parameters for west coast of India. Int. J. Biometeorol. 2018, 62, 1809–1822.	**9.79**
Hashim, M.; Dhar, S.; Vyas, A.K.; Paramesh, V.; Kumar, B. Integrated nutrient management in maize (Zea mays)-wheat (Triticum aestivum) cropping system. Indian J. Agron. 2015, 60, 352–359.	**5.55**
Jinger, D.; Dhar, S.; Dass, A.; Sharma, V.K.; Paramesh, V.; Parihar, M.; Joshi, E.; Singhal, V.; Gupta, G.; Prasad, D.; et al. Co-fertilization of Silicon and Phosphorus Influences the Dry Matter Accumulation, Grain Yield, Nutrient Uptake, and Nutrient-Use Efficiencies of Aerobic Rice. Silicon 2021.	**8.67**
Krishna, V.R.; Paramesh, V.; Arunachalam, V.; Das, B.; Elansary, H.O.; Parab, A.; Reddy, D.D.; Shashidhar, K.S.; El-Ansary, D.O.; Mahmoud, E.A. Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators. Sustainability 2020, 12, 8716.	**9.25**
Kumar, B.; Dhar, S.; Paul, S.; Paramesh, V.; Dass, A.; Upadhyay, P.K.; Kumar, A.; Abdelmohsen, S.A.M.; Alkallas, F.H.; El-Abedin, T.K.Z. Microbial Biomass Carbon, Activity of Soil Enzymes, Nutrient Availability, Root Growth, and Total Biomass Production in Wheat Cultivars under Variable Irrigation and Nutrient Management. Agronomy 2021, 11, 669.	**9.42**
Kumar, R.M.; Paramesh, V.; Yamanura, Y.; Rajanna, G.A. Weeds of vineyard ecosystem and their management with selected broad spectrum herbicides. Indian J. Agric. Sci. 2021, 91.	**6.37**
Madar, R.; Singh, Y.V.; Meena, M.C.; Das, T.K.; Paramesh, V.; Al-Mana, F.A.; A Mattar, M.; O Elansary, H. Residue and potassium management strategies to improve crop productivity, potassium mobilization, and assimilation under zero-till maize–wheat cropping system. Agriculture 2020, 10, 401.	
Mahajan, G.R.; Manjunath, B.L.; Morajkar, S.; Desai, A.; Das, B.; Paramesh, V. Long-Term Effect of Various Organic and Inorganic Nutrient Sources on Rice Yield and Soil Quality in West Coast India Using Suitable Indexing Techniques. Commun. Soil Sci. Plant Anal. 2021, 1–15.	**7.33**
Manjunath, B.L.; Paramesh, V.; MAHAJAN, G.R.; DAS, B.; REDDY, K.V.; CHAKURKAR, E.B.; SINGH, N.P. Sustainability through resource recycling, soil fertility and carbon sequestration from integrated farming systems in West Coast India. The Biosacan 2018, 13, 27–32.	**#**
Manjunath, B.L.; Paramesh, V.; Mahajan, G.R.; Reddy, K. V; Das, B.; Singh, N.P. A five years study on the selection of rice based cropping systems in Goa, for west coast region of India. J. Environ. Biol. 2018, 39, 393–399.	**5.57**
Paramesh, V.; Arunachalam, V.; Nikkhah, A.; Das, B.; Ghnimi, S. Optimization of energy consumption and environmental impacts of arecanut production through coupled data envelopment analysis and life cycle assessment. J. Clean. Prod. 2018, 203.	**15.30**
Paramesh, V.; Arunachalam, V.; Nath, A.J. Enhancing ecosystem services and energy use efficiency under organic and conventional nutrient management system to a sustainable arecanut based cropping system. Energy 2019, 187, 115902.	**13.15**
Paramesh, V.; Chakurkar, E.B.; Bhagat, T.; Sreekanth, G.B.; Kumar, H.B.C.; Rajkumar, S.; Gokuldas, P.P.; Mahajan, G.R.; Manohara, K.K.; Ravisankar., N. Impact of integrated farming system on residue recycling, nutrient budgeting and soil health. Indian J. Agric. Sci. 2020, 91, 44–48.	**6.37**
Paramesh, V.; Parajuli, R.; Chakurkar, E.B.; Sreekanth, G.B.; Kumar, H.B.C.; Gokuldas, P.P.; Mahajan, G.R.; Manohara, K.K.; Viswanatha, R.K.; Ravisankar, N. Sustainability, energy budgeting, and life cycle assessment of crop-dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of	**13.15**

India. Energy 2019, 188, 116101.	
Paramesh, V.; Singh, S.K.; Mohekar, D.S.; Arunachalam, V.; Misra, S.D.; Jat, S.L.; Kumar, P.; Nath, A.J.; Kumar, N.; Mahajan, G.R.; et al. Impact of sustainable land- use management practices on soil carbon storage and soil quality in Goa State, India. L. Degrad. Dev. 2021.	**10.98**
Paramesh, V.; Sreekanth, G.B.; Chakurkar, E.B.; Chethan Kumar, H.B.; Gokuldas, P.; Manohara, K.K.; Ramdas Mahajan, G.; Rajkumar, R.S.; Ravisankar, N.; Panwar, A.S. Ecosystem Network Analysis in a Smallholder Integrated Crop–Livestock System for Coastal Lowland Situation in Tropical Humid Conditions of India. Sustainability 2020, 12, 5017.	**9.25**
Rajkumar, S.; Nayar, R.; Rajagopal, K.; Chakurkar, E.B.; Venkatesh, V.S.; Nambiar, P.; Paramesh, V. Socio-demographic influences on various consumer food safety indices: an empirical study of ethnic Goan pork sausage consumers. Br. Food J. 2021.	**8.52**
Sridhara, S.; Ramesh, N.; Gopakkali, P.; Paramesh, V.; Tamam, N.; Abdelbacki, A.M.M.; Elansary, H.O.; El-Sabrout, A.M.; Abdelmohsen, S.A.M. Application of homobrassinolide enhances growth, yield and quality of tomato. Saudi J. Biol. Sci. 2021.	**10.22**
Paramesh, V.; Dhar, S.; Dass, A.; Kumar, B.; Kumar, A.; ElAnsary, D.O.; Elansary, H.O. Role of Integrated Nutrient Management and Agronomic Fortification of Zinc on Yield, Nutrient Uptake and Quality of Wheat. Sustainability 2020, 12, 12.	**9.25**
Singh, Charan, A.Raizadaand N.M.Alam (2020) Rehabilitation of old river bed lands by an intensively managed silvi-pastoral system in the north-west Himalayas. Ind. J. Soil Cons. 48(1): 70-79.	**5.28**
Faleiro JR, Hamadttu Abdel Farag El-Shafie, Allan Cameron Oehlschlager, Salah Mohammed Ahmed Aleid, and Mahajan GR (2022) Field evaluation of repellents against red palm weevil Rhynchophorus ferrugineus (Olivier) (Coleoptera: Curculionidae) through trap shutdown studies. Journal of Plant Diseases and Protection. Accepted for publication.	**7.93**
Mahajan GR, Desai S, Manivannan S, Manjunath BL, Verma RR, Das B, Murgaokar D, Desai A, Morajkar S, Kulkarni RM (2021) Soil and Water Conservation Measures Improve Soil Microbial Activity and Carbon Sequestration: A Study on High Density Cashew in West Coast Region of India. Journal of the Indian Society of Soil Science, Vol. 69, No. 4, pp 378-388. DOI: 10.5958/0974-0228.2021.00059.1	**5.31**
Kumar P, Desai AR, Arunachalam V, Gupta MJ, Paramesha V, Rajkumar SR, Maneesha SR, Sreekanth GB, Mahajan GR, Desai S, Shishira D, Janjal AV (2021) A conceptual framework for agro-ecotourism development for livelihood security. Indian Journal of Agronomy 66 (5th IAC Special issue): S184-S190.	**9.42**
Paramesha V, Singh SK, Mohekar DS, Arunachalama V, Misra SD, Jat SL, Kumar P, Nath AJ, Kumar N, Mahajan GR, Bhagat T (2021) Impact of sustainable land-use management practices on soil carbon storage and soil quality in the Goa state of India. Land Degradation and Development, doi: 10.1002/ldr.4124.	**10.98**
Mahajan GR, Das B, Morajkar S, Desai A, Murgaokar D, Patel K, Kulkarni R M (2021). Comparison of soil quality indexing methods for salt-affected soils of Indian coastal region. Environmental Earth Sciences (Accepted for publication).	**8.78**
Mahajan GR, Manjunath BL, Morajkar S, Desai A, Das B, Paramesh V (2021). Long-term effect of various organic and inorganic nutrient sources on rice yield and soil quality in west coast India using suitable indexing techniques. Communications in Soil Science and Plant Analysis, DOI: 10.1080/00103624.2021.1900221	**7.33**
Paramesh V, Chakurkar EB, Bhagat T, Sreekanth GB, Chetan Kumar HB, Rajkumar S, Gokuldas PP, Mahajan GR, Manohara KK, Ravishankar N (2021) Impact of integrated farming system on residue recycling, nutrient budgeting and soil health. Indian Journal of Agricultural Sciences 91 (1): 44–8.	**6.37**
Mahajan GR, Das, B, Murgaokar D, Herrmann I, Berger K, Sahoo RN, Patel KP, Desai A, Morajkar S, Kulkarni RM (2021) Monitoring the foliar nutrients status of mango using spectroscopy-based novel spectral indices and PLSR-combined machine learning models. Remote Sensing Remote Sens. 2021, 13(4), 641; https://doi.org/10.3390/rs13040641.	
Mahajan GR, Das B, Gaikwad B, Murgaonkar D, Morajkar S, Desai A, Patel KP, Kulkarni RM (2020) Monitoring properties of the salt-affected soils by multivariate analysis of the visible and near-infrared hyperspectral data. Catena, 198: 105041. DOI: 10.1016/j.catena.2020.105041.	**11.20**
Mahajan GR, Das B, Manivannan S, Manjunath BL, Verma RR, Desai S, Kulkarni RM, Latare AM, Sale R, Murgaonkar D, Patel KP, Morajkar S, Desai A, Barnes N (2020) Soil and water conservation measures improve soil carbon sequestration and soil quality under cashews. International Journal of Sediment Research. 36(2): 190-206. DOI: 10.1016/j.ijsrc.2020.07.009.	**8.90**
Mahajan G R, Das B, Morajkar S, Desai A, Murgaokar D, Kulkarni R M, Sale R, Patel K (2020). Soil quality assessment of coastal salt-affected acid soils of India. Environmental Science and Pollution Research. Accepted for publication. DOI: 10.1007/s11356-020-09010-w.	**10.22**
Paramesh V, Sreekanth GB, Chakurkar EB, Chetan Kumar HB, Gokuldas PP, Manohara KK, Mahajan GR, Rajkumar RS, Ravisankar N, Panwar AS (2020) Trophic network and ecosystem network analysis in a smallholder integrated crop-fish-livestock system for coastal lowland situation in tropical humid conditions of	**9.25**

India. Sustainability (Accepted for publication).	
Mahajan GR, Pandey RN, Datta SC, Kumar D, Sahoo RN. (2019) Monitoring Wheat (Triticum aestivum L.) Leaf Nitrogen using Diagnostic Tools for Fertilizer Nitrogen Management. Journal of the Indian Society of Soil Science. 67(3):329-40.	**5.31**
Das B, Manohara KK, Mahajan GR, Sahoo RN (2020) Spectroscopy based novel spectral indices, PCA-and PLSR-coupled machine learning models for salinity stress phenotyping of rice. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy. 229:117983. doi: 10.1016/j.saa.2019.117983.	**10.10**
Paramesha V, Ranjan Parajuli, E.B. Chakurkar, G.B. Sreekanth, H.B. Chetan Kumar, P.P. Gokuldas, Mahajan GR, K.K. Manohara, Reddy K. Viswanatha, N. Ravisankar (2019) Sustainability, energy budgeting and life cycle assessment of crop- dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of India. Energy. 188: 116101. DOI: https://doi.org/10.1016/j.energy.2019.116101.	**13.15**
Mahajan GR, Pandey RN, Datta SC, Sahoo RN, Dinesh Kumar, Murgaonkar D, Patel K (2019). Predicting post-harvest soil test values in hybrid rice (Oryza sativa L.) – wheat (Triticum aesitvum L.) cropping sequence using a multivariate analysis technique. Communications in Soil Science and Plant Analysis. Accepted for publication. 50:13, 1624-1639, DOI: 10.1080/00103624.2019.1631328.	**7.33**
Thombare Nandkishore, Mishra Sumit, Siddiqui MZ,Jha Usha, Singh Deodhari, Mahajan, GR (2018) Design and development of guar gum based novel, superabsorbent and moisture retaining hydrogels for agricultural applications. Carbohydrate Polymers 185: 169-178. DOI - https://doi.org/10.1016/j.carbpol.2018.01.018	**15.38**
Manjunath B, Paramesh V, Mahajan GR, Reddy KV, Das B, Singh NP (2018). A five years study on the selection of rice based cropping systems in Goa for west coast region of India. Journal of Environmental Biology, 39: 393-399.	**5.57**
Rajarajan, K., Uthappa, A.R., Handa, A.K. et al. Genetic diversity and population structure of Leucaena leucocephala (Lam.) de Wit genotypes using molecular and morphological attributes. Genet Resour Crop Evol (2021). https://doi.org/10.1007/s10722-021-01203-7	**7.52**
Badre Alam, Rashmi Singh, Uthappa, A.R., Mayank Chaturvedi, Anil Kumar Singh, Ram Newaj, A.K. Handa, O.P. Chaturvedi.2018. Different genotypes of Dalbergia sissoo trees modified microclimate dynamics differently on understory crop cowpea (Vigna unguiculata) as assessed through ecophysiological and spectral traits in agroforestry system. Agricultural and Forest Meteorology, 249: 138-148.	**11.73**
Veeresh kumar, S. K. Kaushik, K. Rajarajan, K. M. Kumaranag, Uthappa, A.R., K. B. Sridhar, Badre Alam and A. K. Handa. 2020. Pollination biology of Pongamia pinnata (L.) Pierre: a potential biodiesel plant. Genet Resour Crop Evol (2020). https://doi.org/10.1007/s10722-020-01010-6	**7.52**
Veeresh kumar, Kumaranag, K.M., Uthappa, A.R. et al. Wild bee pollination in Grewia flavescens Juss.. Int J Trop Insect Sci (2020). https://doi.org/10.1007/s42690-020-00294-6	**6.77**
Ansari, M.A., Saha, S., Das, A., Lal, R., Das, Bappa, Choudhury, B.U., Roy, S.S., Sharma, S.K., Singh, I.M., Meitei, C.B., Changloi, K.L., Singh, L.S., Singh, N.A., Saraswat, P.K., Ramakrishna, Y., Singh, D., Hazarika, S., Punitha, P., Sandhu, S.K., Prakash, N., 2021. Energy and carbon budgeting of traditional land use change with groundnut based cropping system for environmental quality, resilient soil health and farmers income in eastern Indian Himalayas. Journal of Environmental Management 293, 112892. https://doi.org/10.1016/j.jenvman.2021.112892	**12.79**
Banerjee, K., Krishnan, P., Das, Bappa, 2020. Thermal imaging and multivariate techniques for characterizing and screening wheat genotypes under water stress condition. Ecological Indicators 119, 106829. https://doi.org/10.1016/j.ecolind.2020.106829	**10.96**
Das, Bappa, Manohara, K.K., Mahajan, G.R., Sahoo, R.N., 2020. Spectroscopy based novel spectral indices, PCA- and PLSR-coupled machine learning models for salinity stress phenotyping of rice. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 229, 117983. https://doi.org/10.1016/j.saa.2019.117983	**10.10**
Das, Bappa, Nair, B., Arunachalam, V., Reddy, K.V., Venkatesh, P., Chakraborty, D., Desai, S., 2020. Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. International Journal of Biometeorology 64, 1111–1123. https://doi.org/10.1007/s00484-020-01884-2	**9.79**
Das, Bappa, Sahoo, R.N., Pargal, S., Krishna, G., Verma, R., Viswanathan, C., Sehgal, V.K., Gupta, V.K., 2021. Evaluation of different water absorption bands, indices and multivariate models for water-deficit stress monitoring in rice using visible-near infrared spectroscopy. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 247, 119104. https://doi.org/10.1016/j.saa.2020.119104	**10.10**
Krishna, V.R., Paramesh, V., Arunachalam, V., Das, Bappa, Elansary, H.O., Parab, A., Reddy, D.D., Shashidhar, K.S., El-Ansary, D.O., Mahmoud, E.A., El-Sheikh, M.A., 2020. Assessment of sustainability and priorities for development of Indian west coast region: an application of sustainable livelihood security indicators. Sustainability 12, 8716. https://doi.org/10.3390/su12208716	**9.25**
Kumari, S., Krishnan, N., Dubey, V., Das, Bappa, Pandey, K.K., Singh, J., 2021. Investigations on annual spreading of viruses infecting cucurbit crops in Uttar Pradesh State, India. Scientific Reports 11, 17883.	**10.38**

https://doi.org/10.1038/s41598-021-97232-4	
Mahajan, G., Das, Bappa, Morajkar, S., Desai, A., Murgaokar, D., Kulkarni, R., Sale, R., Patel, K., 2020. Soil quality assessment of coastal salt-affected acid soils of India. Environmental Science and Pollution Research 27, 26221–26238. https://doi.org/10.1007/s11356-020-09010-w	**10.22**
Mahajan, G.R., Das, Bappa, Gaikwad, B., Murgaonkar, D., Desai, A., Morajkar, S., Patel, K.P., Kulkarni, R.M., 2020. Monitoring properties of the salt-affected soils by multivariate analysis of the visible and near-infrared hyperspectral data. Catena 105041. https://doi.org/10.1016/j.catena.2020.105041	**11.20**
Mahajan, G.R., Das, Bappa, Manivannan, S., Manjunath, B.L., Verma, R.R., Desai, S., Kulkarni, R.M., Latare, A.M., Sale, R., Murgaonkar, D., Patel, K.P., Morajkar, S., Desai, A., Barnes, N., Mulla, H., 2021. Soil and water conservation measures improve soil carbon sequestration and soil quality under cashews. International Journal of Sediment Research 36, 190–206. https://doi.org/10.1016/j.ijsrc.2020.07.009	**8.90**
Mahajan, G.R., Das, Bappa, Morajkar, S., Desai, A., Murgaokar, D., Patel, K.P., Kulkarni, R.M., 2021. Comparison of soil quality indexing methods for salt-affected soils of Indian coastal region. Environmental Earth Sciences 80, 725. https://doi.org/10.1007/s12665-021-09922-x	**8.78**
Mahajan, G.R., Das, Bappa, Murgaokar, D., Herrmann, I., Berger, K., Sahoo, R.N., Patel, K., Desai, A., Morajkar, S., Kulkarni, R.M., 2021. Monitoring the Foliar Nutrients Status of Mango Using Spectroscopy-Based Spectral Indices and PLSR-Combined Machine Learning Models. Remote Sensing 13, 641. https://doi.org/10.3390/rs13040641	**10.85**
Mondal, B.P., Sahoo, R.N., Ahmed, N., Singh, R.K., Das, Bappa, Mridha, N., Gakhar, S., 2021. Rapid prediction of soil available sulphur using visible near-infrared reflectance spectroscopy. Indian Journal of Agricultural Sciences 91, 1328–1332.	**6.37**
Mondal, B.P., Sekhon, B.S., Sudhukhan, R., Singh, R.K., Hasanain, M., Mridha, N., Das, Bappa, Chattopadhyay, A., Banerjee, K., 2020. Spatial variability assessment of soil available phosphorus using geostatistical approach. Indian Journal of Agricultural Sciences 90, 1170–1175. https://doi.org/10.1007/978-3-642-23722-5_3	**6.37**
Prasad, P., Loveson, V.J., Das, Bappa, Kotha, M., 2021. Novel ensemble machine learning models in flood susceptibility mapping. Geocarto International 1–23. https://doi.org/10.1080/10106049.2021.1892209	**10.89**
Ramasamy, M., Das, Bappa, Ramesh, R., 2021. Predicting climate change impacts on potential worldwide distribution of fall armyworm based on CMIP6 projections. Journal of Pest Science https://doi.org/10.1007/s10340-021-01411-1	**11.92**
Sah, S., Singh, R., Chaturvedi, G., Das, Bappa, 2021. Trends, variability, and teleconnections of long-term rainfall in the Terai region of India. Theoretical and Applied Climatology 143, 291–307. https://doi.org/10.1007/s00704-020-03421-y	**9.18**
Singh, R., Sah, S., Das, Bappa, Chaturvedi, G., Kumar, M., Rane, J., Pathak, H., 2021. Long-term spatiotemporal trends of temperature associated with sugarcane in west India. Arabian Journal of Geosciences 14, 1955. https://doi.org/10.1007/s12517-021-08315-5	**7.83**
Singh, R., Sah, S., Das, Bappa, Potekar, S., Chaudhary, A., Pathak, H., 2021. Innovative trend analysis of spatio-temporal variations of rainfall in India during 1901–2019. Theoretical and Applied Climatology 145, 821–838. https://doi.org/10.1007/s00704-021-03657-2	**9.18**
Singh, R., Sah, S., Das, Bappa, Vishnoi, L., Pathak, H., 2021. Spatio-temporal trends and variability of rainfall in Maharashtra, India: Analysis of 118 years. Theoretical and Applied Climatology 143, 883–900. https://doi.org/10.1007/s00704-020-03452-5	**9.18**
Singh, R.N., Sah, S., Chaturvedi, G., Das, Bappa, Pathak, H., 2021. Innovative trend analysis of rainfall in relation to soybean productivity over western Maharashtra. Journal of Agrometeorology 23, 228–235.	**6.55**
Sridhara, S., Ramesh, N., Gopakkali, P., Das, Bappa, Venkatappa, S.D., Sanjivaiah, S.H., Singh, K.K., Singh, P., Al- Ansary, D.O., Mahmoud, E.A., Elansary, H.O., 2020. Weather- based neural network, stepwise linear and sparse regression approach for rabi sorghum yield forecasting of Karnataka, India. Agronomy 10. https://doi.org/10.3390/agronomy10111645	**9.42**
Pradeep, H. K., Balasangameshwara, J., Sheshshayee, M. S., Desai, S., & Archana, B. K. 2021. Cognitive Computing Models for Estimation of Reference Evapotranspiration: A Review. Cognitive Systems Research. 70, 109-116.	
Desai, S., Singh, D. K., Islam, A. and Sarangi, A. 2020. Impact of climate change on the hydrology of a semi-arid river basin of India under hypothetical and projected climate change scenarios. Journal of Water and Climate Change. https://doi.org/10.2166/wcc.2020.287.	**7.90**
Desai, S., Singh, D. K., Islam, A. and Sarangi, A. 2020. Multi-site calibration of hydrological model and assessment of water balance in a semi-arid river basin of India. Quaternary International. https://doi.org/10.1016/j.quaint.2020.11.032.	**8.13**
Mahajan, G.R., Das, B., Manivannan, S., Manjunath, B.L., Verma, R.R., Desai, S., Kulkarni, R.M., Latare, A.M., Sale, R., Murgaonkar, D. and Patel, K.P. 2020. Soil and water conservation measures improve soil carbon	**8.90**

sequestration and soil quality under cashews. International Journal of Sediment Research. https://doi.org/10.1016/j.ijsrc.2020.07.009	
Bappa Das, Bhakti Nair, Vadivel Arunachalam, Vishwanath Reddy, Paramesh V, Debashis Chakraborty and Sujeet Desai. 2020. Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. International Journal of Biometeorology. https://doi.org/10.1007/s00484-020-01884-2.	**9.79**
Sujeet Desai, D. K. Singh, Adlul Islam, A. Sarangi and Khanna, M. 2019. Trend analysis of climatic variables in Betwa river basin. Indian Journal of Agricultural Sciences, 89 (6), 1033-38.	**6.37**
CROP SCIENCE	
Ramesh, R., D'Souza, M., Asolkar, T., Achari, G. and Gupta, M.J. 2022. Rootstocks for the management of bacterial wilt in eggplant (*Solanum melongena* L.) and tomato (*Solanum lycopersicum* L.) in the coastal regions of India. Advances in Agriculture, vol. 2022, Article ID 8594080 10 pages. doi.org/10.1155/2022/8594080	
Maruthadurai, R., **Ramesh, R.** and Veershetty, C. 2022. Prevalence and predation potential of rove beetle *Paederus fuscipes* Curtis (Coleoptera: Staphylinidae) on invasive fall armyworm *Spodoptera frugiperda* in fodder maize. National Academy Science Letters. https://doi.org/10.1007/s40009-021-01096-1	**6.79**
Maruthadurai, R. and **Ramesh, R.** 2021. Fall army worm *Spodoptera frugiperda* strains in Goa and its incidence on fodder maize. Indian Journal of Entomology. Doi No.: 10.5958/IJE.2021.12.	**5.08**
Pothiraj, G., Hussain, Z., Singh, A.K., Solanke, A.U., Aggarwal, R., **Ramesh, R.** and Shanmugam, V. 2021. Characterization of *Fusarium* spp. inciting vascular wilt of tomato and its management by a *Chaetomium*-based biocontrol consortium. Frontiers in Plant Science. 12: 748013. doi: 10.3389/fpls.2021.748013	**11.75**
Ramesh, R., D'Souza, M., Asolkar, T., Achari, G. Gaitonde, S. and Thangam, M. 2021. Field evaluation of bacterial wilt resistant lines and identification of promising bacterial wilt resistant varieties for Coastal region. Indian Phytopathology. https://doi.org/10.1007/s42360-021-00371-x	**5.95**
Ramasamy, M. Das, B. and Ramesh, R. 2021. Predicting climate change impacts on potential worldwide distribution of fall armyworm based on CMIP6 projections. Journal of Pest Science https://doi.org/10.1007/s10340-021-01411-1	**11.92**
Loganathan, M., Thangavelu, R., Pushpakanth, P., Muthubharathi, K., Ramesh R., Selvarajan, R and Uma, S. 2021. First report of rhizome rot of banana caused by Klebsiella variicola in India. Plant Disease https://doi.org/10.1094/PDIS-10-20-2316-PDN	**3.61**
Maruthadurai, R. and Ramesh, R. 2020. Mass trapping of red palm weevil and rhinoceros beetle in coconut with aggregation pheromone. Indian Journal of Entomology 82(3): 439-441. Doi No.: 10.5958/0974-8172.2020.00114.5	**5.08**
Asolkar, T. and **Ramesh, R.** 2020. The involvement of the Type Six Secretion System (T6SS) in the virulence of *Ralstonia solanacearum* on brinjal. *3 Biotech* **10,** 324 (2020). https://doi.org/10.1007/s13205-020-02311-4	**8.41**
Maruthadurai, R. and **Ramesh, R.** 2020. Occurrence, damage pattern and biology of fall armyworm, *Spodoptera frugiperda* (J.E. smith) (Lepidoptera: Noctuidae) on fodder crops and green amaranth in Goa, India. Phytoparasitica. **48**: 15-23. doi.org/10.1007/s12600-019-00771-w	**7.44**
Aslokar, T. and Ramesh, R. 2018. Development of T3SS mutants (hrpB- and hrcV-) of Ralstonia solanacearum, evaluation of virulence attenuation in brinjal and tomato- A pre-requisite to validate T3Es of R. solanacearum. Indian Journal of Microbiology. 58: 372-380. doi.org/10.1007/s12088-018-0736-y.	**8.46**
Achari, G.A. and Ramesh, R. 2018. Colonization of eggplant by endophytic bacteria antagonistic to Ralstonia solanacearum, the bacterial wilt pathogen. Proceedings of National Academy of Sciences, India Section B: Biological Sciences. doi.org/10.1007/s40011-018-0972-2.	
Aslokar, T. and Ramesh, R. 2018. Identification of virulence factors and type III effectors of Phylotype I, Indian Ralstonia solanacearum strains Rs-09-161 and Rs-10-244. Journal of Genetics. doi.org/10.1007/s12041-018-0894-z	**7.17**
Achari, G.A. and Ramesh, R. 2018. Characterization of quorum quenching enzymes from endophytic rhizosphere colonizing bacteria. Biocatalysis and Agricultural Biotechnology, 13: 20-24. doi.org/10.1016/j.bcab.2017.11.004	
Manohara, K. K., Morajkar, S., Shanbagh, Y. and Patil, K. 2020. Response of cowpea [Vigna unguiculata (L.) Walp] genotypes under residual moisture condition in rice-fallow area of Goa state, India. Legume Research. (published online).	**6.59**
Das, B., Manohara, K. K., Mahajan, G. R., & Sahoo, R. N. 2020. Spectroscopy based novel spectral indices, PCA- and PLSR-coupled machine learning models for salinity stress phenotyping of rice. Spectrochimica Acta -	**10.10**

Part A: Molecular and Biomolecular Spectroscopy, 229. https://doi.org/10.1016/j.saa.2019.117983.	
Manohara, K. K., Morajkar, S., Shanbagh, Y., Phadte, P. and Patil, K. 2019. Hybridity assessment in experimental F1s of rice (Oryza sativa L.) using microsatellite markers. Natl. Acad. Sci. Lett. https://doi.org/10.1007/s40009-019-00832-y.	**6.79**
Paramesh, V., Parajuli, R., Chakurkar, E. B., Sreekanth, G. B., Kumar, H. C., Gokuldas, P .P., Mahajan, G. R., Manohara, K. K., Viswanatha, R. K. and Ravisankar, N. 2019. Sustainability, energy budgeting, and life cycle assessment of crop-dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of India. Energy, 188, p.116101.	**13.15**
Manohara, K. K., Bhosle, S. P. and Singh, N. P. 2019. Phenotypic diversity of rice landraces collected from Goa state for salinity and agro-morphological traits. Agric Res. 8(1):1-8. https://doi.org/10.1007/s40003-018-0354-2.	**5.44**
Manohara, K. K. and Shashidhar, H. E. 2018. Selection efficiency for grain yield and its attributing traits in early segregating generations of rice (Oryza sativa L.) under aerobic condition. Int. J. Pure App. Biosci. 6(6): 393-397. doi: http://dx.doi.org/10.18782/2320-7051.7159.	**14.59**
Maruthadurai. R, Ramesh R and Veershetty, C. (2022) Prevalence and Predation Potential of Rove Beetle Paederus fuscipes Curtis (Coleoptera: Staphylinidae) on Invasive Fall Armyworm Spodoptera frugiperda in Fodder Maize. Natl. Acad. Sci. Lett. (2022). https://doi.org/10.1007/s40009-021-01096-1	**6.79**
Maruthadurai. R and Ramesh R (2022) Fall armyworm Spodoptera frugiperda strains in Goa and its incidence on fodder maize. Indian Journal of Entomology. DoI.: 10.5958/IJE.2021.12.	**5.08**
Ramasamy, M., Das, B. & Ramesh, R. (2021) Predicting climate change impacts on potential worldwide distribution of fall armyworm based on CMIP6 projections. J Pest Sci https://doi.org/10.1007/s10340-021-01411-1.	**11.92**
Gupta, MJ, Maruthadurai, R, Vanjari, SS, Pandurang, SC and Pitre, AM. 2021.Post-harvest management of Cowpea: A potential Cash Crop for the Western Coastal Ecosystem of Goa. Journal of AgriSearch 8(2):129-13	**4.71**
Maruthadurai .R (2020) Field evaluation of roosting plants with food bait spray in managing melon fly, Zeugodacus cucurbitae in cucumber, Cucumis sativus. International Journal of Pest Management.https://doi.org/10.1080/09670874.2020.1791370	**7.91**
Maruthadurai. R and Ramesh R (2020) Mass trapping of red palm weevil and rhinoceros beetle in coconut with aggregation pheromone. Indian Journal of Entomology, 82 (3): 439-441.	**5.08**
Gupta, M.J., Maruthadurai, R., Vanjari, S.S., Pandurang, S.C., and Pitre, A.M. (2020) A systematic assessment of paddy losses at various stages from harvest to storage in the state of Goa. Journal of Agricultural Engineering. 57(2): 138-150.	**4.79**
Maruthadurai. R and Ramesh R (2020). Occurrence, damage pattern and biology of fall armyworm, Spodoptera frugiperda (JE smith) (Lepidoptera: Noctuidae) on fodder crops and green amaranth in Goa, India. Phytoparasitica 48:15–23. doi.org/10.1007/s12600-019-00771-w	**7.44**
Maruthadurai, R. (2019). Diversity of predators and management of Aphis odinae (van der Goot) in cashew. Indian Journal of Entomology, 81 (4): 909-912.	**5.08**
Maruthadurai, R. (2019). A scientific note on occurrence and infestation of Jewel beetle Belionota prasina (Coleoptera: Buprestidae) on Cashew (Anacardium occidentale). Nat. Acad. Sci. Lett. 42(2):91-94.	**6.79**
Vaingankar, JD, Maruthadurai R, Sellaperumal, C, Dhargalkar, SD, Harihar, S, and Arunachalam, V. (2018). Tapping the potential of vegetable amaranth genotype to trap the root knot nematode pest. Scientia Horticulturae. (Elsevier): 230:18-24. doi.org/10.1016/j.scienta.2017.10.037	**9.46**
Maruthadurai, R. (2018). Effect of weather parameters on population dynamics of aphid, Aphis odinae (van der Goot) (Hemiptera: Aphididae) on cashew in Goa. Journal of Agrometeorology 20 (1) : 84-86	**6.55**
HORTICULTURE	
Gupta, M. J., Paramesha, V., Thangam, M., & Arunachalam, V. (2021). Energy analysis of different cucumber varieties in protected cultivation under humid tropic condition of West Coast, India. Progressive Horticulture, 53(1), 90-94. http://dx.doi.org/10.5958/2249-5258.2021.00016.6	**4.49**
Arunachalam, V. (2021) Quick identification of banana varieties by minimal qualitative descriptor traits. Natl. Acad. Sci. Lett. on line published 15.10.2021 https://doi.org/10.1007/s40009-021-01085-4	**6.79**
Paramesh, V., Singh, S. K., Mohekar, D. S., Arunachalam, V., Misra, S. D., Jat, S. L., Kumar, P., Nath, A.J., Kumar, N., Mahajan, G.R. and Bhagat, T. Impact of sustainable land- use management practices on soil carbon storage and soil quality in the Goa state of India. Land Degradation & Development. on line published 15.10.2021 https://doi.org/10.1002/ldr.4124	
Kumar, P., Desai, A.R., Arunachalam, V., Gupta, M.J., Paramesha, V., Rajkumar, R.S., Maneesha, S.R.,Srikanth, G.B., Mahajan, G.R., Desai, S., Shishira, D., Janjal, A.V. (2021) A conceptual framework for agro–ecotourism development for livelihood security. Indian Journal of Agronomy. 66 (5th IAC Special issue):	**5.55**

S184-S190.	
Arunachalam, V., Vaingankar, J. D., & Kevat, N. (2021). Foliar traits in papaya plants intercropped in coconut. National Academy Science Letters, 44(3):267-270. https://link.springer.com/article/10.1007/s40009-020-00981-5	**6.79**
Krishna, V.R.; Paramesh, V.; Arunachalam, V.; Das, B.; Elansary, H.O.; Parab, A.; Reddy, D.D.; Shashidhar, K.S.; El-Ansary, D.O.; Mahmoud, E.A.; El-Sheikh, M.A. Assessment of sustainability and priorities for development of Indian west coast region: An application of sustainable livelihood security indicators. Sustainability 2020, 12, 8716. https://www.mdpi.com/2071-1050/12/20/8716	**9.25**
Arunachalam, V., Fernandes, C.M., and Salgaonkar, D. C. (2020). Quick method to quantify the potassium and sodium content variation in leaves of banana varieties. Analytical Sciences. 36(10): 255-1260. https://doi.org/10.2116/analsci.20P096 online published 29 May 2020 https://www.jstage.jst.go.jp/article/analsci/36/10/36_20P096/_article/-char/en	
Das, B., Nair, B., Arunachalam, V., Reddy, K. V., Venkatesh, P., Chakraborty, D., & Desai, S. (2020). Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. International Journal of Biometeorology, 1-13. https://doi.org/10.1007/s00484-020-01884-2	**9.79**
Paramesh, V., Arunachalam, V., & Nath, A. J. (2019). Enhancing ecosystem services and energy use efficiency under organic and conventional nutrient management system to a sustainable arecanut based cropping system. Energy, 187, 115902. https://doi.org/10.1016/j.energy.2019.115902	**13.15**
Arunachalam, V., Prabhu D.C. (2019) Occurrence of leaf tip mutation in black pepper (Piper nigrum L.). Current Science. 116: 1466-1467. https://www.currentscience.ac.in/Volumes/116/09/1466.pdf	
Paramesh, V., Arunachalam, V., Nikkhah, A., Das, B., Ghnimi, S. 2018. Optimization of energy consumption and environmental impacts of arecanut production through coupled data envelopment analysis and life cycle assessment. Journal of Cleaner Production. 203, 674-684.	**15.30**
John, K. J., Nair, R. A., Suma, A., Unnikrishnan, M., & Arunachalam, V. (2018) Agro-biodiversity and ethnobotany of Lakshadweep Islands of India. Genetic Resources and Crop Evolution. 65: 2083-2094. DOI 10.1007/s10722-018-0676-8https://link.springer.com/article/10.1007%2Fs10722-018-0676-8	**7.52**
Arunachalam, V. (2018). Morinda citrifolia L.(Rubiaceae): a multi-purpose tree for coastal ecosystems and its variability in Konkan region of India. Genetic Resources and Crop Evolution, 65(6), 1751-1765. https://link.springer.com/article/10.1007/s10722-018-0642-5	
Vaingankar, JD, Maruthadurai R, Sellaperumal, C, Dhargalkar, SD, Harihar, S, and Arunachalam, V. (2018) Tapping the potential of vegetable amaranth genotype to trap the root knot nematode pest. Scientia Horticulturae. (Elsevier): 230:18-24. doi.org/10.1016/j.scienta.2017.10.037	**9.46**
Mathala J. Gupta; Paramesha V., Arunachalam V., Thangam M. 2021. Energy analysis of different cucumber varieties in protected cultivation under humid tropic condition of West Coast, India. Progressive Horticulture, 53(1):90-94.	**4.49**
Mathala J. Gupta; Maruthadurai R., Vanjari SS, Pandurang, SC., Pitre AM. 2021. Post-harvest Management of Cowpea: A potential Cash Crop for the Western Coastal Ecosystem of Goa. Journal of AgriSearch, 8:129-134.	**4.71**
Kumar P, Desai AR, Arunachalam V, Gupta MJ, Paramesha V, Rajkumar SR, Maneesha SR, Sreekanth GB, Mahajan GR, Desai S, Shishira D, Janjal AV (2021) A conceptual framework for agro-ecotourism development for livelihood security. Indian Journal of Agronomy 66 (5th IAC Special issue): S184-S190.	**5.55**
Gupta MJ; Thangam M; Arunachalam V. 2020. Microclimatic Studies in a Double-span Greenhouse under Wind Driven and Fan Ventilated Conditions in West Coast of India, Acta Horticulturae, 227-234.	
Gupta MJ; Marutha Durai R; Vanjari SS; Pandurang SC; Pitre AM. 2020, A systematic assessment of paddy losses at various stages from harvest to storage for two cropping years in the state of Goa. Journal of Agricultural Engineering, 57(2):138-150.	**4.79**
Gupta, MJ et al. 2019. Impact analysis of Mechanization program for tribal paddy farmers of Goa. Journal of AgriSearch, [S.l.], 6(1): 55-59. ISSN 2348-8867.	**4.71**
Chetan Hiremath and Gupta, M.J. 2011. Customer Preference for Bakery Products in South Goa. Presidency Journal of Management Thought & Research, 1(1):48-53.	
Shripad Bhat, Hemant Kumar, Devraj and Rajesh Kumar, (2020), Analysis of growth, instability and time series decomposition of price indices of pulses in India, Journal of Food Legumes (accepted)	**4.82**
Shripad Bhat, Hemant Kumar, Rajesh Kumar, N P Singh (2019), Application of machine learning technique in time series analysis of prices of pulses, Journal of Food Legumes, 32(2):109-112	**4.82**
Rajesh Kumar, Shripad Bhat, Chandra Mani Tripathi, Pradeep Kumar, Ramsaran , Devraj and Hemant Kumar (2019) Enhancing Income of Farmers Through Summer Mungbean, Urdbean, Maize, Okra Interventions Implemented Under Farmer FIRST Project in Fatehpur District Uttar Pradesh - An Impact analysis. Published in Indian journals of extension Education Vol. 55, No.4, 2019 (179-183)	**5.95**
Sujayanand G.K., Mohammad Akram, Nigam Ashish, Konda Aravind, Bhat Shripad, Sachan Deepak Kumar,	**6.41**

Husain Raja and Pandey Sonika (2019), Virulence, cross infectivity and molecular characterization of Spilosoma obliqua MNPV from north India for Bihar hairy caterpillar management, Research Journal of Biotechnology, Vol. 14 (12)	
G.K. Sujayanand, Anup Chandra, Sonika Pandey, Shripad Bhat, Seasonal Abundance of Spotted Pod Borer, Maruca vitrata Fabricius in Early Pigeonpea [Cajanus cajan (L.) Millsp.] and its Management through Farmscaping in Uttar Pradesh, Legume Research	
Hemant Kumar, Shripad Bhat, Devraj and Rajesh Kumar (2019), Growth and decomposition analysis of chickpea production in India, Journal of Food Legumes, 32(3):186-188	**4.82**
PR Saabale, Manju Nath L, Shripad Bhat, Revanappa S Biradar, RK Mishra, Naimuddin, Ram G Chaudhary, AK Srivastava, SK Chaturvedi and NP Singh (2019), Elucidation of host resistance for chickpea wilt (Fusarium oxysporum f. sp. ciceris), Journal of Food Legumes, 32(3):174-177	**4.82**
D.C. Joshi, Ganesh V. Chaudhari, Salej Sood, Lakshmi Kant, A. Pattanayak, Kaixuan Zhang, Yu Fan, Dagmar Janovská, Vladimir Meglič, Meiliang Zhou. 2019. Planta. 250: 783–801. DOI: 10.1007/s00425-018-03080-4	**10.12**
N.K. Hedau, R.S. Pal, Salej Sood, Chaudhari G.V., L. Kant and A. Pattanayak. 2018. Indian Journal of Agricultural Sciences. 88(9):1442-1428.	**6.37**
Maneesha S.R. and S. Priya Devi. 2019. Effect of Calcium Nitrate and Potassium Nitrate priming on seed germination and seedling vigour of papaya (Carica papaya L.). Journal of Horticulture Sciences. 14(2): 149-154.	**5.08**
Maneesha. S.R., S. Priya Devi and N.P. Singh. 2019. 'Kulagar'- A potential system to conserve crop diversity. Indian Journal of Plant Genetic Resources. 32(2): 135-140.	**5.54**
Maneesha. S.R., S. Priya Devi, R.M. Vijayakumar and K. Soorianathasundaram. 2019. Cost Benefit Analysis of Drip Fertigation and Flower Induction in Pineapple (Ananascomosus (L.) Merr.) variety 'Giant Kew' in Goa, India. International Journal of Current Microbiology and Applied Sciences. 8(4): 2010-2019.	**
Maneesha. S. R., S. Priya Devi, R.M. Vijayakumar and K. Soorianathasundaram. 2019. Effect of fertigation on vegetative growth of pineapple (Ananascomosus (L.) Merr.) variety 'Giant Kew'. International Journal of Chemical Studies. 7(3): 28-32.	**
Maneesha. S. R., S. Deepika and L. Preethy. 2019. Preparation and properties of herbal extract blended pineapple Ready To Serve. Journal of Agrisearch. 6(1): 34-37.	**4.71**
Maneesha S.R. and S. Priya Devi. 2018. Effect of calcium nitrate treatments on seed germination and seedling vigour of papaya (Carica papaya L.). Agric INTERNATAIONAL. 5(1): 1-4	#
Maneesha S. R, S. Priya Devi, R. M. Vijayakumar , K. Soorianathasundaram, D. Selvi and P. Jeyakumar.2022. Response of pineapple to fertigation and flower induction in red laterite soil. Indian J. Hort. 79(1), March 2022: 62-68	**6.16**
Parveen Kumar, A.R. DesaI, V. Arunachalam , M.J. Gupta, V. Paramesha, R. Solomon Rajkumar, **S.R. Maneesha,** G.B. Sreekanth, G.R. Mahajan, Sujeet Desai, D. Shishira and Aviprit Vijay Janjal.2021. A conceptual framework for agro–ecotourism development for livelihood security. Indian Journal of Agronomy 66 (5th IAC Special issue). 184-190.	**5.55**
Maneesha S.R., P.Vidula, V.A. Ubarhande and E.B. Chakurkar. 2021. Astrologically Designed Medicinal Gardens of India. International Journal of bioresources and stress management. **12(2):** 108-120.	**5.11**
Animal Science and Fisheries Sciences	
Solomon Rajkumar, Renuka Nayar, Kavitha Rajagopal, Eaknath B Chakurkar, Vismitha Shree Venkatesh, Prejit Nambiar, Venkatesh Paramesh. 2021. Socio-demographic influences on various consumer food safety indices: an empirical study of ethnic Goan pork sausage consumers. British Food Journal. Vol. ahead-of-print No. ahead-of-print. https://doi.org/10.1108/BFJ-10-2020-0986 .	**8.52**
Venkatesh Paramesh, Giri Bhavan Sreekanth, Eaknath Chakurkar, HB Chethan Kumar, Parappurath Gokuldas, Kallakeri Kannappa Manohara, Gopal Ramdas Mahajan, Racharla Solomon Rajkumar, Natesan Ravisankar, Azad Singh Panwar. 2020. Ecosystem Network Analysis in a Smallholder Integrated Crop–Livestock System for Coastal Lowland Situation in Tropical Humid Conditions of India. Sustainability. 12 (12), 5017; doi:10.3390/su12125017.	**9.25**
Shivasharanappa Nayakvadi, Charlotte Alison Alemao, HB Chethan Kumar, RS Rajkumar, Susitha Rajkumar, Eaknath B Chakurkar, Shivaramu Keelara. 2018. Detection and molecular characterization of sorbitol fermenting non-O157 Escherichia coli from goats. Small Ruminant Research. 161. 7-12.	**7.61**
Venkatesh Paramesh, EB Chakurkar, Tejasvi Bhagat, GB Sreekanth, HB Kumar, Solomon Rajkumar, PP Gokuldas, Gopal R Mahajan, KK Manohara, N Ravisankar. 2021. Impact of integrated farming system on residue recycling, nutrient budgeting and soil health. Indian Journal of Agricultural Sciences. 91 (1), 44-48	**6.37**

Nayar Renuka, Rajagopal Kavitha, Rajkumar Solomon, Thomas Magna. 2021. Documentation and Evaluation of Traditional Meat Products of North Malabar. International Journal of Current Microbiology and Applied Sciences. 10 (1), 1184-1194.	**
Solomon Rajkumar, Renuka Nayar, Susitha Rajkumar, Dhananjay Desai, Kavitha Rajagopal, Eaknath B. Chakurkar, Magna Thomas and Muhasin Asaf. 2020. Diversity Analysis of Lactobacilli in Naturally Fermented Ethnic Goan Pork Sausages as Determined by PCR Amplification of 16-23S rRNA Intergenic Spacer Region. International Journal of Current Microbiology and Applied Sciences. 9(12):2789-2797. doi: https://doi.org/10.20546/ijcmas.2020.912.333	**
Gokuldas PP, Singh SK, Tamuli MK, Naskar S, Vashi Y, Thomas R, Barman K, Pegu SR, Chethan SG, Agarwal SK. (2018). Dietary supplementation of n-3 polyunsaturated fatty acid alters endometrial expression of genes involved in prostaglandin biosynthetic pathway in breeding sows (Sus scrofa). Theriogenology; 110:201-208.	**8.74**
Paramesh, V., Parajuli, R., Chakurkar, E.B., Sreekanth, G.B., Kumar, H.C., Gokuldas, P.P., Mahajan, G.R., Manohara, K.K., Viswanatha, R.K. and Ravisankar, N. (2019). Sustainability, energy budgeting, and life cycle assessment of crop-dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of India. Energy, 188 (116101), pp: 1-13.	**13.15**
Paramesh, V.; Sreekanth, G.B.; Chakurkar, E.B.; Kumar, H.C.; Gokuldas, P.P.; Manohara, K.K.; Ramdas Mahajan, G.; Rajkumar, R.S.; Ravisankar, N.; Panwar, A.S. (2020). Ecosystem Network Analysis in a Smallholder Integrated Crop–Livestock System for Coastal Lowland Situation in Tropical Humid Conditions of India. Sustainability, 12, 5017, pp: 1-16.	**9.25**
Chakurkar, E. B., Sahu, A. R., Naik, S., Kumar, H.C and Gokuldas, P.P. (2021). Genetic evaluation of growth and reproductive performances of crossbred pigs reared under intensive system in tropical humid coastal climate. Tropical animal health and production, 53(2), 243, pp: 10	**7.56**
Paramesh V, Chakurkar EB, Bhagat T, Sreekanth GB, Chetan Kumar HB, Rajkumar S, Gokuldas PP, Mahajan GR, Manohara KK and Ravisankar N. (2021). Impact of integrated farming system on residue recycling, nutrient budgeting and soil health. Indian Journal of Agricultural Sciences, 91 (1): 44–8	**6.37**
K. Barman, S. Banik, R. Thomas, Gokuldas P.P., P. Kaushik, S. Kumar, B. C. Das, A. K. Das, D. Konwar and S. Rajkhowa (2020). Effects of replacing conventional diets with brewer's rice byproducts on performance of crossbred (Hampshire x Ghungroo) grower pigs Indian J. Anim. Hlth., 59(1), pp: 62-66.	**5.25**
NH Mohan, LK Nayak, PP Gokuldas, S Debnath, M Paul, L Ammayappan, VV Ramamurty and Sarma DK (2018). Relationship between morphology and tensile properties of pig hair fibre. Indian Journal of Fibre and Textile Research, 43: 126-131.	**6.66**
Barman K, Konwar D, Banik S, Girish Patil S, Gokuldas PP, Thomas R and Rajkhowa S. (2018). Effect of supplementation of Azolla (Azolla carolini) meal on performance of crossbred (Hampshire x Ghungroo) pigs, Indian Journal of Animal Nutrition, 35(4):469-472	**5.66**
Sreekanth GB, Jaiswar AK, Zacharia PU, Pazhayamadom DG and Chakraborty SK. 2019. Effect of environment on spatio-temporal structuring of fish assemblages in a monsoon influenced tropical estuary. Environmental Monitoring and Assessment (EMAS-S-18-03682, Accepted for publication)	**8.51**
Ratheesh Kumar R, Dinesh babu PP, Singh VV, Jaiswar AK, Latha Shenoy, Shukla SP, Manju Lekshmi N and Sreekanth GB. 2018. Temporal variations in catch composition of stationary bag nets along Maharashtra coast in relation to environmental factors. Journal of Experimental Zoology India, 22(1) (Accepted).	**5.25**
Sreekanth GB, Chakraborty SK, Jaiswar AK, Bappa Das and Chakurkar EB. 2018. Application of deterministic and stochastic geo-statistical tools for analysing spatial patterns of fish density in a tropical monsoonal estuary. Aquatic Ecology (DOI: 10.1007%2Fs10452-019-09672-w)	**7.64**
Sri Hari M, Jaiswar AK and Sreekanth GB. 2018. Length-weight relationship of seven finfish species from Mandovi-Zuari estuarine system, Goa, India. Journal of Applied Ichthyology, 2018: 1-3doi: 10.1111/jai.13816	**6.89**
Jaiswar AK, Sri Hari M and Sreekanth GB. 2018. Length-weight relationship of seven finfish species from Mandovi-Zuari estuarine system, Goa, India. Journal of Applied Ichthyology (JAI-2018-0548, accepted for publication)	**6.89**
Sandeep KP, Kumaraguru Vasangam KP, Kumararaja P, Syama Dayal J, Sreekanth GB, Ambasankar K and Vijayan KK. 2018. Microalgal diversity of a tropical estuary in south India with special reference to isolation of potential species for aquaculture. Journal of Coastal Conservation, (Accepted for publication, JCCO-D-18-00014_R1)	**7.84**
Ratheesh Kumar R, Dineshbabu AP, Jaiswar AK, Shukla SP, Manju Lekshmi N, Sreekanth GB, Nakhawa AD and Singh VV. 2018. Temporal variations in phytoplankton assemblages at Dolnet fishing grounds of major tidal creeks of Maharashtra, India. International Journal of Current Microbiology and Applied Sciences, 7(06) (https://doi.org/10.20546/ijcmas.2018.706.xx).	**
Vaisakh G, Chakraborty SK, Jahageerdar S, Jaiswar AK, Sreekanth GB, Renjith RK and Sibina Mol S. 2018. Stock structure analysis of Nemipterus bipunctatus (Valenciennes, 1830) along the Indian coast based on truss	**6.50**

network analysis of body and skull. Indian Journal of Geo-marine Sciences (accepted manuscript IJGMS/MS 3956).	
Renjith RK, Jaiswar AK, Chakraborty SK, Rajendran KV and Sreekanth GB. 2018. First Record of Anophthalmic Large Scaled Terapon, Terapon theraps Cuvier 1829 in Trawl Landings from Versova, Mumbai, Maharashtra. International Journal of Current Microbiology and Applied Sciences, 7(05):429-434.	**
Sreekanth GB, Manju Lekshmi N and Ajey Patil. 2018. Performance of a shipwreck as an artificial fish habitat along Goa, western coast of India. Journal of Environmental Biology (MRN-830, Accepted article, Vol. 40 (2019)).	**5.57**
Rejani Chandran, L.K. Tyagi, A.K. Jaiswar, Sudhir Raizada, Sangeeta Mandal, Trivesh S. Mayekar, Amit Singh Bisht and Sanjay Kumar Singh; 2018. Fisher's Outlook and Perception towards Fishery Resources of River Ib. Journal of Community Mobilization and Sustainable Development, 13(1): 79-83.	**5.67**
Rejani Chandran, L.K. Tyagi, A.K. Jaiswar, Sudhir Raizada, Sangeeta Mandal, Trivesh S. Mayekar, Amit Singh Bisht, Sanjay Kumar Singh and W. S. Lakra. Diversity and distribution of Fish Fauna in Ib River, a Tributary of Mahanadi. Indian Journal of Fisheries, 66(1): 92-98.	**6.50**
VindhyaMohindra,R.K.tripathi,,T.Dangi,R.K.Singh,R.chaudhary, Trivesh Mayekar, B.Kushwaha,R.Kumar, KuldeepK.Lal, J.K.Jena, T.Mohapatra, Draft genome of anadromous Indian shad, Tenualosa ilisha (Hamilton,1822).	
Amit Bisht, Sangeeta Mandal, Rejani Chandran, Trivesh Mayekar, Sanjay Singh, Lalit Tyagi, People's perception towards conservation of fish diversity in lower Mahanadi basin, XIV Agricultural science congress,20-23 february,2019.	
Trivesh S. Mayekar, Alisha Paul, Rajesh Kumar and Vindhya Mohindra, Identification of molecular factors associated with response to environmental conditions in Mahseer, Tor putitora, through outlier loci analysis, , XIV Agricultural Science Congress, February 20-23,2019.	
Chakurkar, E. B., Sahu, A. R., Naik, S., Chethan Kumar, H.B. and Gokuldas, P.P. 2021. Genetic evaluation of growth and reproductive performances of crossbred pigs reared under intensive system in tropical humid coastal climate. Tropical Animal Health and Production, 53: 243-452.	**7.56**
Sahu, A. R., Jeichitra, V., Rajendran, R. and Raja, A. 2020. Association analysis of novel SNPs in exon 10 of growth hormone receptor gene with growth traits in Indian sheep. Veterinarski Arhiv, 90 (6), 593-602.	**6.50**
Sahu, A. R., Kumar, S., Jain, S. K. and Chethan Raj R. 2019. Relative mRNA Expression of CRBP IV gene and its association with layer economic traits in Rhode Island Red chicken. Indian Journal of Animal Sciences, 89 (12): 1345-1348.	**6.32**
Sahu, A. R., Kumar, S., Jain, S. K. and Chethan Raj R. 2019. Fold changes in relative mRNA expression of Cellular Retinol-binding Protein IV gene in Rhode Island Red chicken. Indian Journal of Poultry Science, 54 (1): 1-4.	**5.85**
Sahu, A. R., Jeichitra, V., Rajendran, R., Raja, A. 2019. Novel report on mutation in exon 3 of myostatin (MSTN) gene in Nilagiri sheep: an endangered breed of South India. Tropical Animal Health and Production, 51: 1817-1822.	**7.56**
Das, S., Mohanty, G.P., Mishra, S.K., Sahoo, S.P., Dash, S.K., Sahu, A. R. and Pradhan, C.R. 2019. Comparative study on meat composition and fatty acid profile of Non-Descript and their crosses with Boer goats. Indian Journal of Small Ruminants (The), 25 (1): 85-88.	**5.95**
Nayak, N., Rajini, R. A., Kirubaharan, J. J., Ezhilvalavan, S. and Sahu, A. R. 2018. Effect of In Ovo Feeding of Tryptophan on Post-Hatch Production Performance and Immune Response in Commercial Broilers. Animal Nutrition and Feed Technology, 18: 355-366.	**6.23**