

# T S Amjath-Babu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,092  
citations

430442

18  
h-index

414034

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grain legume decline and potential recovery in European agriculture: a review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	2.2	146
2	Key indicators for monitoring food system disruptions caused by the COVID-19 pandemic: Insights from Bangladesh towards effective response. <i>Food Security</i> , 2020, 12, 761-768.	2.4	88
3	What drives the willingness to pay for crop insurance against extreme weather events (flood and) Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	78
4	Non-structural flood risk mitigation under developing country conditions: an analysis on the determinants of willingness to pay for flood insurance in rural Pakistan. <i>Natural Hazards</i> , 2015, 75, 2119-2135.	1.6	75
5	Integrated modelling of the impacts of hydropower projects on the water-food-energy nexus in a transboundary Himalayan river basin. <i>Applied Energy</i> , 2019, 239, 494-503.	5.1	66
6	Climate change and indicators of probable shifts in the consumption portfolios of dryland farmers in Sub-Saharan Africa: Implications for policy. <i>Ecological Indicators</i> , 2016, 67, 830-838.	2.6	61
7	Climate variability and yield risk in South Asia's rice-wheat systems: emerging evidence from Pakistan. <i>Paddy and Water Environment</i> , 2017, 15, 249-261.	1.0	61
8	Climate variability, farmland value, and farmers' perceptions of climate change: implications for adaptation in rural Pakistan. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 532-544.	3.2	54
9	An overview of flood mitigation strategy and research support in South Asia: implications for sustainable flood risk management. <i>International Journal of Sustainable Development and World Ecology</i> , 2016, 23, 98-111.	3.2	46
10	Influence of livelihood resources on adaptive strategies to enhance climatic resilience of farm households in Morogoro, Tanzania: an indicator-based analysis. <i>Regional Environmental Change</i> , 2015, 15, 1259-1268.	1.4	45
11	Climatic variability and thermal stress in Pakistan's rice and wheat systems: A stochastic frontier and quantile regression analysis of economic efficiency. <i>Ecological Indicators</i> , 2018, 89, 496-506.	2.6	44
12	Transitioning to groundwater irrigated intensified agriculture in Sub-Saharan Africa: An indicator based assessment. <i>Agricultural Water Management</i> , 2016, 168, 125-135.	2.4	33
13	Application of a bias-corrected meta-frontier approach and an endogenous switching regression to analyze the technical efficiency of conservation tillage for wheat in South Asia. <i>Journal of Productivity Analysis</i> , 2018, 49, 153-171.	0.8	29
14	Climate action for food security in South Asia? Analyzing the role of agriculture in nationally determined contributions to the Paris agreement. <i>Climate Policy</i> , 2019, 19, 283-298.	2.6	28
15	Agricultural system transitions in selected Indian states: What do the related indicators say about the underlying biodiversity changes and economic trade-offs?. <i>Ecological Indicators</i> , 2015, 57, 171-181.	2.6	26
16	Exploring Farmers' Perceptions of Agricultural Technologies: A Case Study from Tanzania. <i>Sustainability</i> , 2020, 12, 998.	1.6	24
17	Integrated assessment of sustainable agricultural practices to enhance climate resilience in Morogoro, Tanzania. <i>Regional Environmental Change</i> , 2015, 15, 1281-1292.	1.4	21
18	Role of capitals and capabilities in ensuring economic resilience of land conservation efforts: A case study of the grain for green project in China's Loess Hills. <i>Ecological Indicators</i> , 2016, 71, 636-644.	2.6	20

#	ARTICLE	IF	CITATIONS
19	Quantifying farmers' preferences for cropping systems intensification: A choice experiment approach applied in coastal Bangladesh's risk prone farming systems. <i>Agricultural Systems</i> , 2021, 189, 103069.	3.2	18
20	Assessing divergent consequences of payments for ecosystem services on rural livelihoods: A case-study in China's Loess Hills. <i>Land Degradation and Development</i> , 2018, 29, 3549-3570.	1.8	16
21	Sustainability impact assessment using integrated meta-modelling: Simulating the reduction of direct support under the EU common agricultural policy (CAP). <i>Land Use Policy</i> , 2013, 33, 235-245.	2.5	14
22	Sustainability impact assessment tools for land use policy advice: A comparative analysis of five research approaches. <i>Land Use Policy</i> , 2018, 71, 75-85.	2.5	13
23	Sustainability of Smallholder Agriculture in Semi-Arid Areas under Land Set-aside Programs: A Case Study from China's Loess Plateau. <i>Sustainability</i> , 2016, 8, 395.	1.6	11
24	Adoption of Farm Management Systems for Cross Compliance – An empirical case in Germany. <i>Journal of Environmental Management</i> , 2018, 220, 109-117.	3.8	11
25	Investigating external effects of shrimp farming on rice farming in southern Thailand: a technical efficiency approach. <i>Paddy and Water Environment</i> , 2008, 6, 319-326.	1.0	9
26	Paddy in saline water: Analysing variety-specific effects of saline water intrusion on the technical efficiency of rice production in Vietnam. <i>Outlook on Agriculture</i> , 2019, 48, 237-245.	1.8	9
27	Evaluating the characteristics of a non-standardised Model Requirements Analysis (MRA) for the development of policy impact assessment tools. <i>Environmental Modelling and Software</i> , 2013, 49, 53-63.	1.9	8
28	Dichotomy in carbon dioxide emissions – the case of India. <i>Climate and Development</i> , 2015, 7, 165-174.	2.2	6
29	Trans-SEC's food security research in Tanzania: from constraints to adoption for out- and upscaling of agricultural innovations. <i>Food Security</i> , 2018, 10, 775-783.	2.4	6
30	Are farmers willing to pay for participatory climate information services? Insights from a case study in peri-urban Khulna, Bangladesh. <i>Climate Services</i> , 2021, 23, 100241.	1.0	6
31	Can Enhancing Efficiency Promote the Economic Viability of Smallholder Farmers? A Case of Sierra Leone. <i>Sustainability</i> , 2021, 13, 4235.	1.6	5
32	Trans-SEC's food security research in Tanzania: principles, research models and assumptions. <i>Food Security</i> , 2017, 9, 1147-1155.	2.4	4
33	Analysing the challenges in implementing Vietnam's Nationally-Determined Contribution (NDC) in the agriculture sector under the current legal, regulatory and policy environment. <i>Cogent Environmental Science</i> , 2020, 6, .	1.6	4
34	Incremental and transformative adaptation preferences of rice farmers against increasing soil salinity - Evidence from choice experiments in north central Vietnam. <i>Agricultural Systems</i> , 2021, 190, 103090.	3.2	4
35	Confronting the climate change challenge: discussing the role of rural India under cumulative emission budget approach. <i>Environmental Science and Policy</i> , 2011, 14, 1103-1112.	2.4	3