

# Sucharita Gopal

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,450  
citations

567281

15  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy set theory and thematic maps: accuracy assessment and area estimation. International Journal of Geographical Information Science, 2000, 14, 153-172.	4.8	173
2	Fuzzy Neural Network Classification of Global Land Cover from a 1° AVHRR Data Set. Remote Sensing of Environment, 1999, 67, 230-243.	11.0	126
3	A Neural Network Method for Efficient Vegetation Mapping. Remote Sensing of Environment, 1999, 70, 326-338.	11.0	125
4	Mapping forest vegetation using Landsat TM imagery and a canopy reflectance model. Remote Sensing of Environment, 1994, 50, 240-254.	11.0	121
5	A Neural Network Method for Mixture Estimation for Vegetation Mapping. Remote Sensing of Environment, 1999, 70, 138-152.	11.0	113
6	ARTIFICIAL NEURAL NETWORKS: A NEW APPROACH TO MODELING INTERREGIONAL TELECOMMUNICATION FLOWS*. Journal of Regional Science, 1994, 34, 503-527.	3.3	112
7	Gaussian mixture discriminant analysis and sub-pixel land cover characterization in remote sensing. Remote Sensing of Environment, 2003, 84, 550-560.	11.0	112
8	Spatial Interpolation of Surface Air Temperatures Using Artificial Neural Networks: Evaluating Their Use for Downscaling GCMs. Journal of Climate, 2000, 13, 886-895.	3.2	94
9	On the choice of spatial and categorical scale in remote sensing land cover classification. Remote Sensing of Environment, 2005, 96, 62-77.	11.0	86
10	Navigator: A psychologically based model of environmental learning through navigation. Journal of Environmental Psychology, 1989, 9, 309-331.	5.1	84
11	Uncertainty and Confidence in Land Cover Classification Using a Hybrid Classifier Approach. Photogrammetric Engineering and Remote Sensing, 2004, 70, 963-971.	0.6	80
12	Classification of ASAS multiangle and multispectral measurements using artificial neural networks. Remote Sensing of Environment, 1996, 57, 79-87.	11.0	69
13	Artificial neural network response to mixed pixels in coarse-resolution satellite data. Remote Sensing of Environment, 1996, 58, 329-343.	11.0	65
14	Learning in Single Hidden- $\epsilon$ -Layer Feedforward Network Models: Backpropagation in a Spatial Interaction Modeling Context. Geographical Analysis, 1996, 28, 38-55.	3.5	41
15	Multiscale, Multigranular Statistical Image Segmentation. Journal of the American Statistical Association, 2005, 100, 1358-1369.	3.1	20
16	Ecosystem Service Value and Agricultural Conversion in the Amazon: Implications for Policy Intervention. Environmental and Resource Economics, 2012, 53, 279-295.	3.2	11
17	Analysis of Land Use and Land Cover Changes through the Lens of SDGs in Semarang, Indonesia. Sustainability, 2022, 14, 7592.	3.2	8
18	The significance of synoptic patterns identified by the Kirchhofer technique: A Monte Carlo approach. International Journal of Climatology, 1999, 19, 619-626.	3.5	5

#	ARTICLE	IF	CITATIONS
19	Context inclusive function evaluation: a case study with EM-based multi-scale multi-granular image classification. Knowledge and Information Systems, 2009, 21, 231-247.	3.2	4
20	ARTMAP Neural Network Multisensor Fusion Model for Multiscale Land Cover Characterization. , 2010, , 529-543.		1
21	Neural Network Models of Cognitive Maps. , 1996, , 69-85.		0