

Abdullaâ€™ -â€™ Al Kafy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6005810/publications.pdf>

Version: 2024-02-01

44
papers

1,108
citations

430874

18
h-index

434195

31
g-index

45
all docs

45
docs citations

45
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of seasonal urban thermal field variance index using machine learning algorithms in Cumilla, Bangladesh. <i>Sustainable Cities and Society</i> , 2021, 64, 102542.	10.4	99
2	Cellular Automata approach in dynamic modelling of land cover changes using RapidEye images in Dhaka, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100084.	4.2	71
3	Assessing the impacts of vegetation cover loss on surface temperature, urban heat island and carbon emission in Penang city, Malaysia. <i>Building and Environment</i> , 2022, 222, 109335.	6.9	68
4	Modelling future land use land cover changes and their impacts on land surface temperatures in Rajshahi, Bangladesh. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 18, 100314.	1.5	54
5	Impact of vegetation cover loss on surface temperature and carbon emission in a fastest-growing city, Cumilla, Bangladesh. <i>Building and Environment</i> , 2022, 208, 108573.	6.9	52
6	Classification of cities in Bangladesh based on remote sensing derived spatial characteristics. <i>Journal of Urban Management</i> , 2019, 8, 206-224.	4.5	49
7	Assessing and predicting land use/land cover, land surface temperature and urban thermal field variance index using Landsat imagery for Dhaka Metropolitan area. <i>Environmental Challenges</i> , 2021, 4, 100192.	4.2	49
8	Geospatial modelling of changes in land use/land cover dynamics using Multi-layer Perceptron Markov chain model in Rajshahi City, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100148.	4.2	48
9	Predicting the impacts of land use/land cover changes on seasonal urban thermal characteristics using machine learning algorithms. <i>Building and Environment</i> , 2022, 217, 109066.	6.9	47
10	Modeling the relationship between land use/land cover and land surface temperature in Dhaka, Bangladesh using CA-ANN algorithm. <i>Environmental Challenges</i> , 2021, 4, 100190.	4.2	44
11	Simulating the Relationship between Land Use/Cover Change and Urban Thermal Environment Using Machine Learning Algorithms in Wuhan City, China. <i>Land</i> , 2022, 11, 14.	2.9	44
12	Impact of LULC Changes on LST in Rajshahi District of Bangladesh: A Remote Sensing Approach. <i>Journal of Geographical Studies</i> , 2019, 3, 11-23.	0.3	38
13	Assessment of urban thermal field variance index and defining the relationship between land cover and surface temperature in Chattogram city: A remote sensing and statistical approach. <i>Environmental Challenges</i> , 2021, 4, 100107.	4.2	36
14	Life cycle energy and cost analysis of small scale biogas plant and solar PV system in rural areas of Bangladesh. <i>Energy Procedia</i> , 2019, 160, 277-284.	1.8	32
15	Remote sensing approach to simulate the land use/land cover and seasonal land surface temperature change using machine learning algorithms in a fastest-growing megacity of Bangladesh. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 21, 100463.	1.5	32
16	Monitoring the effects of vegetation cover losses on land surface temperature dynamics using geospatial approach in Rajshahi City, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100187.	4.2	31
17	Predicting changes in land use/land cover and seasonal land surface temperature using multi-temporal landsat images in the northwest region of Bangladesh. <i>Heliyon</i> , 2021, 7, e07623.	3.2	23
18	Geospatial approach for developing an integrated water resource management plan in Rajshahi, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100139.	4.2	23

#	ARTICLE	IF	CITATIONS
19	Insights into the socio-economic impacts of traffic congestion in the port and industrial areas of Chittagong city, Bangladesh. <i>Transportation Engineering</i> , 2022, 9, 100122.	4.2	21
20	Assessment and prediction of seasonal land surface temperature change using multi-temporal Landsat images and their impacts on agricultural yields in Rajshahi, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100147.	4.2	20
21	Gender disparity in telehealth usage in Bangladesh during COVID-19. <i>SSM Mental Health</i> , 2022, 2, 100054.	1.8	19
22	Assessment of temporal shifting of PM2.5, lockdown effect, and influences of seasonal meteorological factors over the fastest-growing megacity, Dhaka. <i>Spatial Information Research</i> , 2022, 30, 441-453.	2.2	19
23	Countering violent extremism using social media and preventing implementable strategies for Bangladesh. <i>Heliyon</i> , 2021, 7, e07121.	3.2	18
24	The operational role of remote sensing in assessing and predicting land use/land cover and seasonal land surface temperature using machine learning algorithms in Rajshahi, Bangladesh. <i>Applied Geomatics</i> , 2021, 13, 793-816.	2.5	18
25	Remote Sensing-Based Urban Sprawl Modeling Using Multilayer Perceptron Neural Network Markov Chain in Baghdad, Iraq. <i>Remote Sensing</i> , 2021, 13, 4034.	4.0	17
26	Predicting Microscale Land Use/Land Cover Changes Using Cellular Automata Algorithm on the Northwest Coast of Peninsular Malaysia. <i>Earth Systems and Environment</i> , 2022, 6, 817-835.	6.2	17
27	A perception-based study to explore COVID-19 pandemic stress and its factors in Bangladesh. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 102129.	3.6	15
28	Identifying Most Influential Land Use Parameters Contributing Reduction of Surface Water Bodies in Rajshahi City, Bangladesh: A Remote Sensing Approach. <i>Remote Sensing of Land</i> , 2018, 2, 87-95.	1.2	15
29	A content-based analysis to identify the influence of COVID-19 on sharing economy activities. <i>Spatial Information Research</i> , 2022, 30, 321-333.	2.2	12
30	Re-opening the Bangladesh economy: search for a framework using a riskimportance space. <i>Spatial Information Research</i> , 2022, 30, 539-549.	2.2	11
31	Integration of Remote Sensing and GIS Techniques for Flood Monitoring and Damage Assessment: A Case Study of Naogaon District, Bangladesh. <i>Journal of Remote Sensing & GIS</i> , 2018, 07, .	0.3	10
32	Mapping emerging massive open online course (MOOC) markets before and after COVID 19: A comparative perspective from Bangladesh and India. <i>Spatial Information Research</i> , 2022, 30, 655-663.	2.2	10
33	Application of modified managed aquifer recharge model for groundwater management in drought-prone water-stressed Barind Tract, Bangladesh. <i>Environmental Challenges</i> , 2021, 4, 100173.	4.2	9
34	Assessment on controlling factors of urbanization possibility in a newly developing city of the Vietnamese Mekong delta using logistic regression analysis. <i>Physics and Chemistry of the Earth</i> , 2022, 126, 103065.	2.9	8
35	Prediction of Urban Expansion and Identifying Its Impacts on the Degradation of Agricultural Land. , 2021, , 85-106.		6
36	Application of double lifting method for river water irrigation in the water stressed Barind Tract of northwest Bangladesh. <i>Groundwater for Sustainable Development</i> , 2022, 18, 100787.	4.6	6

#	ARTICLE	IF	CITATIONS
37	Sharing Economy. <i>Advances in Finance, Accounting, and Economics</i> , 2022, , 57-74.	0.3	4
38	Impact of COVID-19 and telehealth on mental health in Bangladesh: a propensity score matching approach. <i>Spatial Information Research</i> , 2022, 30, 347-354.	2.2	4
39	Remote Sensing-Based Approach to Identify the Influence of Land Use/Land Cover Change on the Urban Thermal Environment. , 2021, , 217-240.		3
40	Comparative occupational health risk between tobacco and paddy farming people in Bangladesh. <i>SSM Mental Health</i> , 2022, 2, 100061.	1.8	2
41	A geospatial approach in modelling the morphometric characteristics and course of Brahmaputra river using sinuosity index. <i>Environmental and Sustainability Indicators</i> , 2022, 15, 100196.	3.3	2
42	Efficient Utilization of Urban Fringe Area for Smart Urban Growth with Proposed Compact Township Design: A Case Study in Pabna District, Bangladesh. <i>Urban Studies and Public Administration</i> , 2018, 1, 150.	0.1	1
43	Estimating Traffic Volume to Identify the Level of Service in Major Intersections of Rajshahi, Bangladesh. <i>Trends in Civil Engineering and Its Architecture</i> , 2018, 2, .	0.4	1
44	Restoring and Controlling the Water Pollution of Endangered River in Bangladesh: A Case Study in Pabna City. <i>Journal of Geographical Studies</i> , 2019, 3, 68-81.	0.3	0