

# Lawal Billa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5695367/publications.pdf>

Version: 2024-02-01

21  
papers

1,292  
citations

687363

13  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial analysis and GIS in the study of COVID-19. A review. <i>Science of the Total Environment</i> , 2020, 739, 140033.	8.0	401
2	Effect of climate change on seasonal monsoon in Asia and its impact on the variability of monsoon rainfall in Southeast Asia. <i>Geoscience Frontiers</i> , 2015, 6, 817-823.	8.4	369
3	Modelling urban growth evolution and land-use changes using GIS based cellular automata and SLEUTH models: the case of Sana'a metropolitan city, Yemen. <i>Environmental Earth Sciences</i> , 2013, 70, 425-437.	2.7	143
4	Semi-automated procedures for shoreline extraction using single RADARSAT-1 SAR image. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 395-400.	2.1	66
5	Comprehensive planning and the role of SDSS in flood disaster management in Malaysia. <i>Disaster Prevention and Management</i> , 2006, 15, 233-240.	1.2	63
6	Challenges and considerations of applying nature-based solutions in low- and middle-income countries in Southeast and East Asia. <i>Blue-Green Systems</i> , 2020, 2, 331-351.	2.0	47
7	Spatial technology for natural risk management. <i>Disaster Prevention and Management</i> , 2004, 13, 364-373.	1.2	36
8	Spatial information technology in flood early warning systems: an overview of theory, application and latest developments in Malaysia. <i>Disaster Prevention and Management</i> , 2004, 13, 356-363.	1.2	27
9	Geospatial and statistical interpretation of lineaments: salinity intrusion in the Kribi-Campo coastland of Cameroon. <i>Advances in Space Research</i> , 2020, 66, 844-853.	2.6	24
10	Manifestation of Remote Sensing Data in Modeling Urban Sprawl Using the SLEUTH Model and Brute Force Calibration: A Case Study of Sana'a City, Yemen. <i>Journal of the Indian Society of Remote Sensing</i> , 2013, 41, 405-416.	2.4	21
11	Geospatial Modelling of Watershed Peak Flood Discharge in Selangor, Malaysia. <i>Water (Switzerland)</i> , 2019, 11, 2490.	2.7	16
12	Pre-flood inundation mapping for flood early warning. <i>Journal of Flood Risk Management</i> , 2011, 4, 318-327.	3.3	13
13	Potential fish habitat mapping using MODIS-derived sea surface salinity, temperature and chlorophyll-a data: South China Sea Coastal areas, Malaysia. <i>Geocarto International</i> , 2013, 28, 546-560.	3.5	13
14	Post-flood land use damage estimation using improved Normalized Difference Flood Index (NDFI3) on Landsat 8 datasets: December 2014 floods, Kelantan, Malaysia. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	10
15	The feasibility of using a low-cost near-infrared, sensitive, consumer-grade digital camera mounted on a commercial UAV to assess Bambara groundnut yield. <i>International Journal of Remote Sensing</i> , 2022, 43, 393-423.	2.9	10
16	Coupling effect of ozone column and atmospheric infrared sounder data reveal evidence of earthquake precursor phenomena of Bam earthquake, Iran. <i>Arabian Journal of Geosciences</i> , 2014, 7, 1517-1527.	1.3	9
17	Modelling rainfall intensity from NOAA AVHRR data for operational flood forecasting in Malaysia. <i>International Journal of Remote Sensing</i> , 2006, 27, 5225-5234.	2.9	7
18	AVHRR Data for Real-Time Operational Flood Forecasting in Malaysia. , 2005, , 1357-1379.		5

#	ARTICLE	IF	CITATIONS
19	Comparison of recorded rainfall with quantitative precipitation forecast in a rainfall-runoff simulation for the Langat River Basin, Malaysia. <i>Open Geosciences</i> , 2011, 3, .	1.7	5
20	Priming and temperature effects on germination and early seedling growth of some Brassica spp.. <i>Acta Horticulturae</i> , 2018, , 407-414.	0.2	4
21	Mesoscale grid rainfall estimation from AVHRR and GMS data. <i>International Journal of Remote Sensing</i> , 2012, 33, 2892-2908.	2.9	2