

Lalit Kumar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

329
papers

9,128
citations

46
h-index

82
g-index

355
ext. papers

11,132
ext. citations

3.8
avg, IF

7.1
L-index

#	Paper	IF	Citations
329	Self-organization of vegetation in arid ecosystems. <i>American Naturalist</i> , 2002 , 160, 524-30	3.7	509
328	. <i>Ecology</i> , 2003 , 84, 337-350	4.6	489
327	Modelling topographic variation in solar radiation in a GIS environment. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 475-497	4.1	368
326	Comparative assessment of the measures of thematic classification accuracy. <i>Remote Sensing of Environment</i> , 2007 , 107, 606-616	13.2	247
325	Google Earth Engine Applications Since Inception: Usage, Trends, and Potential. <i>Remote Sensing</i> , 2018 , 10, 1509	5	200
324	TSLP acts on infiltrating effector T cells to drive allergic skin inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 11875-80	11.5	195
323	Soil Salinity Mapping and Monitoring in Arid and Semi-Arid Regions Using Remote Sensing Technology: A Review. <i>Advances in Remote Sensing</i> , 2013 , 02, 373-385	0.5	182
322	A review of data assimilation of remote sensing and crop models. <i>European Journal of Agronomy</i> , 2018 , 92, 141-152	5	180
321	Cellular and molecular mechanisms in atopic dermatitis. <i>Advances in Immunology</i> , 2009 , 102, 135-226	5.6	176
320	Assessing soil salinity using soil salinity and vegetation indices derived from IKONOS high-spatial resolution imageries: Applications in a date palm dominated region. <i>Geoderma</i> , 2014 , 230-231, 1-8	6.7	148
319	Spatial heterogeneity and irreversible vegetation change in semiarid grazing systems. <i>American Naturalist</i> , 2002 , 159, 209-18	3.7	129
318	Monitoring the coastline change of Hatiya Island in Bangladesh using remote sensing techniques. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015 , 101, 137-144	11.8	114
317	A comparison of absolute performance of different correlative and mechanistic species distribution models in an independent area. <i>Ecology and Evolution</i> , 2016 , 6, 5973-86	2.8	109
316	Digital soil mapping algorithms and covariates for soil organic carbon mapping and their implications: A review. <i>Geoderma</i> , 2019 , 352, 395-413	6.7	104
315	Electric propulsion system for electric vehicular technology: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 29, 924-940	16.2	92
314	Mapping and Modelling Spatial Variation in Soil Salinity in the Al Hassa Oasis Based on Remote Sensing Indicators and Regression Techniques. <i>Remote Sensing</i> , 2014 , 6, 1137-1157	5	90
313	Estimating tropical pasture quality at canopy level using band depth analysis with continuum removal in the visible domain. <i>International Journal of Remote Sensing</i> , 2005 , 26, 1093-1108	3.1	90

312	Review of the use of remote sensing for biomass estimation to support renewable energy generation. <i>Journal of Applied Remote Sensing</i> , 2015 , 9, 097696	1.4	88
311	Production and optimization of cellulase-free, alkali-stable xylanase by <i>Bacillus pumilus</i> SV-85S in submerged fermentation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010 , 37, 71-83	4.2	85
310	Modeling dengue fever risk based on socioeconomic parameters, nationality and age groups: GIS and remote sensing based case study. <i>Science of the Total Environment</i> , 2011 , 409, 4713-9	10.2	78
309	Predictive modeling and mapping of Malayan Sun Bear (<i>Helarctos malayanus</i>) distribution using maximum entropy. <i>PLoS ONE</i> , 2012 , 7, e48104	3.7	75
308	Invasive alien plant species dynamics in the Himalayan region under climate change. <i>Ambio</i> , 2018 , 47, 697-710	6.5	73
307	Leucine-rich repeat containing 8A (LRRC8A) is essential for T lymphocyte development and function. <i>Journal of Experimental Medicine</i> , 2014 , 211, 929-42	16.6	72
306	Multiple-input DC/DC converter topology for hybrid energy system. <i>IET Power Electronics</i> , 2013 , 6, 1483-1501	1.501	72
305	Climate change impacts on the future distribution of date palms: a modeling exercise using CLIMEX. <i>PLoS ONE</i> , 2012 , 7, e48021	3.7	72
304	Global alterations in areas of suitability for maize production from climate change and using a mechanistic species distribution model (CLIMEX). <i>Scientific Reports</i> , 2017 , 7, 5910	4.9	71
303	Climate change and the potential global distribution of <i>Aedes aegypti</i> : spatial modelling using GIS and CLIMEX. <i>Geospatial Health</i> , 2014 , 8, 405-15	2.2	70
302	Climate change and the potential distribution of an invasive shrub, <i>Lantana camara</i> L. <i>PLoS ONE</i> , 2012 , 7, e35565	3.7	69
301	Hybrid topology of symmetrical multilevel inverter using less number of devices. <i>IET Power Electronics</i> , 2015 , 8, 2125-2135	2.2	66
300	Differential role of SLP-76 domains in T cell development and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 884-9	11.5	66
299	Land Degradation by Soil Erosion in Nepal: A Review. <i>Soil Systems</i> , 2019 , 3, 12	3.5	62
298	Comparison between meteorological data and farmer perceptions of climate change and vulnerability in relation to adaptation. <i>Journal of Environmental Management</i> , 2019 , 237, 54-62	7.9	62
297	Evaluating the application of the statistical index method in flood susceptibility mapping and its comparison with frequency ratio and logistic regression methods. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 79-101	3.6	60
296	Monitoring river channel dynamics using remote sensing and GIS techniques. <i>Geomorphology</i> , 2019 , 325, 92-102	4.3	53
295	Future climate effects on suitability for growth of oil palms in Malaysia and Indonesia. <i>Scientific Reports</i> , 2015 , 5, 14457	4.9	52

294	Climate change and variability in Kenya: a review of impacts on agriculture and food security. <i>Environment, Development and Sustainability</i> , 2021 , 23, 23-43	4.5	51
293	Estimation of Winter Wheat Biomass and Yield by Combining the AquaCrop Model and Field Hyperspectral Data. <i>Remote Sensing</i> , 2016 , 8, 972	5	50
292	Urban Land Cover Change Modelling Using Time-Series Satellite Images: A Case Study of Urban Growth in Five Cities of Saudi Arabia. <i>Remote Sensing</i> , 2016 , 8, 838	5	49
291	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2147-66	16.6	48
290	Improvement to the prediction of the USLE K factor. <i>Geomorphology</i> , 2014 , 204, 229-234	4.3	48
289	Investigating the Use of Remote Sensing and GIS Techniques to Detect Land Use and Land Cover Change: A Review. <i>Advances in Remote Sensing</i> , 2013 , 02, 193-204	0.5	48
288	Sustainable livelihoods through conservation of wetland resources: a case of economic benefits from Ghodaghodi Lake, western Nepal. <i>Ecology and Society</i> , 2015 , 20,	4.1	47
287	Vegetation, terrain and fire history shape the impact of extreme weather on fire severity and ecosystem response. <i>Journal of Vegetation Science</i> , 2014 , 25, 1033-1044	3.1	47
286	Immobilization of xylanase on glutaraldehyde activated aluminum oxide pellets for increasing digestibility of poultry feed. <i>Process Biochemistry</i> , 2012 , 47, 1402-1410	4.8	47
285	Exposure of coastal built assets in the South Pacific to climate risks. <i>Nature Climate Change</i> , 2015 , 5, 992-996	2.1	46
284	Modeling the climate suitability of tea [<i>Camellia sinensis</i> (L.) O. Kuntze] in Sri Lanka in response to current and future climate change scenarios. <i>Agricultural and Forest Meteorology</i> , 2019 , 272-273, 102-117	5.8	45
283	Gelation and Breakage Behavior of Model Wax/Oil Systems: Rheological Properties and Model Development. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 8123-8133	3.9	45
282	Crop niche modeling projects major shifts in common bean growing areas. <i>Agricultural and Forest Meteorology</i> , 2016 , 218-219, 102-113	5.8	44
281	Future distributions of <i>Fusarium oxysporum</i> f. spp. in European, Middle Eastern and North African agricultural regions under climate change. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 197, 96-105	5.7	44
280	Sustainability of Coastal Agriculture under Climate Change. <i>Sustainability</i> , 2019 , 11, 7200	3.6	44
279	Oleic acid vesicles: a new approach for topical delivery of antifungal agent. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014 , 42, 95-101	6.1	43
278	Potential distribution of an invasive species under climate change scenarios using CLIMEX and soil drainage: a case study of <i>Lantana camara</i> L. in Queensland, Australia. <i>Journal of Environmental Management</i> , 2013 , 114, 414-22	7.9	43
277	Mapping Long-Term Changes in Mangrove Species Composition and Distribution in the Sundarbans. <i>Forests</i> , 2016 , 7, 305	2.8	43

276	The application of a Dempster-Shafer-based evidential belief function in flood susceptibility mapping and comparison with frequency ratio and logistic regression methods. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	42
275	Application of remote sensing and GIS-based hydrological modelling for flood risk analysis: a case study of District 8, Ho Chi Minh city, Vietnam. <i>Geomatics, Natural Hazards and Risk</i> , 2017 , 8, 1792-1811	3.6	41
274	Modeling the Potential Distribution of Pine Forests Susceptible to Sirex Noctilio Infestations in Mpumalanga, South Africa. <i>Transactions in GIS</i> , 2010 , 14, 709-726	2.1	41
273	Impact of climate-smart agriculture adoption on the food security of coastal farmers in Bangladesh. <i>Food Security</i> , 2018 , 10, 1073-1088	6.7	39
272	Gelation Behavior of Model Wax/Oil and Crude Oil Systems and Yield Stress Model Development. <i>Energy & Fuels</i> , 2012 , 26, 6323-6331	4.1	39
271	A multiple source DC/DC converter topology. <i>International Journal of Electrical Power and Energy Systems</i> , 2013 , 51, 278-291	5.1	38
270	Vaccinia virus inoculation in sites of allergic skin inflammation elicits a vigorous cutaneous IL-17 response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14954-9	11.5	38
269	Imaging Spectrometry and Vegetation Science. <i>Remote Sensing and Digital Image Processing</i> , 2002 , 111-155		38
268	Hyper production of alkali stable xylanase in lesser duration by <i>Bacillus pumilus</i> SV-85S using wheat bran under solid state fermentation. <i>New Biotechnology</i> , 2011 , 28, 581-7	6.4	37
267	Land Use and Land Cover Change Detection in the Saudi Arabian Desert Cities of Makkah and Al-Taif Using Satellite Data. <i>Advances in Remote Sensing</i> , 2014 , 03, 106-119	0.5	36
266	The greening of the Himalayas and Tibetan Plateau under climate change. <i>Global and Planetary Change</i> , 2017 , 159, 77-92	4.2	35
265	Leaf level experiments to discriminate between eucalyptus species using high spectral resolution reflectance data: use of derivatives, ratios and vegetation indices. <i>Geocarto International</i> , 2010 , 25, 327-344	3.7	35
264	Structural requirements of SLP-76 in signaling via the high-affinity immunoglobulin E receptor (Fc epsilon RI) in mast cells. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2395-406	4.8	35
263	Carbodithioic acid esters of fluoxetine, a novel class of dual-function spermicides. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 2247-56	6.8	34
262	Mapping salt-marsh land-cover vegetation using high-spatial and hyperspectral satellite data to assist wetland inventory. <i>GIScience and Remote Sensing</i> , 2014 , 51, 483-497	4.8	33
261	An instant and facile bromination of industrially-important aromatic compounds in water using recyclable $\text{CaBr}_2/\text{Br}_2$ system. <i>Green Chemistry</i> , 2011 , 13, 2187	10	33
260	Catchment-wide wetland assessment and prioritization using the multi-criteria decision-making method TOPSIS. <i>Environmental Management</i> , 2006 , 38, 316-26	3.1	33
259	Immobilization of xylanase purified from <i>Bacillus pumilus</i> VLK-1 and its application in enrichment of orange and grape juices. <i>Journal of Food Science and Technology</i> , 2014 , 51, 1737-49	3.3	32

258	Imidazole derivatives as possible microbicides with dual protection. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 817-24	6.8	32
257	Climate change and potential impacts on agriculture in Bhutan: a discussion of pertinent issues. <i>Agriculture and Food Security</i> , 2018 , 7,	3.1	32
256	Risk levels of invasive <i>Fusarium oxysporum</i> f. sp. in areas suitable for date palm (<i>Phoenix dactylifera</i>) cultivation under various climate change projections. <i>PLoS ONE</i> , 2013 , 8, e83404	3.7	30
255	Identification of the Most Suitable Probability Distribution Models for Maximum, Minimum, and Mean Streamflow. <i>Water (Switzerland)</i> , 2019 , 11, 734	3	29
254	Temporal Variability and Trends of Rainfall and Streamflow in Tana River Basin, Kenya. <i>Sustainability</i> , 2017 , 9, 1963	3.6	29
253	A comparison of reflectance characteristics of some Australian eucalyptus species based on high spectral resolution data discriminating using the visible and NIR regions. <i>Journal of Spatial Science</i> , 2007 , 52, 51-64	1.6	29
252	Potentiating Metronidazole Scaffold against Resistant <i>Trichomonas</i> : Design, Synthesis, Biology and 3D-QSAR Analysis. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 83-7	4.3	28
251	Novel trichomonacidal spermicides. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4343-51	5.9	28
250	Classifying Pacific islands. <i>Geoscience Letters</i> , 2016 , 3,	3.5	27
249	Assessment of Potential Land Suitability for Tea (<i>Camellia sinensis</i> (L.) O. Kuntze) in Sri Lanka Using a GIS-Based Multi-Criteria Approach. <i>Agriculture (Switzerland)</i> , 2019 , 9, 148	3	27
248	Efficient and Facile Chlorination of Industrially-Important Aromatic Compounds using NaCl/p-TsOH/NCS in Aqueous Media. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 3881-3886	3.9	27
247	Fine-scale spatial distribution of plants and resources on a sandy soil in the Sahel. <i>Plant and Soil</i> , 2002 , 239, 69-77	4.2	27
246	A novel GIS-based ensemble technique for flood susceptibility mapping using evidential belief function and support vector machine: Brisbane, Australia. <i>PeerJ</i> , 2019 , 7, e7653	3.1	27
245	Potential risk levels of invasive <i>Neoleucinodes elegantalis</i> (small tomato borer) in areas optimal for open-field <i>Solanum lycopersicum</i> (tomato) cultivation in the present and under predicted climate change. <i>Pest Management Science</i> , 2017 , 73, 616-627	4.6	26
244	Leucine-rich repeat containing 8A (LRRC8A)-dependent volume-regulated anion channel activity is dispensable for T-cell development and function. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1651-1659.e1	11.5	26
243	Invasive Plant Species Establishment and Range Dynamics in Sri Lanka under Climate Change. <i>Entropy</i> , 2019 , 21,	2.8	26
242	Modulation of xylanase production from alkaliphilic <i>Bacillus pumilus</i> VLK-1 through process optimization and temperature shift operation. <i>3 Biotech</i> , 2014 , 4, 345-356	2.8	26
241	Estimating Biomass of Native Grass Grown under Complex Management Treatments Using WorldView-3 Spectral Derivatives. <i>Remote Sensing</i> , 2017 , 9, 55	5	26

240	Mapping global risk levels of Bemisia tabaci in areas of suitability for open field tomato cultivation under current and future climates. <i>PLoS ONE</i> , 2018 , 13, e0198925	3.7	26
239	Spatial assessment of soil erosion in a hilly watershed of Western Nepal. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	25
238	Risk of spread of tomato yellow leaf curl virus (TYLCV) in tomato crops under various climate change scenarios. <i>Agricultural Systems</i> , 2019 , 173, 524-535	6.1	24
237	Development of fault-tolerant MLI topology. <i>IET Power Electronics</i> , 2018 , 11, 1416-1424	2.2	24
236	Monitoring Mangrove forest landcover changes in the coastline of Bangladesh from 1976 to 2015. <i>Geocarto International</i> , 2019 , 34, 1458-1476	2.7	24
235	Independent two-step thresholding of binary images in inter-annual land cover change/no-change identification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013 , 81, 31-43	11.8	24
234	Modelling Climate Suitability for Rainfed Maize Cultivation in Kenya Using a Maximum Entropy (MaxENT) Approach. <i>Agronomy</i> , 2019 , 9, 727	3.6	24
233	Modeling spatio-temporal risk changes in the incidence of Dengue fever in Saudi Arabia: a geographical information system case study. <i>Geospatial Health</i> , 2011 , 6, 77-84	2.2	23
232	Relationship between vegetation growth rates at the onset of the wet season and soil type in the Sahel of Burkina Faso: implications for resource utilisation at large scales. <i>Ecological Modelling</i> , 2002 , 149, 143-152	3	23
231	Sensitivity analysis of CLIMEX parameters in modelling potential distribution of Lantana camara L. <i>PLoS ONE</i> , 2012 , 7, e40969	3.7	23
230	Use of Darwinian Particle Swarm Optimization technique for the segmentation of Remote Sensing images 2012 ,		22
229	Assessing the risk for dengue fever based on socioeconomic and environmental variables in a geographical information system environment. <i>Geospatial Health</i> , 2012 , 6, 171-6	2.2	22
228	Sensitivity analysis of CLIMEX parameters in modeling potential distribution of Phoenix dactylifera L. <i>PLoS ONE</i> , 2014 , 9, e94867	3.7	22
227	Assessing the impact of climate change on the worldwide distribution of Dalbulus maidis (DeLong) using MaxEnt. <i>Pest Management Science</i> , 2019 , 75, 2706-2715	4.6	22
226	Analysis of spatio-temporal dynamics of land use and cover changes in Western Kenya. <i>Geocarto International</i> , 2021 , 36, 376-391	2.7	22
225	Changing global risk of invading greenbug Schizaphis graminum under climate change. <i>Crop Protection</i> , 2016 , 88, 137-148	2.7	21
224	Cdc42 interacting protein 4 (CIP4) is essential for integrin-dependent T-cell trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16252-6	11.5	21
223	Projected future distribution of date palm and its potential use in alleviating micronutrient deficiency. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 1132-40	4.3	20

222	Soil erosion susceptibility mapping for current and 2100 climate conditions using evidential belief function and frequency ratio. <i>Geomatics, Natural Hazards and Risk</i> , 2017 , 8, 1695-1714	3.6	20
221	Hydro-Climatic Variability: A Characterisation and Trend Study of the Awash River Basin, Ethiopia. <i>Hydrology</i> , 2019 , 6, 35	2.8	20
220	Should species distribution models use only native or exotic records of existence or both?. <i>Ecological Informatics</i> , 2015 , 29, 57-65	4.2	20
219	Soil salinity and vegetation cover change detection from multi-temporal remotely sensed imagery in Al Hassa Oasis in Saudi Arabia. <i>Geocarto International</i> , 2018 , 33, 830-846	2.7	20
218	Airborne LiDAR derived canopy height model reveals a significant difference in radiata pine (<i>Pinus radiata</i> D. Don) heights based on slope and aspect of sites. <i>Trees - Structure and Function</i> , 2014 , 28, 733-744	2.6	20
217	Global risk levels for corn rusts (<i>Puccinia sorghi</i> and <i>Puccinia polysora</i>) under climate change projections. <i>Journal of Phytopathology</i> , 2017 , 165, 563-574	1.8	20
216	Discovery of novel antitubercular 3a,4-dihydro-3H-indeno[1,2-c]pyrazole-2-carboxamide/carbothioamide analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 5259-61	2.9	20
215	DETERMINING THE OPTIMAL SPATIAL RESOLUTION OF REMOTELY SENSED DATA FOR THE DETECTION OF SIREX NOCTILIO INFESTATIONS IN PINE PLANTATIONS IN KWAZULU-NATAL, SOUTH AFRICA. <i>Southern African Geographical Journal</i> , 2008 , 90, 22-31	1.6	20
214	A novel anti-WIP monoclonal antibody detects an isoform of WIP that lacks the WASP binding domain. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 353, 875-81	3.4	20
213	Meteorological data and farmers' perception of coastal climate in Bangladesh. <i>Science of the Total Environment</i> , 2020 , 704, 135384	10.2	20
212	Spatiotemporal Modeling of Urban Growth Predictions Based on Driving Force Factors in Five Saudi Arabian Cities. <i>ISPRS International Journal of Geo-Information</i> , 2016 , 5, 139	2.9	20
211	An assessment of the impact of urbanization and land use changes in the fast-growing cities of Saudi Arabia. <i>Geocarto International</i> , 2019 , 34, 78-97	2.7	20
210	Improving image classification in a complex wetland ecosystem through image fusion techniques. <i>Journal of Applied Remote Sensing</i> , 2014 , 8, 083616	1.4	19
209	Bromination of Deactivated Aromatic Compounds with Sodium Bromide/Sodium Periodate under Mild Acidic Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 11593-11597	3.9	19
208	Markov Land Cover Change Modeling Using Pairs of Time-Series Satellite Images. <i>Photogrammetric Engineering and Remote Sensing</i> , 2013 , 79, 1037-1051	1.6	19
207	Environmentally-Benign and Rapid Bromination of Industrially-Important Aromatics Using an Aqueous CaBr ₂ /Br ₂ System as an Instant and Renewable Brominating Reagent. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 705-712	3.9	19
206	WIP is critical for T cell responsiveness to IL-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7519-24	11.5	19
205	Rank-Based Methods for Selection of Landscape Metrics for Land Cover Pattern Change Detection. <i>Remote Sensing</i> , 2016 , 8, 107	5	19

204	Invasive weed species threats to global biodiversity: Future scenarios of changes in the number of invasive species in a changing climate. <i>Ecological Indicators</i> , 2020 , 116, 106436	5.8	18
203	Assessing the Impacts of Tillage and Mulch on Soil Erosion and Corn Yield. <i>Agronomy</i> , 2020 , 10, 63	3.6	18
202	Future climate and habitat distribution of Himalayan Musk Deer (<i>Moschus chrysogaster</i>). <i>Ecological Informatics</i> , 2018 , 44, 101-108	4.2	18
201	Design and RF Characterization of W-band Meander-Line and Folded-Waveguide Slow-Wave Structures for TWTs. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 1769-1775	2.9	18
200	Vulnerability and impacts of climate change on forest and freshwater wetland ecosystems in Nepal: A review. <i>Ambio</i> , 2017 , 46, 915-930	6.5	18
199	Using object-based hierarchical classification to extract land use land cover classes from high-resolution satellite imagery in a complex urban area. <i>Journal of Applied Remote Sensing</i> , 2015 , 9, 096052	1.4	17
198	Impact of interfacial interactions on optical and ammonia sensing in zinc oxide/polyaniline structures. <i>Bulletin of Materials Science</i> , 2013 , 36, 647-652	1.7	17
197	A New Route to Glucose Sensing Based on Surface Plasmon Resonance Using Polyindole. <i>Plasmonics</i> , 2013 , 8, 487-494	2.4	17
196	Azole-carbodithioate hybrids as vaginal anti-Candida contraceptive agents: design, synthesis and docking studies. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 68-77	6.8	17
195	Land cover change detection of Hatiya Island, Bangladesh, using remote sensing techniques. <i>Journal of Applied Remote Sensing</i> , 2012 , 6, 063608	1.4	17
194	Mapping of land-use/land-cover changes and its dynamics in Awash River Basin using remote sensing and GIS. <i>Remote Sensing Applications: Society and Environment</i> , 2020 , 19, 100352	2.8	17
193	Estimation of Sediment Yield and Maximum Outflow Using the IntErO Model in the Sarada River Basin of Nepal. <i>Water (Switzerland)</i> , 2019 , 11, 952	3	16
192	A modelling implementation of climate change on biodegradation of Low-Density Polyethylene (LDPE) by <i>Aspergillus niger</i> in soil. <i>Global Ecology and Conservation</i> , 2015 , 4, 388-398	2.8	16
191	Modelling the current and potential future distributions of the sunn pest <i>Eurygaster integriceps</i> (Hemiptera: Scutelleridae) using CLIMEX. <i>Pest Management Science</i> , 2016 , 72, 1989-2000	4.6	16
190	An indicative index of physical susceptibility of small islands to coastal erosion induced by climate change: an application to the Pacific islands. <i>Geomatics, Natural Hazards and Risk</i> , 2018 , 9, 691-702	3.6	16
189	Review of native vegetation condition assessment concepts, methods and future trends. <i>Journal for Nature Conservation</i> , 2017 , 40, 12-23	2.3	16
188	Aqueous Bromination Method for the Synthesis of Industrially-Important Intermediates Catalyzed by Micellar Solution of Sodium Dodecyl Sulfate (SDS). <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 2227-2234	3.9	16
187	Instantaneous, Facile and Selective Synthesis of Tetrabromobisphenol A using Potassium Tribromide: An Efficient and Renewable Brominating Agent. <i>Organic Process Research and Development</i> , 2010 , 14, 174-179	3.9	16

186	A Simple and Accurate Analysis of Conductivity Loss in Millimeter-Wave Helical Slow-Wave Structures. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2009 , 30, 381-392	2.2	16
185	Land use change affects water erosion in the Nepal Himalayas. <i>PLoS ONE</i> , 2020 , 15, e0231692	3.7	16
184	Modeling and Mapping of Soil Salinity and its Impact on Paddy Lands in Jaffna Peninsula, Sri Lanka. <i>Sustainability</i> , 2020 , 12, 8317	3.6	15
183	A repertoire of biomarkers helps in detection and assessment of therapeutic response in epithelial ovarian cancer. <i>Molecular and Cellular Biochemistry</i> , 2014 , 386, 259-69	4.2	15
182	DISTRIBUTION OF DATE PALMS IN THE MIDDLE EAST BASED ON FUTURE CLIMATE SCENARIOS. <i>Experimental Agriculture</i> , 2015 , 51, 244-263	1.7	15
181	Sub-Compartment Variation in Tree Height, Stem Diameter and Stocking in a Pinus radiata D. Don Plantation Examined Using Airborne LiDAR Data. <i>Remote Sensing</i> , 2014 , 6, 7592-7609	5	15
180	Projecting date palm distribution in Iran under climate change using topography, physicochemical soil properties, soil taxonomy, land use, and climate data. <i>Theoretical and Applied Climatology</i> , 2014 , 118, 553-567	3	15
179	Impact of Land Use/Cover Changes on Soil Erosion in Western Kenya. <i>Sustainability</i> , 2020 , 12, 9740	3.6	15
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