Lalit Kumar

List of Publications by Year
in descending order

350 papers	13,464 citations	30070 54 h-index	34986 98 g-index
355 all docs	355 docs citations	355 times ranked	14992 citing authors

#	Article	IF	Citations
1	Exploring the Therapeutic Potential of PLGA Nanoparticles in Oncotherapeutics. Micro and Nanosystems, 2023, 15, 43-45.	0.6	0
2	Perception of the impacts of climate and environmental variability on water availability, irrigation and farming systems: a study in rural households of Awash River Basin, Ethiopia. International Journal of Agricultural Sustainability, 2022, 20, 231-246.	3.5	4
3	Trajectories of cropping system intensification under changing environment in south-west coastal Bangladesh. International Journal of Agricultural Sustainability, 2022, 20, 722-742.	3.5	10
4	Identifying the habitat suitability and built-in corridors for Asiatic black bear (Ursus thibetanus) movement in the northern highlands of Pakistan. Ecological Informatics, 2022, 68, 101532.	5.2	6
5	Plga nanoparticles and transdermal delivery. Recent Patents on Nanotechnology, 2022, 16, .	1.3	0
6	Climate change and future of agri-food production. , 2022, , 49-79.		19
7	Polymeric microsponge as a new vehicle to deliver urea topically: development and characterization. Recent Patents on Nanotechnology, 2022, 16, .	1.3	1
8	Assessing potential impacts of sea level rise on mangrove ecosystems in the Mekong Delta, Vietnam. Regional Environmental Change, 2022, 22, 1.	2.9	6
9	A tested method for assessing and predicting weather-crime associations. Environmental Science and Pollution Research, 2022, 29, 75013-75030.	5.3	2
10	Monitoring of land use/land-cover dynamics using remote sensing: a case of Tana River Basin, Kenya. Geocarto International, 2021, 36, 1470-1488.	3.5	18
11	Climate change and variability in Kenya: a review of impacts on agriculture and food security. Environment, Development and Sustainability, 2021, 23, 23-43.	5.0	174
12	Analysis of spatio-temporal dynamics of land use and cover changes in Western Kenya. Geocarto International, 2021, 36, 376-391.	3.5	33
13	Fire danger assessment using geospatial modelling in Mekong delta, Vietnam: Effects on wetland resources. Remote Sensing Applications: Society and Environment, 2021, 21, 100456.	1.5	8
14	Discriminated perceptions of climatic impacts on coastal farm management practices. Journal of Environmental Management, 2021, 278, 111550.	7.8	3
15	Climatic and non-climatic risks in rainfed crop production systems: insights from maize farmers of western Kenya. Climate and Development, 2021, 13, 869-878.	3.9	2
16	Long-Term Changes of Aquatic Invasive Plants and Implications for Future Distribution: A Case Study Using a Tank Cascade System in Sri Lanka. Climate, 2021, 9, 31.	2.8	8
17	Potential Impact of the Current and Future Climate on the Yield, Quality, and Climate Suitability for Tea [Camellia sinensis (L.) O. Kuntze]: A Systematic Review. Agronomy, 2021, 11, 619.	3.0	20
18	The future of high-quality Ceylon tea seems bleak in the face of climate change. International Journal of Biometeorology, 2021, 65, 1629-1646.	3.0	2

#	Article	IF	Citations
19	Linking Long-Term Changes in Soil Salinity to Paddy Land Abandonment in Jaffna Peninsula, Sri Lanka. Agriculture (Switzerland), 2021, 11, 211.	3.1	16
20	Potential risks of Invasive Alien Plant Species on native plant biodiversity in Sri Lanka due to climate change. Biodiversity, 2021, 22, 24-34.	1.1	4
21	Potential distribution of aquatic invasive alien plants, Eichhornia crassipes and Salvinia molesta under climate change in Sri Lanka. Wetlands Ecology and Management, 2021, 29, 531-545.	1.5	11
22	Invasion status and impacts of parthenium weed (Parthenium hysterophorus) in West-Central region of Bhutan. Biological Invasions, 2021, 23, 2763-2779.	2.4	11
23	Impact of climate change on Asiatic black bear (*Ursus thibetanus*) and its autumn diet in the northern highlands of Pakistan. Global Change Biology, 2021, 27, 4294-4306.	9.5	18
24	Projected shifts in the distribution range of Asiatic black bear (Ursus thibetanus) in the Hindu Kush Himalaya due to climate change. Ecological Informatics, 2021, 63, 101312.	5.2	26
25	Updating the national soil map of Nepal through digital soil mapping. Geoderma, 2021, 394, 115041.	5.1	21
26	Formulation, Optimization, and Ex-vivo Evaluation of Novel Lipid Carriers for Enhanced Transdermal Delivery of Hydroquinone. Micro and Nanosystems, 2021, 13, 303-318.	0.6	1
27	Remote Sensing Approach for Monitoring Coastal Wetland in the Mekong Delta, Vietnam: Change Trends and Their Driving Forces. Remote Sensing, 2021, 13, 3359.	4.0	29
28	Nanofiber as a novel vehicle for transdermal delivery of therapeutic agents: challenges and opportunities. Future Journal of Pharmaceutical Sciences, 2021, 7, .	2.8	10
29	Modelling the susceptibility of wetland plant species under climate change in the Mekong Delta, Vietnam. Ecological Informatics, 2021, 64, 101358.	5.2	22
30	Modeling potential hotspots of invasive Prosopis juliflora (Swartz) DC in India. Ecological Informatics, 2021, 64, 101386.	5.2	18
31	Sustainability of Village Tank Cascade Systems of Sri Lanka: Exploring Cascade Anatomy and Socio-Ecological Nexus for Ecological Restoration Planning. Challenges, 2021, 12, 24.	1.7	9
32	Yield trends and variabilities explained by climatic change in coastal and non-coastal areas of Bangladesh. Science of the Total Environment, 2021, 795, 148814.	8.0	11
33	Potential risks of invasive alien plant species on agriculture under climate change scenarios in Sri Lanka. Current Research in Environmental Sustainability, 2021, 3, 100051.	3.5	11
34	Landslide Susceptibility Assessment Using Binary Logistic Regression in Northern Philippines. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 185-191.	0.3	2
35	Potential distribution of crop wild relatives under climate change in Sri Lanka: implications for conservation of agricultural biodiversity. Current Research in Environmental Sustainability, 2021, 3, 100092.	3.5	12
36	Rainfall anomalies and their impacts on Bhutan's agro-ecological landscape. Regional Environmental Change, 2021, 21, 1.	2.9	1

#	Article	IF	Citations
37	Use of Multi-Seasonal Satellite Images to Predict SOC from Cultivated Lands in a Montane Ecosystem. Remote Sensing, 2021, 13, 4772.	4.0	8
38	Formulation and Characterization of Transethosomes for Enhanced Transdermal Delivery of Propranolol Hydrochloride. Micro and Nanosystems, 2020, 12, 38-47.	0.6	20
39	Characterisation of channel morphological pattern changes and flood corridor dynamics of the tropical Tana River fluvial systems, Kenya. Journal of African Earth Sciences, 2020, 163, 103748.	2.0	7
40	Meteorological data and farmers' perception of coastal climate in Bangladesh. Science of the Total Environment, 2020, 704, 135384.	8.0	41
41	Climate change projections in the Awash River Basin of Ethiopia using Global and Regional Climate Models. International Journal of Climatology, 2020, 40, 3649-3666.	3.5	17
42	Neglected and Underutilized Fruit Species in Sri Lanka: Prioritisation and Understanding the Potential Distribution under Climate Change. Agronomy, 2020, 10, 34.	3.0	25
43	Climate Change May Imperil Tea Production in the Four Major Tea Producers According to Climate Prediction Models. Agronomy, 2020, 10, 1536.	3.0	12
44	GIS-based geomorphometric analysis for potential applications in reversing land and biosystem degradation. Environmental Monitoring and Assessment, 2020, 192, 668.	2.7	4
45	Mapping of land-use/land-cover changes and its dynamics in Awash River Basin using remote sensing and GIS. Remote Sensing Applications: Society and Environment, 2020, 19, 100352.	1.5	32
46	Modelling the Potential Impacts of Climate Change on Rice Cultivation in Mekong Delta, Vietnam. Sustainability, 2020, 12, 9608.	3.2	20
47	Impact of Land Use/Cover Changes on Soil Erosion in Western Kenya. Sustainability, 2020, 12, 9740.	3.2	28
48	Spatiotemporal Variation of Urban Heat Islands for Implementing Nature-Based Solutions: A Case Study of Kurunegala, Sri Lanka. ISPRS International Journal of Geo-Information, 2020, 9, 461.	2.9	31
49	Long-Term Variability in Potential Evapotranspiration, Water Availability and Drought under Climate Change Scenarios in the Awash River Basin, Ethiopia. Atmosphere, 2020, 11, 883.	2.3	21
50	Modeling and Mapping of Soil Salinity and its Impact on Paddy Lands in Jaffna Peninsula, Sri Lanka. Sustainability, 2020, 12, 8317.	3.2	28
51	Coastal settlement patterns and exposure to sea-level rise in the Jaffna Peninsula, Sri Lanka. Population and Environment, 2020, 42, 129-145.	3.0	5
52	Invasive weed species' threats to global biodiversity: Future scenarios of changes in the number of invasive species in a changing climate. Ecological Indicators, 2020, 116, 106436.	6.3	50
53	Prediction of Bhutan's ecological distribution of rice (<i>Oryza sativa</i>L.) under the impact of climate change through maximum entropy modelling. Journal of Agricultural Science, 2020, 158, 25-37.	1.3	28
54	Kinetic analysis of a surface plasmon resonance based glucose sensor using polyindole. AIP Conference Proceedings, 2020, , .	0.4	0

#	Article	IF	Citations
55	Consequences of Climate Change Impacts and Incidences of Extreme Weather Events in Relation to Crop Production in Bhutan. Sustainability, 2020, 12, 4319.	3.2	20
56	Assessment of Spatial and Temporal Trend of Groundwater Salinity in Jaffna Peninsula and Its Link to Paddy Land Abandonment. Sustainability, 2020, 12, 3681.	3.2	14
57	Spatio-temporal landscape changes and the impacts of climate change in mountainous Bhutan: A case of Punatsang Chhu Basin. Remote Sensing Applications: Society and Environment, 2020, 18, 100307.	1.5	7
58	Assessing the Impacts of Tillage and Mulch on Soil Erosion and Corn Yield. Agronomy, 2020, 10, 63.	3.0	28
59	Oleic Acid Vesicles for Transdermal Delivery of Propranolol Hydrochloride: Development and Characterization. Current Drug Therapy, 2020, 15, 238-248.	0.3	3
60	Climate Change and the Pacific Islands. Springer Climate, 2020, , 1-31.	0.6	5
61	Perceived farm-level climatic impacts on coastal agricultural productivity in Bangladesh. Climatic Change, 2020, 161, 617-636.	3.6	22
62	Relationship between Environmental Covariates and Ceylon Tea Cultivation in Sri Lanka. Agronomy, 2020, 10, 476.	3.0	17
63	Land use change affects water erosion in the Nepal Himalayas. PLoS ONE, 2020, 15, e0231692.	2.5	24
64	Potential Risks of Plant Invasions in Protected Areas of Sri Lanka under Climate Change with Special Reference to Threatened Vertebrates. Climate, 2020, 8, 51.	2.8	10
65	Potential Impacts of Sea-Level Rise upon the Jaffna Peninsula, Sri Lanka: How Climate Change Can Adversely Affect the Coastal Zone. Journal of Coastal Research, 2020, 36, 951.	0.3	15
66	Climate Change and Impacts on Biodiversity on Small Islands. Springer Climate, 2020, , 449-474.	0.6	3
67	Impacts of Climate Change on Coastal Infrastructure in the Pacific. Springer Climate, 2020, , 275-294.	0.6	3
68	Downscaling from Whole-Island to an Island-Coast Assessment of Coastal Landform Susceptibility to Metocean Change in the Pacific Ocean. Springer Climate, 2020, , 225-250.	0.6	2
69	Population Distribution in the Pacific Islands, Proximity to Coastal Areas, and Risks. Springer Climate, 2020, , 295-322.	0.6	1
70	Islands in the Pacific: Settings, Distribution and Classification. Springer Climate, 2020, , 33-170.	0.6	0
71	Transcending the Cutaneous Barrier Through Nanocarrier Exploration for Passive Delivery of Anti-hypertensive Drugs: A Critical Review. Recent Patents on Nanotechnology, 2020, 14, 193-209.	1.3	3
72	Monitoring Mangrove forest landcover changes in the coastline of Bangladesh from 1976 to 2015. Geocarto International, 2019, 34, 1458-1476.	3.5	42

#	Article	IF	Citations
73	Assessment of Potential Land Suitability for Tea (Camellia sinensis (L.) O. Kuntze) in Sri Lanka Using a GIS-Based Multi-Criteria Approach. Agriculture (Switzerland), 2019, 9, 148.	3.1	42
74	Invasive Plants Distribution Modeling: A Tool for Tropical Biodiversity Conservation With Special Reference to Sri Lanka. Tropical Conservation Science, 2019, 12, 194008291986426.	1.2	20
75	The Depths of Cast Shadow. Remote Sensing, 2019, 11, 1806.	4.0	1
76	Soil erodibility and its prediction in semi-arid regions. Archives of Agronomy and Soil Science, 2019, 65, 1688-1703.	2.6	23
77	Climate model for seasonal variation in Bemisia tabaci using CLIMEX in tomato crops. International Journal of Biometeorology, 2019, 63, 281-291.	3.0	23
78	Hydro-Climatic Variability: A Characterisation and Trend Study of the Awash River Basin, Ethiopia. Hydrology, 2019, 6, 35.	3.0	43
79	Digital soil mapping algorithms and covariates for soil organic carbon mapping and their implications: A review. Geoderma, 2019, 352, 395-413.	5.1	228
80	Invasive Plant Species Establishment and Range Dynamics in Sri Lanka under Climate Change. Entropy, 2019, 21, 571.	2.2	41
81	Identification of the Most Suitable Probability Distribution Models for Maximum, Minimum, and Mean Streamflow. Water (Switzerland), 2019, 11, 734.	2.7	56
82	Hydro-Morphological Characteristics Using Flow Duration Curve, Historical Data and Remote Sensing: Effects of Land Use and Climate. Water (Switzerland), 2019, 11, 309.	2.7	11
83	Estimation of Sediment Yield and Maximum Outflow Using the IntErO Model in the Sarada River Basin of Nepal. Water (Switzerland), 2019, 11, 952.	2.7	31
84	Risk of spread of tomato yellow leaf curl virus (TYLCV) in tomato crops under various climate change scenarios. Agricultural Systems, 2019, 173, 524-535.	6.1	49
85	Ommatissus Lybicus Infestation in Relation to Spatial Characteristics of Date Palm Plantations in Oman. Agriculture (Switzerland), 2019, 9, 50.	3.1	1
86	Land Degradation by Soil Erosion in Nepal: A Review. Soil Systems, 2019, 3, 12.	2.6	135
87	Google Earth Engine Applications. Remote Sensing, 2019, 11, 591.	4.0	262
88	Modeling the climate suitability of tea [Camellia sinensis(L.) O. Kuntze] in Sri Lanka in response to current and future climate change scenarios. Agricultural and Forest Meteorology, 2019, 272-273, 102-117.	4.8	85
89	Geospatial modelling of the inundation levels in the Sundarbans mangrove forests due to the impact of sea level rise and identification of affected species and regions. Geomatics, Natural Hazards and Risk, 2019, 10, 1028-1046.	4.3	23
90	Comparison between meteorological data and farmer perceptions of climate change and vulnerability in relation to adaptation. Journal of Environmental Management, 2019, 237, 54-62.	7.8	98

#	Article	IF	Citations
91	Forest cover dynamics and underlying driving forces affecting ecosystem services in western Kenya. Remote Sensing Applications: Society and Environment, 2019, 14, 75-83.	1.5	14
92	Assessing the impact of climate change on the worldwide distribution of *Dalbulus maidis* (DeLong) using MaxEnt. Pest Management Science, 2019, 75, 2706-2715.	3.4	60
93	Sustainability of Coastal Agriculture under Climate Change. Sustainability, 2019, 11, 7200.	3.2	75
94	Modeling reservoir management for malaria control in Ethiopia. Scientific Reports, 2019, 9, 18075.	3.3	6
95	Modelling Climate Suitability for Rainfed Maize Cultivation in Kenya Using a Maximum Entropy (MaxENT) Approach. Agronomy, 2019, 9, 727.	3.0	46
96	Understanding water and land use within Tana and Athi River Basins in Kenya: opportunities for improvement. Sustainable Water Resources Management, 2019, 5, 977-987.	2.1	17
97	MIC for reliable and efficient harvesting of solar energy. IET Power Electronics, 2019, 12, 267-275.	2.1	25
98	Detecting Dubas bug infestations using high resolution multispectral satellite data in Oman. Computers and Electronics in Agriculture, 2019, 157, 1-11.	7.7	8
99	Evaluating the application of the statistical index method in flood susceptibility mapping and its comparison with frequency ratio and logistic regression methods. Geomatics, Natural Hazards and Risk, 2019, 10, 79-101.	4.3	130
100	Monitoring river channel dynamics using remote sensing and GIS techniques. Geomorphology, 2019, 325, 92-102.	2.6	101
101	An assessment of the impact of urbanization and land use changes in the fast-growing cities of Saudi Arabia. Geocarto International, 2019, 34, 78-97.	3.5	32
102	Suitable areas of Phakopsora pachyrhizi, Spodoptera exigua, and their host plant Phaseolus vulgaris are projected to reduce and shift due to climate change. Theoretical and Applied Climatology, 2019, 135, 409-424.	2.8	10
103	A novel GIS-based ensemble technique for flood susceptibility mapping using evidential belief function and support vector machine: Brisbane, Australia. PeerJ, 2019, 7, e7653.	2.0	53
104	Future climate and habitat distribution of Himalayan Musk Deer (Moschus chrysogaster). Ecological Informatics, 2018, 44, 101-108.	5.2	29
105	Invasive alien plant species dynamics in the Himalayan region under climate change. Ambio, 2018, 47, 697-710.	5.5	117
106	An analysis of sensitivity of CLIMEX parameters in mapping species potential distribution and the broad-scale changes observed with minor variations in parameters values: an investigation using open-field Solanum lycopersicum and Neoleucinodes elegantalis as an example. Theoretical and Applied Climatology, 2018, 132, 135-144.	2.8	15
107	Soil salinity and vegetation cover change detection from multi-temporal remotely sensed imagery in Al Hassa Oasis in Saudi Arabia. Geocarto International, 2018, 33, 830-846.	3.5	34
108	Remote Sensing of a Shallow, Fringing Reef Platform for Analysis of Island Sector Susceptibility and Development of a Coastal Vulnerability Index. Journal of Coastal Research, 2018, 341, 122-135.	0.3	10

#	Article	IF	Citations
109	Deriving the rainfall threshold for shallow landslide early warning during tropical cyclones: a case study in northern Philippines. Natural Hazards, 2018, 90, 921-941.	3.4	15
110	The spatial distribution of crime and population density in Saudi Arabia. Crime Prevention and Community Safety, 2018, 20, 30-46.	0.9	7
111	A review of data assimilation of remote sensing and crop models. European Journal of Agronomy, 2018, 92, 141-152.	4.1	325
112	Reliability Analysis of a Novel Fault Tolerant Multilevel Inverter Topology. , 2018, , .		3
113	Relationship of Date Palm Tree Density to Dubas Bug Ommatissus lybicus Infestation in Omani Orchards. Agriculture (Switzerland), 2018, 8, 64.	3.1	11
114	Fault Tolerance and Energy Sharing Analysis of a Single Phase Multilevel Inverter Topology. , 2018, , .		3
115	Mapping tidal channel dynamics in the Sundarbans, Bangladesh, between 1974 and 2017, and implications for the sustainability of the Sundarbans mangrove forest. Environmental Monitoring and Assessment, 2018, 190, 582.	2.7	9
116	Google Earth Engine Applications Since Inception: Usage, Trends, and Potential. Remote Sensing, 2018, 10, 1509.	4.0	402
117	Spatial assessment of soil erosion in a hilly watershed of Western Nepal. Environmental Earth Sciences, 2018, 77, 1.	2.7	37
118	Diffuse Skylight as a Surrogate for Shadow Detection in High-Resolution Imagery Acquired Under Clear Sky Conditions. Remote Sensing, 2018, 10, 1185.	4.0	11
119	Does Solar Radiation Affect the Distribution of Dubas Bug (Ommatissus lybicus de Bergevin) Infestation. Agriculture (Switzerland), 2018, 8, 107.	3.1	5
120	Climate change and potential impacts on agriculture in Bhutan: a discussion of pertinent issues. Agriculture and Food Security, 2018, 7, .	4.2	51
121	Mapping global risk levels of Bemisia tabaci in areas of suitability for open field tomato cultivation under current and future climates. PLoS ONE, 2018, 13, e0198925.	2.5	50
122	The application of a Dempster–Shafer-based evidential belief function in flood susceptibility mapping and comparison with frequency ratio and logistic regression methods. Environmental Earth Sciences, 2018, 77, 1.	2.7	84
123	Development of fault–tolerant MLI topology. IET Power Electronics, 2018, 11, 1416-1424.	2.1	38
124	Dry stress decreases areas suitable for Neoleucinodes elegantalis (Lepidoptera: Crambidae) and affects its survival under climate predictions in South America. Ecological Informatics, 2018, 46, 103-113.	5.2	8
125	Impact of climate-smart agriculture adoption on the food security of coastal farmers in Bangladesh. Food Security, 2018, 10, 1073-1088.	5.3	70
126	Fundamentals of Power Electronics Controlled Electric Propulsion. , 2018, , 1023-1065.		25

#	Article	IF	Citations
127	An indicative index of physical susceptibility of small islands to coastal erosion induced by climate change: an application to the Pacific islands. Geomatics, Natural Hazards and Risk, 2018, 9, 691-702.	4.3	20
128	Single and multi switch fault tolerant topology of multi level inverter. , 2018, , .		3
129	A comparative modeling study on non-climatic and climatic risk assessment on Asian Tiger Mosquito (*Aedes albopictus*). PeerJ, 2018, 6, e4474.	2.0	17
130	Impacts of climate change on infestations of Dubas bug (Ommatissus lybicus Bergevin) on date palms in Oman. PeerJ, 2018, 6, e5545.	2.0	12
131	Historical evidence of climatic variability and changes, and its effect on high-altitude regions: insights from Rara and Langtang, Nepal. International Journal of Sustainable Development and World Ecology, 2017, 24, 471-484.	5.9	14
132	Variances in the projections, resulting from CLIMEX, Boosted Regression Trees and Random Forests techniques. Theoretical and Applied Climatology, 2017, 129, 801-814.	2.8	12
133	Potential risk levels of invasive *Neoleucinodes elegantalis* (small tomato borer) in areas optimal for open‐field *Solanum lycopersicum* (tomato) cultivation in the present and under predicted climate change. Pest Management Science, 2017, 73, 616-627.	3.4	33
134	Leucine-rich repeat containing 8A (LRRC8A) –dependent volume-regulated anion channel activity is dispensable for T-cell development and function. Journal of Allergy and Clinical Immunology, 2017, 140, 1651-1659.e1.	2.9	36
135	Are research efforts on Animalia in the South Pacific associated with the conservation status or population trends?. Journal for Nature Conservation, 2017, 39, 1-36.	1.8	2
136	The greening of the Himalayas and Tibetan Plateau under climate change. Global and Planetary Change, 2017, 159, 77-92.	3.5	48
137	Surface Structure-Dependent Low Turn-On Electron Field Emission from Polypyrrole/Tin Oxide Hybrid Cathodes. ACS Omega, 2017, 2, 7515-7524.	3.5	14
138	Soil erosion susceptibility mapping for current and 2100 climate conditions using evidential belief function and frequency ratio. Geomatics, Natural Hazards and Risk, 2017, 8, 1695-1714.	4.3	28
139	Review of native vegetation condition assessment concepts, methods and future trends. Journal for Nature Conservation, 2017, 40, 12-23.	1.8	22
140	Global alterations in areas of suitability for maize production from climate change and using a mechanistic species distribution model (CLIMEX). Scientific Reports, 2017, 7, 5910.	3.3	120
141	Application of remote sensing and GIS-based hydrological modelling for flood risk analysis: a case study of District 8, Ho Chi Minh city, Vietnam. Geomatics, Natural Hazards and Risk, 2017, 8, 1792-1811.	4.3	55
142	Global risk levels for corn rusts (*Puccinia sorghi* and *Puccinia polysora*) under climate change projections. Journal of Phytopathology, 2017, 165, 563-574.	1.0	32
143	Climate change impacts on the threatened terrestrial vertebrates of the Pacific Islands. Scientific Reports, 2017, 7, 5030.	3.3	13
144	Spatio-temporal dynamic climate model for Neoleucinodes elegantalis using CLIMEX. International Journal of Biometeorology, 2017, 61, 785-795.	3.0	17

#	Article	IF	Citations
145	Nanocarrier-Assisted Antimicrobial Therapy Against Intracellular Pathogens. , 2017, , 293-324.		8
146	Estimating Biomass of Native Grass Grown under Complex Management Treatments Using WorldView-3 Spectral Derivatives. Remote Sensing, 2017, 9, 55.	4.0	45
147	Remote Sensing of Above-Ground Biomass. Remote Sensing, 2017, 9, 935.	4.0	153
148	Climate Variability and Mangrove Cover Dynamics at Species Level in the Sundarbans, Bangladesh. Sustainability, 2017, 9, 805.	3.2	12
149	Climate Modelling Shows Increased Risk to Eucalyptus sideroxylon on the Eastern Coast of Australia Compared to Eucalyptus albens. Plants, 2017, 6, 58.	3.5	13
150	Multiple Input Converter for Standalone Photovoltaic Applications. , 2017, , .		8
151	Temporal Variability and Trends of Rainfall and Streamflow in Tana River Basin, Kenya. Sustainability, 2017, 9, 1963.	3.2	39
152	People's Dependency on Wetlands: South Asia Perspective with Emphasis on Nepal. , 2017, , 407-419.		3
153	Vulnerability and impacts of climate change on forest and freshwater wetland ecosystems in Nepal: A review. Ambio, 2017, 46, 915-930.	5.5	41
154	Future malaria spatial pattern based on the potential global warming impact in South and Southeast Asia. Geospatial Health, 2016, 11, 416.	0.8	15
155	A Method for Exploring the Link between Urban Area Expansion over Time and the Opportunity for Crime in Saudi Arabia. Remote Sensing, 2016, 8, 863.	4.0	14
156	Mapping Long-Term Changes in Mangrove Species Composition and Distribution in the Sundarbans. Forests, 2016, 7, 305.	2.1	63
157	Spatiotemporal Modeling of Urban Growth Predictions Based on Driving Force Factors in Five Saudi Arabian Cities. ISPRS International Journal of Geo-Information, 2016, 5, 139.	2.9	21
158	Rank-Based Methods for Selection of Landscape Metrics for Land Cover Pattern Change Detection. Remote Sensing, 2016, 8, 107.	4.0	23
159	Urban Land Cover Change Modelling Using Time-Series Satellite Images: A Case Study of Urban Growth in Five Cities of Saudi Arabia. Remote Sensing, 2016, 8, 838.	4.0	57
160	Estimation of Winter Wheat Biomass and Yield by Combining the AquaCrop Model and Field Hyperspectral Data. Remote Sensing, 2016, 8, 972.	4.0	71
161	Tourism and wetland conservation: application of travel cost and willingness to pay an entry fee at Ghodaghodi Lake Complex, Nepal. Natural Resources Forum, 2016, 40, 51-61.	3.6	22
162	Gold nanoparticles prepared by electro-exploding wire technique in aqueous solutions. AIP Conference Proceedings, 2016, , .	0.4	0

#	Article	IF	Citations
163	Role of disulfide linkage in action of bis(dialkylaminethiocarbonyl)disulfides as potent double-Edged microbicidal spermicide: Design, synthesis and biology. European Journal of Medicinal Chemistry, 2016, 115, 275-290.	5.5	14
164	Will climate change impact the potential distribution of a native vine (*Merremia peltata*) which is behaving invasively in the Pacific region?. Ecology and Evolution, 2016, 6, 742-754.	1.9	7
165	Assessment of climate change impacts on river hydrology and habitat suitability of Oxynoemacheilus bergianus. Case study: Kordan River, Iran. Hydrobiologia, 2016, 771, 83-100.	2.0	13
166	Assessing collaborative, privately managed biodiversity conservation derived from an offsets program: Lessons from the Southern Mallee of New South Wales, Australia. Land Use Policy, 2016, 59, 59-70.	5.6	8
167	Spatiotemporal patterns of urban change and associated environmental impacts in five Saudi Arabian cities: A case study using remote sensing data. Habitat International, 2016, 58, 75-88.	5.8	19
168	Habitat selection by a despotic passerine, the Bell Miner (Manorina melanophrys): When restoring habitat through Lantana (Lantana camara) removal is not enough. Ecological Management and Restoration, 2016, 17, 81-84.	1.5	9
169	A comparison of absolute performance of different correlative and mechanistic species distribution models in an independent area. Ecology and Evolution, 2016, 6, 5973-5986.	1.9	193
170	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. Journal of Experimental Medicine, 2016, 213, 2147-2166.	8.5	79
171	Modelling the current and potential future distributions of the sunn pest *Eurygaster integriceps* (Hemiptera: Scutelleridae) using CLIMEX. Pest Management Science, 2016, 72, 1989-2000.	3.4	23
172	Changing global risk of invading greenbug Schizaphis graminum under climate change. Crop Protection, 2016, 88, 137-148.	2.1	33
173	Classifying Pacific islands. Geoscience Letters, 2016, 3, .	3.3	46
174	Effects of climate change on economic feasibility of future date palm production: An integrated assessment in Iran. Human and Ecological Risk Assessment (HERA), 2016, 22, 1268-1287.	3.4	3
175	Applications of Rapid Evaluation of Metapopulation Persistence (REMP) in Conservation Planning for Vulnerable Fauna Species. Environmental Management, 2016, 57, 1281-1291.	2.7	6
176	Crop niche modeling projects major shifts in common bean growing areas. Agricultural and Forest Meteorology, 2016, 218-219, 102-113.	4.8	62
177	Projected future distribution of date palm and its potential use in alleviating micronutrient deficiency. Journal of the Science of Food and Agriculture, 2016, 96, 1132-1140.	3.5	26
178	Remote Sensing Derived Fire Frequency, Soil Moisture and Ecosystem Productivity Explain Regional Movements in Emu over Australia. PLoS ONE, 2016, 11, e0147285.	2.5	3
179	Are Immigrants More Likely to Be Involved in Criminal Activity in Saudi Arabia?. Open Journal of Social Sciences, 2016, 04, 170-186.	0.3	4
180	Future climate effects on suitability for growth of oil palms in Malaysia and Indonesia. Scientific Reports, 2015, 5, 14457.	3.3	73

#	Article	IF	Citations
181	Innovative Disulfide Esters of Dithiocarbamic Acid as Women–Controlled Contraceptive Microbicides: A Bioisosterism Approach. ChemMedChem, 2015, 10, 1739-1753.	3.2	8
182	Ecological research in <scp>A</scp>ustralia: Identifying links <i>versus</i> gaps between hotspots of ecological research and biodiversity. Austral Ecology, 2015, 40, 581-590.	1.5	1
183	Developing a Relative Ranking of Social Vulnerability of Governorates of Yemen to Humanitarian Crisis. ISPRS International Journal of Geo-Information, 2015, 4, 1913-1935.	2.9	9
184	Impact of sintering temperature on structural, optical and ferroelectric properties of V-doped ZnO. Materials Research Express, 2015, 2, 045901.	1.6	7
185	DISTRIBUTION OF DATE PALMS IN THE MIDDLE EAST BASED ON FUTURE CLIMATE SCENARIOS. Experimental Agriculture, 2015, 51, 244-263.	0.9	16
186	Special Section Guest Editorial: Advances in Remote Sensing for Renewable Energy Development: Challenges and Perspectives. Journal of Applied Remote Sensing, 2015, 9, 097601.	1.3	1
187	An analysis of willingness to pay for community-based conservation activities at the Ghodaghodi Lake Complex, Nepal. International Journal of Biodiversity Science, Ecosystem Services & Management, 2015, 11, 341-348.	2.9	19
188	Modeling Laminar Pulsatile Flow for Superior Cleaning of Fouling Layers. Industrial & Engineering Chemistry Research, 2015, 54, 10893-10900.	3.7	2
189	Synthesis of Dithiocarbamates Containing Disulfide Linkage Using Cyclic Trithiocarbonate and Amines under Solvent–Catalyst Free Condition. Journal of Heterocyclic Chemistry, 2015, 52, 156-162.	2.6	5
190	Monitoring the coastline change of Hatiya Island in Bangladesh using remote sensing techniques. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 101, 137-144.	11.1	159
191	Should species distribution models use only native or exotic records of existence or both?. Ecological Informatics, 2015, 29, 57-65.	5.2	21
192	Exposure of coastal built assets in the South Pacific to climate risks. Nature Climate Change, 2015, 5, 992-996.	18.8	57
193	Sustainable livelihoods through conservation of wetland resources: a case of economic benefits from Ghodaghodi Lake, western Nepal. Ecology and Society, 2015, 20, .	2.3	76
194	Rapid appraisal of rainfall threshold and selected landslides in Baguio, Philippines. Natural Hazards, 2015, 78, 1587-1607.	3.4	24
195	A geo-statistical approach to model Asiatic cheetah, onager, gazelle and wild sheep shared niche and distribution in Turan biosphere reserve-Iran. Ecological Informatics, 2015, 29, 25-32.	5.2	12
196	Using object-based hierarchical classification to extract land use land cover classes from high-resolution satellite imagery in a complex urban area. Journal of Applied Remote Sensing, 2015, 9, 096052.	1.3	18
197	Review of the use of remote sensing for biomass estimation to support renewable energy generation. Journal of Applied Remote Sensing, 2015, 9, 097696.	1.3	120
198	A modelling implementation of climate change on biodegradation of Low-Density Polyethylene (LDPE) by Aspergillus niger in soil. Global Ecology and Conservation, 2015, 4, 388-398.	2.1	21

#	ARTICLE	IF	CITATIONS
199	Hybrid topology of symmetrical multilevel inverter using less number of devices. IET Power Electronics, 2015, 8, 2125-2135.	2.1	99
200	Role of oxidative stress & transient receptor potential in chronic obstructive pulmonary disease. Indian Journal of Medical Research, 2015, 142, 245.	1.0	9
201	Sub-Compartment Variation in Tree Height, Stem Diameter and Stocking in a Pinus radiata D. Don Plantation Examined Using Airborne LiDAR Data. Remote Sensing, 2014, 6, 7592-7609.	4.0	22
202	Climate change and the potential global distribution of Aedes aegypti: spatial modelling using geographical information system and CLIMEX. Geospatial Health, 2014, 8, 405.	0.8	98
203	Processing temperature driven morphological evolution of ZnO nanostructures prepared by electro-exploding wire technique. Materials Research Express, 2014, 1, 015045.	1.6	7
204	A comprehensive study of electric propulsion system for vehicular application. Journal of Renewable and Sustainable Energy, 2014, 6, 022701.	2.0	2
205	Diversity, Uses, and Threats in the Ghodaghodi Lake Complex, a Ramsar Site in Western Lowland Nepal. ISRN Biodiversity, 2014, 2014, 1-12.	0.5	10
206	Fabrication of PANI/ZnO heterojunction. , 2014, , .		0
207	Improving image classification in a complex wetland ecosystem through image fusion techniques. Journal of Applied Remote Sensing, 2014, 8, 083616.	1.3	26
208	Design and synthesis of substituted morpholin/piperidin-1-yl-carbamodithioates as promising vaginal microbicides with spermicidal potential. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5782-5786.	2.2	11
209	Water policy in Jordan. International Journal of Water Resources Development, 2014, 30, 322-334.	2.0	9
210	Mapping hotspots of underground water quality based on the variation of chemical concentration in Amman, Zarqa and Balqa regions, Jordan. Environmental Earth Sciences, 2014, 71, 2309-2317.	2.7	5
211	Identifying curvature of overpass mountain roads in Iran from high spatial resolution remote sensing data. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 21-25.	2.8	4
212	Polymeric microparticles-based formulation for the eradication of cutaneous candidiasis: development and characterization. Pharmaceutical Development and Technology, 2014, 19, 318-325.	2.4	15
213	Projecting date palm distribution in Iran under climate change using topography, physicochemical soil properties, soil taxonomy, land use, and climate data. Theoretical and Applied Climatology, 2014, 118, 553-567.	2.8	17
214	Airborne LiDAR derived canopy height model reveals a significant difference in radiata pine (Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 733-744.	1.9	27
215	Immobilization of xylanase purified from Bacillus pumilus VLK-1 and its application in enrichment of orange and grape juices. Journal of Food Science and Technology, 2014, 51, 1737-1749.	2.8	48
216	Modulation of xylanase production from alkaliphilic Bacillus pumilus VLK-1 through process optimization and temperature shift operation. 3 Biotech, 2014, 4, 345-356.	2.2	33

#	Article	IF	Citations
217	Modeling the potential distribution of sun bear in Krau wildlife reserve, Malaysia. Ecological Informatics, 2014, 20, 27-32.	5.2	13
218	Vegetation, terrain and fire history shape the impact of extreme weather on fire severity and ecosystem response. Journal of Vegetation Science, 2014, 25, 1033-1044.	2.2	71
219	Time-series effective habitat area (EHA) modeling using cost-benefit raster based technique. Ecological Informatics, 2014, 19, 16-25.	5.2	10
220	A repertoire of biomarkers helps in detection and assessment of therapeutic response in epithelial ovarian cancer. Molecular and Cellular Biochemistry, 2014, 386, 259-269.	3.1	15
221	DBH and height show significant correlation with incoming solar radiation: a case study of a radiata pine (Pinus radiataD. Don) plantation in New South Wales, Australia. GIScience and Remote Sensing, 2014, 51, 427-444.	5.9	7
222	Colonization and Biodegradation of â€‰Photo-Oxidized Low-Density Polyethylene (LDPE) by New Strains of<i>Aspergillus</i>sp. and<i>Lysinibacillus</i>sp.. Bioremediation Journal, 2014, 18, 213-226.	2.0	15
223	Climate Change and Weed Impacts on Small Island Ecosystems:<i>Lantana camara</i>L. (Magnoliopsida:) Tj ETQq1 1 0.784314 rgBT	0.6	7
224	Future distributions of Fusarium oxysporum f. spp. in European, Middle Eastern and North African agricultural regions under climate change. Agriculture, Ecosystems and Environment, 2014, 197, 96-105.	5.3	62
225	Thermal co-simulation of depressed collector of a TWT using CST studio. , 2014, , .		7
226	Novel alkylphospholipid-DTC hybrids as promising agents against endocrine related cancers acting via modulation of Akt-pathway. European Journal of Medicinal Chemistry, 2014, 85, 638-647.	5.5	13
227	Mapping salt-marsh land-cover vegetation using high-spatial and hyperspectral satellite data to assist wetland inventory. GIScience and Remote Sensing, 2014, 51, 483-497.	5.9	41
228	Binding of the WASP/N-WASP-Interacting Protein WIP to Actin Regulates Focal Adhesion Assembly and Adhesion. Molecular and Cellular Biology, 2014, 34, 2600-2610.	2.3	18
229	Assessing soil salinity using soil salinity and vegetation indices derived from IKONOS high-spatial resolution imageries: Applications in a date palm dominated region. Geoderma, 2014, 230-231, 1-8.	5.1	221
230	Leucine-rich repeat containing 8A (LRRC8A) is essential for T lymphocyte development and function. Journal of Experimental Medicine, 2014, 211, 929-942.	8.5	95
231	Impact of local slope and aspect assessed from LiDAR records on tree diameter in radiata pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Over	2.0	17
232	Electric propulsion system for electric vehicular technology: A review. Renewable and Sustainable Energy Reviews, 2014, 29, 924-940.	16.4	122
233	Improvement to the prediction of the USLE K factor. Geomorphology, 2014, 204, 229-234.	2.6	63
234	Oleic acid vesicles: a new approach for topical delivery of antifungal agent. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 95-101.	2.8	58

#	Article	IF	Citations
235	Mapping and Modelling Spatial Variation in Soil Salinity in the Al Hassa Oasis Based on Remote Sensing Indicators and Regression Techniques. Remote Sensing, 2014, 6, 1137-1157.	4.0	115
236	Impacts of Climate-Change-Driven Sea Level Rise on Intertidal Rocky Reef Habitats Will Be Variable and Site Specific. PLoS ONE, 2014, 9, e86130.	2.5	17
237	Sensitivity Analysis of CLIMEX Parameters in Modeling Potential Distribution of Phoenix dactylifera L.. PLoS ONE, 2014, 9, e94867.	2.5	26
238	Land Use and Land Cover Change Detection in the Saudi Arabian Desert Cities of Makkah and Al-Taif Using Satellite Data. Advances in Remote Sensing, 2014, 03, 106-119.	0.9	51
239	Landscape of ecological research in <scp>A</scp>ustralia: A bibliometric analysis of trends in research output and hotspots of research from 1991 to 2010. Austral Ecology, 2013, 38, 599-608.	1.5	3
240	A multiple source DC/DC converter topology. International Journal of Electrical Power and Energy Systems, 2013, 51, 278-291.	5.5	55
241	Impact of interfacial interactions on optical and ammonia sensing in zinc oxide/polyaniline structures. Bulletin of Materials Science, 2013, 36, 647-652.	1.7	25
242	An Infant with Milky Blood : An Unusual but Treatable Case of Familial Hyperlipidemia. Indian Journal of Clinical Biochemistry, 2013, 28, 206-209.	1.9	9
243	A New Route to Glucose Sensing Based on Surface Plasmon Resonance Using Polyindole. Plasmonics, 2013, 8, 487-494.	3.4	21
244	Two cavity W-band sheet beam extended interaction klystron simulation. , 2013, , .		3
245	Folded meander-line slow-wave structure for millimeter-wave TWTs. , 2013, , .		8
246	C3a receptor promotes viral containment in mice inoculated with vaccinia virus at sites of allergic skin inflammation. Journal of Allergy and Clinical Immunology, 2013, 132, 746-748.e3.	2.9	0
247	Independent two-step thresholding of binary images in inter-annual land cover change/no-change identification. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 81, 31-43.	11.1	27
248	Azole–carbodithioate hybrids as vaginal anti-Candida contraceptive agents: Design, synthesis and docking studies. European Journal of Medicinal Chemistry, 2013, 70, 68-77.	5.5	20
249	Fine-Scale Three-Dimensional Habitat Mapping as a Biodiversity Conservation Tool for Intertidal Rocky Reefs. Journal of Coastal Research, 2013, 290, 1184-1190.	0.3	7
250	Potential distribution of an invasive species under climate change scenarios using CLIMEX and soil drainage: A case study of Lantana camara L. in Queensland, Australia. Journal of Environmental Management, 2013, 114, 414-422.	7.8	53
251	Purification, bio-chemical characterization, homology modeling and active site binding mode interactions of thermo-alkali-tolerant Î²-1,4 endoxylanase from Coprinus cinereus LK-D-NCIM-1369. Biocatalysis and Agricultural Biotechnology, 2013, 2, 267-277.	3.1	10
252	Design and RF Characterization of W-band Meander-Line and Folded-Waveguide Slow-Wave Structures for TWTs. IEEE Transactions on Electron Devices, 2013, 60, 1769-1775.	3.0	33

#	Article	IF	Citations
253	Multiple‑input DC/DC converter topology for hybrid energy system. IET Power Electronics, 2013, 6, 1483-1501.	2.1	110
254	Binary images in seasonal land-cover change identification: a comparative study in parts of New South Wales, Australia. International Journal of Remote Sensing, 2013, 34, 2162-2186.	2.9	13
255	Effect of rounding off elevation values on the calculation of aspect and slope from a gridded digital elevation model. Journal of Spatial Science, 2013, 58, 91-100.	1.5	6
256	Markov Land Cover Change Modeling Using Pairs of Time-Series Satellite Images. Photogrammetric Engineering and Remote Sensing, 2013, 79, 1037-1051.	0.6	22
257	Risk Levels of Invasive Fusarium oxysporum f. sp. in Areas Suitable for Date Palm (Phoenix dactylifera) Cultivation under Various Climate Change Projections. PLoS ONE, 2013, 8, e83404.	2.5	37
258	Designed Chemical Intervention with Thiols for Prophylactic Contraception. PLoS ONE, 2013, 8, e67365.	2.5	7
259	Use of CLIMEX, Land use and Topography to Refine Areas Suitable for Date Palm Cultivation in Spain under Climate Change Scenarios. Journal of Earth Science & Climatic Change, 2013, 04, .	0.2	5
260	Investigating the Use of Remote Sensing and GIS Techniques to Detect Land Use and Land Cover Change: A Review. Advances in Remote Sensing, 2013, 02, 193-204.	0.9	75
261	Soil Salinity Mapping and Monitoring in Arid and Semi-Arid Regions Using Remote Sensing Technology: A Review. Advances in Remote Sensing, 2013, 02, 373-385.	0.9	256
262	Are there Monthly Variations in Water Quality in the Amman, Zarqa and Balqa Regions, Jordan?. Computational Water Energy and Environmental Engineering, 2013, 02, 26-35.	0.7	4
263	Remote Sensing and GIS Techniques for the Assessment of Biofuel and Biomass Energy Resources. Climate Change Management, 2013, , 283-294.	0.8	1
264	A new method for compression of remote sensing images based on an enhanced differential pulse code modulation transformation. ScienceAsia, 2013, 39, 546.	0.5	2
265	Optimal band selection from hyperspectral data forLantana camaradiscrimination. International Journal of Remote Sensing, 2012, 33, 5418-5437.	2.9	15
266	Three-date landsat thematic mapper composite in seasonal land-cover change identification in a mid-latitudinal region of diverse climate and land use. Journal of Applied Remote Sensing, 2012, 6, 063595.	1.3	8
267	Land cover change detection of Hatiya Island, Bangladesh, using remote sensing techniques. Journal of Applied Remote Sensing, 2012, 6, 063608.	1.3	23
268	SLP-76 is required for high-affinity IgE receptor- and IL-3 receptor-mediated activation of basophils. International Immunology, 2012, 24, 719-727.	4.0	4
269	A novel adaptive compression method for hyperspectral images by using EDT and particle swarm optimization. Proceedings of SPIE, 2012, , .	0.8	0
270	Seasonal Variation in Land-Cover Classification Accuracy in a Diverse Region. Photogrammetric Engineering and Remote Sensing, 2012, 78, 271-280.	0.6	14

#	Article	IF	Citations
271	Simulation study of resonant reflector for S-band BWO. Journal of Physics: Conference Series, 2012, 365, 012055.	0.4	6
272	Hotspots, research productivity and collaboration networks in remote sensing and GIS in Australia from 1991 to 2010. Journal of Spatial Science, 2012, 57, 101-113.	1.5	3
273	Gelation and Breakage Behavior of Model Wax–Oil Systems: Rheological Properties and Model Development. Industrial & Engineering Chemistry Research, 2012, 51, 8123-8133.	3.7	53
274	Gelation Behavior of Model Wax–Oil and Crude Oil Systems and Yield Stress Model Development. Energy & Fuels, 2012, 26, 6323-6331.	5.1	46
275	Immobilization of xylanase on glutaraldehyde activated aluminum oxide pellets for increasing digestibility of poultry feed. Process Biochemistry, 2012, 47, 1402-1410.	3.7	62
276	Sodium Lauryl Sulfate–Catalyzed Oxidative Chlorination of Aromatic Compounds. Synthetic Communications, 2012, 42, 3655-3663.	2.1	5
277	Bromination of Deactivated Aromatic Compounds with Sodium Bromide/Sodium Periodate under Mild Acidic Conditions. Industrial & Engineering Chemistry Research, 2012, 51, 11593-11597.	3.7	23
278	Efficient and Facile Chlorination of Industrially-Important Aromatic Compounds using NaCl/<i>p</i>-TsOH/NCS in Aqueous Media. Industrial & Engineering Chemistry Research, 2012, 51, 3881-3886.	3.7	36
279	Use of Darwinian Particle Swarm Optimization technique for the segmentation of Remote Sensing images. , 2012, , .		28
280	A novel multiple input DC-DC converter for electric vehicular applications. , 2012, , .		15
281	Aqueous Bromination Method for the Synthesis of Industrially-Important Intermediates Catalyzed by Micellar Solution of Sodium Dodecyl Sulfate (SDS). Industrial & Engineering Chemistry Research, 2012, 51, 2227-2234.	3.7	17
282	Assessing the risk for dengue fever based on socioeconomic and environmental variables in a geographical information system environment. Geospatial Health, 2012, 6, 171.	0.8	35
283	Potentiating Metronidazole Scaffold against Resistant Trichomonas: Design, Synthesis, Biology and 3D–QSAR Analysis. ACS Medicinal Chemistry Letters, 2012, 3, 83-87.	2.8	37
284	The importance of appropriate temporal and spatial scales for dengue fever control and management. Science of the Total Environment, 2012, 430, 144-149.	8.0	17
285	Climate Change and the Potential Distribution of an Invasive Shrub, Lantana camara L. PLoS ONE, 2012, 7, e35565.	2.5	90
286	Sensitivity Analysis of CLIMEX Parameters in Modelling Potential Distribution of Lantana camara L.. PLoS ONE, 2012, 7, e40969.	2.5	31
287	Climate Change Impacts on the Future Distribution of Date Palms: A Modeling Exercise Using CLIMEX. PLoS ONE, 2012, 7, e48021.	2.5	94
288	Predictive Modeling and Mapping of Malayan Sun Bear (Helarctos malayanus) Distribution Using Maximum Entropy. PLoS ONE, 2012, 7, e48104.	2.5	98

#	Article	IF	Citations
289	Land-Cover Change in Different Season using Landsat TM in parts of NSW. , 2012, , .		0
290	A new technique for seasonal land-cover change analysis using directional brightness differencing. GSTF Journal of Engineering Technology, 2012, 1, .	0.0	0
291	Climate change and invasive weeds â€" Modelling distribution of Lantana camara L.. GSTF Journal of Engineering Technology, 2012, 1, .	0.0	0
292	Environmentally-Benign and Rapid Bromination of Industrially-Important Aromatics Using an Aqueous CaBr2âˆ'Br2System as an Instant and Renewable Brominating Reagent. Industrial & Engineering Chemistry Research, 2011, 50, 705-712.	3.7	19
293	Arylpiperazines for Management of Benign Prostatic Hyperplasia: Design, Synthesis, Quantitative Structureâˆ'Activity Relationships, and Pharmacokinetic Studies. Journal of Medicinal Chemistry, 2011, 54, 302-311.	6.4	12
294	A simple method for the design of a coupler for helix TWTs. , 2011, , .		2
295	Hot stuffing of helical SWS by induction heating. , 2011, , .		0
296	Modeling spatio-temporal risk changes in the incidence of dengue fever in Saudi Arabia: a geographical information system case study. Geospatial Health, 2011, 6, 77.	0.8	34
297	Hyper production of alkali stable xylanase in lesser duration by Bacillus pumilus SV-85S using wheat bran under solid state fermentation. New Biotechnology, 2011, 28, 581-587.	4.4	44
298	Modeling dengue fever risk based on socioeconomic parameters, nationality and age groups: GIS and remote sensing based case study. Science of the Total Environment, 2011, 409, 4713-4719.	8.0	99
299	Discovery of novel antitubercular 3a,4-dihydro-3H-indeno[1,2-c]pyrazole-2-carboxamide/carbothioamide analogues. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5259-5261.	2.2	24
300	An instant and facile bromination of industrially-important aromatic compounds in water using recyclable CaBr2â€"Br2 system. Green Chemistry, 2011, 13, 2187.	9.0	37
301	Design and synthesis of 3-(azol-1-yl)phenylpropanes as microbicidal spermicides for prophylactic contraception. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 176-181.	2.2	16
302	Novel Trichomonacidal Spermicides. Antimicrobial Agents and Chemotherapy, 2011, 55, 4343-4351.	3.2	31
303	Mapping. Photogrammetric Engineering and Remote Sensing, 2010, 76, 691-700.	0.6	12
304	Imidazole derivatives as possible microbicides with dual protection. European Journal of Medicinal Chemistry, 2010, 45, 817-824.	5.5	35
305	Production and optimization of cellulase-free, alkali-stable xylanase by Bacillus pumilus SV-85S in submerged fermentation. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 71-83.	3.0	104
306	Simple Formulas for Stopband Attenuation Characteristics of Asymmetric Helical Slow-Wave Structures of Traveling-Wave Tubes. IEEE Transactions on Electron Devices, 2010, 57, 1447-1454.	3.0	7

#	Article	IF	Citations
307	Modeling the Potential Distribution of Pine Forests Susceptible to *Sirex Noctilio* Infestations in Mpumalanga, South Africa. Transactions in GIS, 2010, 14, 709-726.	2.3	45
308	Leaf level experiments to discriminate between eucalyptus species using high spectral resolution reflectance data: use of derivatives, ratios and vegetation indices. Geocarto International, 2010, 25, 327-344.	3.5	41
309	Cdc42 interacting protein 4 (CIP4) is essential for integrin-dependent T-cell trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16252-16256.	7.1	23
310	Instantaneous, Facile and Selective Synthesis of Tetrabromobisphenol A using Potassium Tribromide: An Efficient and Renewable Brominating Agent. Organic Process Research and Development, 2010, 14, 174-179.	2.7	17
311	P2-24: Numerical simulation of resonant loss in coupled-cavity SWS. , 2010, , .		0
312	14.5: PIC simulation of a gyrotron-traveling-wave tube amplifier. , 2010, , .		2
313	Characterization of vane-loaded cylindrical wave guiding structure using NRP technique by simulated experiment. , 2009, , .		0
314	WIP is critical for T cell responsiveness to IL-2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7519-7524.	7.1	22
315	Vaccinia virus inoculation in sites of allergic skin inflammation elicits a vigorous cutaneous IL-17 response. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14954-14959.	7.1	43
316	A thiol-activated lipase from Trichosporon asahii MSR 54: detergent compatibility and presoak formulation for oil removal from soiled cloth at ambient temperature. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 427-432.	3.0	13
317	A Simple and Accurate Analysis of Conductivity Loss in Millimeter-Wave Helical Slow-Wave Structures. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 381-392.	2.2	22
318	Chapter 3 Cellular and Molecular Mechanisms in Atopic Dermatitis. Advances in Immunology, 2009, 102, 135-226.	2.2	207
319	A Simple Closed-form Formula for Backward-Wave Start-Oscillation Condition for Millimeter-Wave Helix TWTs. Journal of Infrared, Millimeter and Terahertz Waves, 2008, 29, 608-616.	0.6	12
320	Analysis of Ï€-mode Stopband in an Asymmetric Millimeter-Wave Helical Slow-Wave Structure. Journal of Infrared, Millimeter and Terahertz Waves, 2008, 29, 1048-1059.	0.6	5
321	Carbodithioic acid esters of fluoxetine, a novel class of dual-function spermicides. European Journal of Medicinal Chemistry, 2008, 43, 2247-2256.	5.5	36
322	DETERMINING THE OPTIMAL SPATIAL RESOLUTION OF REMOTELY SENSED DATA FOR THE DETECTION OF *SIREX NOCTILIO* INFESTATIONS IN PINE PLANTATIONS IN KWAZULU-NATAL, SOUTH AFRICA. Southern African Geographical Journal, 2008, 90, 22-31.	1.8	22
323	Analysis of sever-loss in a helical slow-wave structure. , 2008, , .		5
324	TSLP acts on infiltrating effector T cells to drive allergic skin inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11875-11880.	7.1	219

#	Article	IF	Citations
325	A Simple Algorithm for Large-Signal Analysis of a Gyro-TWT. , 2007, , .		1
326	Effect of Integrated Nutrient Application in Chickpea Mustard Intercropping System in the Semi-arid Tropics of North India. Communications in Soil Science and Plant Analysis, 2007, 38, 229-240.	1.4	13
327	A novel anti-WIP monoclonal antibody detects an isoform of WIP that lacks the WASP binding domain. Biochemical and Biophysical Research Communications, 2007, 353, 875-881.	2.1	20
328	An Improved Wrap-around TE01-Mode converter for broad-band and higher efficiency. , 2007, , .		3
329	A comparison of reflectance characteristics of some Australian eucalyptus species based on high spectral resolution data â€" discriminating using the visible and NIR regions. Journal of Spatial Science, 2007, 52, 51-64.	1.5	35
330	Stability Analysis for Electron Beam Transport in Double-Periodic Permanent Magnet Focusing Structure. , 2007, , .		2
331	Analysis of Propagation Characteristics of Circular Corrugated Waveguides Using Coupled Integral Equation Technique. Electromagnetics, 2007, 27, 229-240.	0.7	4
332	Coalesced-mode Inductively Loaded Interdigital Structure for Broadband TWTs. , 2007, , .		0
333	Comparative assessment of the measures of thematic classification accuracy. Remote Sensing of Environment, 2007, 107, 606-616.	11.0	322
334	Analysis of a Chiral Dielectric Supported Broadband Helix Slow-Wave Structure for Millimeter-Wave TWTs. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 779-787.	0.6	6
335	Catchment-Wide Wetland Assessment and Prioritization Using the Multi-Criteria Decision-Making Method TOPSIS. Environmental Management, 2006, 38, 316-326.	2.7	35
336	A Hybrid Coordinated Checkpointing Protocol for Mobile Computing Systems. IETE Journal of Research, 2006, 52, 247-254.	2.6	10
337	Standardisation in Mapping and Monitoring of Invasive Alien Plant Species. Journal of Environmental Informatics, 2006, 7, 36-47.	6.0	0
338	A 10-aa-long sequence in SLP-76 upstream of the Gads binding site is essential for T cell development and function. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19063-19068.	7.1	9
339	Estimating tropical pasture quality at canopy level using band depth analysis with continuum removal in the visible domain. International Journal of Remote Sensing, 2005, 26, 1093-1108.	2.9	103
340	EFFECTS OF FIRE AND HERBIVORY ON THE STABILITY OF SAVANNA ECOSYSTEMS. Ecology, 2003, 84, 337-350.	3.2	585
341	Structural Requirements of SLP-76 in Signaling via the High-Affinity Immunoglobulin E Receptor (FcÎµRI) in Mast Cells. Molecular and Cellular Biology, 2003, 23, 2395-2406.	2.3	38
342	Differential role of SLP-76 domains in T cell development and function. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 884-889.	7.1	73

#	Article	IF	Citations
343	Imaging Spectrometry and Vegetation Science. Remote Sensing and Digital Image Processing, 2002, , 111-155.	0.7	73
344	Spatial Heterogeneity and Irreversible Vegetation Change in Semiarid Grazing Systems. American Naturalist, 2002, 159, 209-218.	2.1	144
345	Selfâ€Organization of Vegetation in Arid Ecosystems. American Naturalist, 2002, 160, 524-530.	2.1	608
346	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. Ecological Modelling, 2002, 149, 143-152.	2.5	27
347	Fine-scale spatial distribution of plants and resources on a sandy soil in the Sahel. Plant and Soil, 2002, 239, 69-77.	3.7	29
348	Imaging Spectrometry and Vegetation Science. , 2002, , 111-155.		15
349	Modelling topographic variation in solar radiation in a GIS environment. International Journal of Geographical Information Science, 1997, 11, 475-497.	4.8	433
350	Vegetation mapping and monitoring. , 0, , 97.		4