

Sangam Shrestha

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

5,798
citations

87843

38
h-index

91828

69
g-index

158
all docs

158
docs citations

158
times ranked

5349
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining suitable machine learning classifier technique for prediction of malaria incidents attributed to climate of Odisha. International Journal of Environmental Health Research, 2022, 32, 1716-1732.	1.3	11
2	Projected changes in the near-future mean climate and extreme climate events in northeast Thailand. International Journal of Climatology, 2022, 42, 2470-2492.	1.5	15
3	Multi-scale assessment of water security under climate change in North China in the past two decades. Science of the Total Environment, 2022, 805, 150103.	3.9	7
4	Integrated assessment of the landuse change and climate change impacts on the sediment yield in the Songkhram River Basin, Thailand. Catena, 2022, 209, 105859.	2.2	13
5	Spatio-temporal trend mapping of precipitation and its extremes across Afghanistan (1951â€“2010). Theoretical and Applied Climatology, 2022, 147, 605-626.	1.3	7
6	Investigating major causes of extreme floods using global datasets: A case of Nepal, USA & Thailand. Progress in Disaster Science, 2022, 13, 100212.	1.4	5
7	Effect of stocking density and tank colour on nursery growth performance, cannibalism and survival of the Asian seabass <i>Lates calcarifer</i> (Bloch, 1790) in a recirculating aquaculture system. Aquaculture Research, 2022, 53, 2472-2483.	0.9	4
8	Modification and upscaling of Sâ€W model based on vertical distributions of soil moisture and vegetation root biomass. Environmental Research, 2022, 208, 112765.	3.7	0
9	Groundwater governance: a review of the assessment methodologies. Environmental Reviews, 2022, 30, 202-216.	2.1	3
10	Evaluating the influence of different environmental water allocation schemes on the water level of a typical shallow lake in semiarid regions: From the perspective of an integrated modeling approach. Environmental Research, 2022, 212, 112991.	3.7	4
11	Impacts of climate and land-use change on groundwater recharge in the semi-arid lower Ravi River basin, Pakistan. Groundwater for Sustainable Development, 2022, 17, 100743.	2.3	20
12	A generalized methodology for ranking climate models based on climate indices for sector-specific studies: An application to the Mekong sub-basin. Science of the Total Environment, 2022, 829, 154551.	3.9	9
13	Assessing the future climate change, land use change, and abstraction impacts on groundwater resources in the Tak Special Economic Zone, Thailand. Environmental Research, 2022, 211, 113026.	3.7	5
14	Impacts of climate and land use change on groundwater recharge under shared socioeconomic pathways: A case of Siem Reap, Cambodia. Environmental Research, 2022, 211, 113070.	3.7	10
15	A novel ecohydrological model by capturing variations in climate change and vegetation coverage in a semi-arid region of China. Environmental Research, 2022, 211, 113085.	3.7	13
16	Site selection for managed aquifer recharge in the city of Kabul, Afghanistan, using a multi-criteria decision analysis and geographic information system. Hydrogeology Journal, 2022, 30, 59-78.	0.9	17
17	Spatiotemporal variations in evapotranspiration and its influencing factors in the semiarid Hailar river basin, Northern China. Environmental Research, 2022, 212, 113275.	3.7	7
18	Assessing alterations of water level due to environmental water allocation at multiple temporal scales and its impact on water quality in Baiyangdian Lake, China. Environmental Research, 2022, 212, 113366.	3.7	7

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19	Projecting the impact of human activities and climate change on water resources in the transboundary Sre Pok River Basin. <i>Climatic Change</i> , 2022, 172, .	1.7	2
20	Phytoplankton community variation and ecological health assessment for impounded lakes along the eastern route of China's South-to-North Water Diversion Project. <i>Journal of Environmental Management</i> , 2022, 318, 115561.	3.8	20
21	Analysing the variation in farmers's™ perceptions of climate change impacts on crop production and adaptation measures across the Ganges's™ Tidal Floodplain in Bangladesh. <i>Local Environment</i> , 2022, 27, 968-987.	1.1	3
22	Adapting hydropower production to climate change: A case study of Kulekhani Hydropower Project in Nepal. <i>Journal of Cleaner Production</i> , 2021, 279, 123483.	4.6	38
23	Climate change impact on water balance and hydrological extremes in different physiographic regions of the West Seti River Basin, Nepal. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 79-95.	1.0	21
24	Intensifying saline water intrusion and drought in the Mekong Delta: From physical evidence to policy outlooks. <i>Science of the Total Environment</i> , 2021, 757, 143919.	3.9	66
25	Multiple drivers of hydrological alteration in the transboundary Srepok River Basin of the Lower Mekong Region. <i>Journal of Environmental Management</i> , 2021, 278, 111524.	3.8	20
26	Toward sustainable development: Risk-informed and disaster-resilient development in Asia. , 2021, , 1-20.		1
27	Adaptation strategies for rainfed rice water management under climate change in Songkhram River Basin, Thailand. <i>Journal of Water and Climate Change</i> , 2021, 12, 2181-2198.	1.2	3
28	Predicting flood events in Kathmandu Metropolitan City under climate change and urbanisation. <i>Journal of Environmental Management</i> , 2021, 281, 111894.	3.8	24
29	Projecting Relative Sea Level Rise under Climate Change at the Phrachula Chomklao Fort Tide Gauge in the Upper Gulf of Thailand. <i>Water (Switzerland)</i> , 2021, 13, 1702.	1.2	7
30	Assessment of climate change impact on hydrology of a transboundary river of Bhutan and India. <i>Journal of Water and Climate Change</i> , 2021, 12, 3224-3239.	1.2	7
31	Evaluation of the CMIP5 general circulation models for simulating the precipitation and temperature of the Koshi River Basin in Nepal. <i>Journal of Water and Climate Change</i> , 2021, 12, 3282-3296.	1.2	7
32	Future hydrology and hydrological extremes under climate change in Asian river basins. <i>Scientific Reports</i> , 2021, 11, 17089.	1.6	15
33	Influence of climate change and anthropogenic factors on the Ile River basin streamflow, Kazakhstan. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	5
34	Evaluation of artificial intelligence models for flood and drought forecasting in arid and tropical regions. <i>Environmental Modelling and Software</i> , 2021, 144, 105136.	1.9	43
35	An application of GRACE mission datasets for streamflow and baseflow estimation in the Conterminous United States basins. <i>Journal of Hydrology</i> , 2021, 601, 126622.	2.3	9
36	Modeling water quantity and quality for a typical agricultural plain basin of northern China by a coupled model. <i>Science of the Total Environment</i> , 2021, 790, 148139.	3.9	22

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37	Climate and land-use change impacts on spatiotemporal variations in groundwater recharge: A case study of the Bangkok Area, Thailand. <i>Science of the Total Environment</i> , 2021, 792, 148370.	3.9	38
38	Evaluation of the CORDEX regional climate models (RCMs) for simulating climate extremes in the Asian cities. <i>Science of the Total Environment</i> , 2021, 797, 149137.	3.9	12
39	How the saline water intrusion has reshaped the agricultural landscape of the Vietnamese Mekong Delta, a review. <i>Science of the Total Environment</i> , 2021, 794, 148651.	3.9	45
40	Multivariate and multi-temporal analysis of meteorological drought in the northeast of Thailand. <i>Weather and Climate Extremes</i> , 2021, 34, 100399.	1.6	13
41	scIDS: Single-cell Imputation by combining Deep autoencoder neural networks and Subspace regression. , 2021, , .		0
42	Integrating satellite observations and human water use data to estimate changes in key components of terrestrial water storage in a semi-arid region of North China. <i>Science of the Total Environment</i> , 2020, 698, 134171.	3.9	16
43	Evaluation of Soil and Water Assessment Tool and Artificial Neural Network models for hydrologic simulation in different climatic regions of Asia. <i>Science of the Total Environment</i> , 2020, 701, 134308.	3.9	64
44	Establishing a time series trend structure model to mine potential hydrological information from hydrometeorological time series data. <i>Science of the Total Environment</i> , 2020, 698, 134227.	3.9	17
45	Anthropogenic influences on the water quality of the Baiyangdian Lake in North China over the last decade. <i>Science of the Total Environment</i> , 2020, 701, 134929.	3.9	85
46	Unraveling the sensitivity and nonlinear response of water use efficiency to the water-energy balance and underlying surface condition in a semiarid basin. <i>Science of the Total Environment</i> , 2020, 699, 134405.	3.9	14
47	Evaluation of land use change and its impact on water yield in Songkhram River basin, Thailand. <i>International Journal of River Basin Management</i> , 2020, 18, 23-31.	1.5	15
48	Effective saturation-based weighting for interblock hydraulic conductivity in unsaturated zone soil water flow modelling using one-dimensional vertical finite-difference model. <i>Journal of Hydroinformatics</i> , 2020, 22, 423-439.	1.1	0
49	Assessment of flood adaptive capacity of urban areas in Thailand. <i>Environmental Impact Assessment Review</i> , 2020, 81, 106363.	4.4	42
50	Evaluation of global land use/land cover products for hydrologic simulation in the Upper Yom River Basin, Thailand. <i>Science of the Total Environment</i> , 2020, 708, 135148.	3.9	19
51	Assessment of the impact of climate change and mining activities on streamflow and selected metal's loading in the Chindwin River, Myanmar. <i>Environmental Research</i> , 2020, 181, 108942.	3.7	24
52	Global evapotranspiration hiatus explained by vegetation structural and physiological controls. <i>Ecological Engineering</i> , 2020, 158, 106046.	1.6	4
53	Evaluation of adaptation options for reducing soil erosion due to climate change in the Swat River Basin of Pakistan. <i>Ecological Engineering</i> , 2020, 158, 106017.	1.6	16
54	Assessing social resilience of flood-vulnerable communities in Ayeyarwady Delta, Myanmar. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101745.	1.8	33

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55	Forecasting water demand under climate change using artificial neural network: a case study of Kathmandu Valley, Nepal. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 1823-1833.	1.0	8
56	Assessment of climate change impacts on water balance and hydrological extremes in Bang Pakong-Prachin Buri river basin, Thailand. <i>Environmental Research</i> , 2020, 186, 109544.	3.7	24
57	Modelling the impact of past and future climate scenarios on streamflow in a highly mountainous watershed: A case study in the West Seti River Basin, Nepal. <i>Science of the Total Environment</i> , 2020, 740, 140156.	3.9	19
58	Integrated assessment of extreme climate and landuse change impact on sediment yield in a mountainous transboundary watershed of India and Pakistan. <i>Journal of Mountain Science</i> , 2020, 17, 624-640.	0.8	6
59	Macrozoobenthos variations in shallow connected lakes under the influence of intense hydrologic pulse changes. <i>Journal of Hydrology</i> , 2020, 584, 124755.	2.3	18
60	Comparison of different quantile regression methods to estimate predictive hydrological uncertainty in the Upper Chao Phraya River Basin, Thailand. <i>Journal of Flood Risk Management</i> , 2020, 13, e12585.	1.6	5
61	Multimodelling approach to the assessment of climate change impacts on hydrology and river morphology in the Chindwin River Basin, Myanmar. <i>Catena</i> , 2020, 188, 104464.	2.2	22
62	Mapping groundwater resiliency under climate change scenarios: A case study of Kathmandu Valley, Nepal. <i>Environmental Research</i> , 2020, 183, 109149.	3.7	36
63	Projections of climatic extremes in a data poor transboundary river basin of India and Pakistan. <i>International Journal of Climatology</i> , 2020, 40, 4992-5010.	1.5	15
64	Trend, seasonality and relationships of aquatic environmental quality indicators and implications: An experience from Songhua River, NE China. <i>Ecological Engineering</i> , 2020, 145, 105706.	1.6	17
65	A new trend function-based regression kriging for spatial modeling of groundwater hydraulic heads under the sparse distribution of measurement sites. <i>Acta Geophysica</i> , 2020, 68, 751-772.	1.0	4
66	Impacts of land-use changes on the groundwater recharge in the Ho Chi Minh city, Vietnam. <i>Environmental Research</i> , 2020, 185, 109440.	3.7	52
67	A statistical approach towards defining national-scale meteorological droughts in India using crop data. <i>Environmental Research Letters</i> , 2020, 15, 094090.	2.2	10
68	Exploring the application of artificial intelligence technology for identification of water pollution characteristics and tracing the source of water quality pollutants. <i>Science of the Total Environment</i> , 2019, 693, 133440.	3.9	102
69	Vertical variations of soil water and its controlling factors based on the structural equation model in a semi-arid grassland. <i>Science of the Total Environment</i> , 2019, 691, 1016-1026.	3.9	49
70	Factors Driving Rice Land Change 1989–2018 in the Deli Serdang Regency, Indonesia. <i>Agriculture (Switzerland)</i> , 2019, 9, 186.	1.4	5
71	Effect of Water and Rice Straw Management Practices on Soil Organic Carbon Stocks in a Double-Cropped Paddy Field. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2330-2342.	0.6	1
72	Land use impact on the water quality of large tropical river: Mun River Basin, Thailand. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 614.	1.3	36

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73	Evaluation and application of a SWAT model to assess the climate change impact on the hydrology of the Himalayan River Basin. <i>Catena</i> , 2019, 181, 104082.	2.2	177
74	A multi-temporal analysis of streamflow using multiple CMIP5 GCMs in the Upper Ayerawaddy Basin, Myanmar. <i>Climatic Change</i> , 2019, 155, 59-79.	1.7	13
75	Effects of water and rice straw management practices on water savings and greenhouse gas emissions from a double-rice paddy field in the Central Plain of Thailand. <i>European Journal of Agronomy</i> , 2019, 107, 18-29.	1.9	41
76	Evaluation of climate change impacts and adaptation strategies on rainfed rice production in Songkhram River Basin, Thailand. <i>Science of the Total Environment</i> , 2019, 652, 189-201.	3.9	83
77	Fuzzy-based approach for evaluating groundwater sustainability of Asian cities. <i>Sustainable Cities and Society</i> , 2019, 44, 321-331.	5.1	22
78	How significant is sub-daily variability of rainfall for hydrological modelling of floods? A satellite based approach to sub-daily downscaling of gauged rainfall. <i>Meteorological Applications</i> , 2019, 26, 288-299.	0.9	7
79	Quantifying the sources of uncertainty in an ensemble of hydrological climate-impact projections. <i>Theoretical and Applied Climatology</i> , 2019, 135, 193-209.	1.3	67
80	Urban Flooding and Climate Change. <i>Environment and Urbanization ASIA</i> , 2018, 9, 86-100.	0.9	43
81	Evaluation of the SWAT model performance for simulating river discharge in the Himalayan and tropical basins of Asia. <i>Hydrology Research</i> , 2018, 49, 846-860.	1.1	40
82	Groundwater vulnerability to climate change: A review of the assessment methodology. <i>Science of the Total Environment</i> , 2018, 612, 853-875.	3.9	79
83	Precipitation Extended Linear Scaling Method for Correcting GCM Precipitation and Its Evaluation and Implication in the Transboundary Jhelum River Basin. <i>Atmosphere</i> , 2018, 9, 160.	1.0	18
84	Integrated assessment of the climate and landuse change impact on hydrology and water quality in the Songkhram River Basin, Thailand. <i>Science of the Total Environment</i> , 2018, 643, 1610-1622.	3.9	149
85	Climate change impacts on irrigation water requirement, crop water productivity and rice yield in the Songkhram River Basin, Thailand. <i>Journal of Cleaner Production</i> , 2018, 198, 1157-1164.	4.6	90
86	Editorial of special issue on climate change impact on water environment. <i>Science of the Total Environment</i> , 2018, 644, 474.	3.9	0
87	Projection of Climate Change Scenarios in the Kabul River Basin, Afghanistan. <i>Current Science</i> , 2018, 114, 1304.	0.4	19
88	Projections of Extreme Precipitation Events under Climate Change Scenarios in Mahaweli River Basin of Sri Lanka. <i>Current Science</i> , 2018, 114, 1495.	0.4	9
89	Climate change impact on groundwater recharge and suggested adaptation strategies for selected Asian cities. <i>APN Science Bulletin</i> , 2018, 8, .	0.2	6
90	Delineation of groundwater potential zones in the Comoro watershed, Timor Leste using GIS, remote sensing and analytic hierarchy process (AHP) technique. <i>Applied Water Science</i> , 2017, 7, 503-519.	2.8	193

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91	Assessment of climate change impact on water diversion strategies of Melamchi Water Supply Project in Nepal. <i>Theoretical and Applied Climatology</i> , 2017, 128, 311-323.	1.3	27
92	Quantifying the impact of climate change on crop yield and water footprint of rice in the Nam Oon Irrigation Project, Thailand. <i>Science of the Total Environment</i> , 2017, 599-600, 689-699.	3.9	74
93	The effects of cultivation methods and water regimes on root systems of drought-tolerant (RD6) and drought-sensitive (RD10) rice varieties of Thailand. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1198-1209.	1.3	33
94	Spatial and temporal variation in the trends of hydrological response of forested watersheds in Thailand. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	4
95	Model-based estimation of land subsidence in Kathmandu Valley, Nepal. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 974-996.	2.0	23
96	Evaluating the impacts of climate and land-use change on the hydrology and nutrient yield in a transboundary river basin: A case study in the 3S River Basin (Sekong, Sesan, and Srepok). <i>Science of the Total Environment</i> , 2017, 576, 586-598.	3.9	82
97	Flood hazard assessment under climate change scenarios in the Yang River Basin, Thailand. <i>International Journal of Sustainable Built Environment</i> , 2017, 6, 285-298.	3.2	61
98	Evaluation of index-overlay methods for groundwater vulnerability and risk assessment in Kathmandu Valley, Nepal. <i>Science of the Total Environment</i> , 2017, 575, 779-790.	3.9	77
99	Assessment of Climate Change Impact on Water Diversion from the Bago River to the Moeyingyi Wetland, Myanmar. <i>Current Science</i> , 2017, 112, 377.	0.4	7
100	Working Towards a Sustainable Future. <i>Eos</i> , 2017, 98, .	0.1	0
101	Adaptation strategies for rice cultivation under climate change in Central Vietnam. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 15-37.	1.0	55
102	Changes in Climate Extremes over North Thailand, 1960–2009. <i>Journal of Climatology</i> , 2016, 2016, 1-18.	0.7	26
103	Assessment of Climate Change Impact on Reservoir Inflows Using Multi Climate-Models under RCPs—The Case of Mangla Dam in Pakistan. <i>Water (Switzerland)</i> , 2016, 8, 389.	1.2	42
104	Climate change impacts on groundwater resources in Mekong Delta under representative concentration pathways (RCPs) scenarios. <i>Environmental Science and Policy</i> , 2016, 61, 1-13.	2.4	95
105	Modelling the potential impacts of climate change on hydrology of the Bago River Basin, Myanmar. <i>International Journal of River Basin Management</i> , 2016, 14, 287-297.	1.5	12
106	Land Use and Climate Change Impacts on the Hydrology of the Bago River Basin, Myanmar. <i>Environmental Modeling and Assessment</i> , 2016, 21, 819-833.	1.2	25
107	Modeling hydrologic responses to land management scenarios for the Chi River Sub-basin Part II, Northeast Thailand. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	11
108	Assessment of potential impacts of climate and land use changes on stream flow: a case study of the Nam Xong watershed in Lao PDR. <i>Journal of Water and Climate Change</i> , 2016, 7, 184-197.	1.2	11

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109	Assessment of risks due to climate change for the Upper Tamakoshi Hydropower Project in Nepal. <i>Climate Risk Management</i> , 2016, 14, 27-41.	1.5	36
110	Modelling the potential impacts of climate change on hydrology and water resources in the Indrawati River Basin, Nepal. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	55
111	Assessment of groundwater vulnerability and risk to pollution in Kathmandu Valley, Nepal. <i>Science of the Total Environment</i> , 2016, 556, 23-35.	3.9	137
112	Development of a land suitability model for saffron (<i>Crocus sativus</i> L.) cultivation in Khost Province of Afghanistan using GIS and AHP techniques. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 921-934.	1.3	24
113	Analysis of temperature projections in the Koshi River Basin, Nepal. <i>International Journal of Climatology</i> , 2016, 36, 266-279.	1.5	32
114	Water–energy–carbon nexus: a case study of Bangkok. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 889-897.	1.0	5
115	Evaluation of groundwater-based irrigation systems using a water–energy–food nexus approach: a case study from Southeast Nepal. <i>Journal of Applied Water Engineering and Research</i> , 2015, 3, 53-66.	1.0	17
116	Managing Water Resources under Climate Uncertainty. <i>Springer Water</i> , 2015, , .	0.2	12
117	Field measurements for evaluating the RZWQM and PESTFADE models for the tropical zone of Thailand. <i>Journal of Environmental Management</i> , 2015, 147, 286-296.	3.8	4
118	Assessment of surface water quality using multivariate statistical techniques: case study of the Nampong River and Songkhram River, Thailand. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 548.	1.3	104
119	Forecasting climate change impacts and evaluation of adaptation options for maize cropping in the hilly terrain of Himalayas: Sikkim, India. <i>Theoretical and Applied Climatology</i> , 2015, 121, 649-667.	1.3	48
120	Assessment of the climate-change impacts and evaluation of adaptation measures for paddy productivity in Quang Nam province, Vietnam. <i>Paddy and Water Environment</i> , 2015, 13, 241-253.	1.0	6
121	Assessment of the Impact of Climate Change on Water Availability in the Citarum River Basin, Indonesia: The Use of Statistical Downscaling and Water Planning Tools. , 2015, , 45-64.		4
122	Assessment of Water Availability under Climate Change Scenarios in Thailand. <i>Journal of Earth Science & Climatic Change</i> , 2014, 05, .	0.2	9
123	Assessment of surface water quality of Songkhram River (Thailand) using environmetric techniques. <i>International Journal of River Basin Management</i> , 2014, 12, 341-356.	1.5	12
124	Evaluation of the PESTFADE model using field-measured data from a sprinkler-irrigated soybean field in Pathumthani, Thailand. <i>Journal of Applied Water Engineering and Research</i> , 2014, 2, 57-69.	1.0	0
125	Evaluation of water use sustainability under future climate and irrigation management scenarios in Citarum River Basin, Indonesia. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 181-194.	3.2	15
126	Climate Change Impacts and Adaptation in Water Resources and Water Use Sectors. , 2014, , .		3

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127	Evaluation of the Root Zone Water Quality Model (RZWQM) Using Field-Measured Data from the Tropical Zone, Thailand. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	5
128	Impact of Climate Change on River Flow and Hydropower Production in Kulekhani Hydropower Project of Nepal. <i>Environmental Processes</i> , 2014, 1, 231-250.	1.7	57
129	Climate change impact on glacier and snow melt and runoff in Tamakoshi basin in the Hindu Kush Himalayan (HKH) region. <i>Journal of Hydrology</i> , 2014, 511, 49-60.	2.3	114
130	Assessment of climate change impacts on irrigation water requirement and rice yield for Ngamoeyeik Irrigation Project in Myanmar. <i>Journal of Water and Climate Change</i> , 2014, 5, 427-442.	1.2	24
131	Assessing groundwater resource and its sustainability in drought prone area of India. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_235-I_240.	0.0	1
132	Assessment of Water Availability Under Climate Change Scenarios in Thailand. , 2014, , 9-23.		7
133	Global Climate System, Energy Balance, and the Hydrological Cycle. , 2014, , 1-30.		1
134	A GIS-based methodology to delineate potential areas for groundwater development: a case study from Kathmandu Valley, Nepal. <i>Applied Water Science</i> , 2013, 3, 453-465.	2.8	33
135	Green, Blue and Grey Water Footprints of Primary Crops Production in Nepal. <i>Water Resources Management</i> , 2013, 27, 5223.	1.9	31
136	HOUSEHOLD COPING MEASURES WITH WATER SCARCITY: A CASE STUDY IN KATHMANDU, NEPAL. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2013, 69, III_73-III_81.	0.1	5
137	Identification of Nitrate Sources in Rainwater of Kathmandu Valley: a Chemical and Stable Isotopic Approach. <i>Journal of Water and Environment Technology</i> , 2013, 11, 377-389.	0.3	9
138	Impacts of climate change on irrigation water requirements for rice-wheat cultivation in Bagmati River Basin, Nepal. <i>Journal of Water and Climate Change</i> , 2013, 4, 422-439.	1.2	19
139	Simulating the Impact of Future Land Use and Climate Change on Soil Erosion and Deposition in the Mae Nam Nan Sub-Catchment, Thailand. <i>Sustainability</i> , 2013, 5, 3244-3274.	1.6	54
140	A Decision Support Tool for Selection of Suitable General Circulation Model and Future Climate Assessment. <i>Journal of Earth Science & Climatic Change</i> , 2012, 03, .	0.2	1
141	A framework to assess adaptive capacity of the water resources system in Nepalese river basins. <i>Ecological Indicators</i> , 2011, 11, 480-488.	2.6	62
142	A framework for measuring groundwater sustainability. <i>Environmental Science and Policy</i> , 2011, 14, 396-407.	2.4	80
143	Assessment of Deep Groundwater Quality in Kathmandu Valley Using Multivariate Statistical Techniques. <i>Water, Air, and Soil Pollution</i> , 2010, 210, 277-288.	1.1	51
144	Vulnerability of freshwater resources in large and medium Nepalese river basins to environmental change. <i>Water Science and Technology</i> , 2010, 61, 1525-1534.	1.2	33

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145	Spatial distribution of arsenic in the intertidal sediments of River Scheldt, Belgium. <i>Environment International</i> , 2009, 35, 461-465.	4.8	14
146	Arsenic occurrence in groundwater of Kathmandu Valley, Nepal. <i>Desalination and Water Treatment</i> , 2009, 4, 248-254.	1.0	27
147	A framework for estimating pollutant export coefficients from long-term in-stream water quality monitoring data. <i>Environmental Modelling and Software</i> , 2008, 23, 182-194.	1.9	76
148	Catchment scale modelling of point source and non-point source pollution loads using pollutant export coefficients determined from long-term in-stream monitoring data. <i>Journal of Hydro-Environment Research</i> , 2008, 2, 134-147.	1.0	32
149	Use of principal component analysis, factor analysis and discriminant analysis to evaluate spatial and temporal variations in water quality of the Mekong River. <i>Journal of Hydroinformatics</i> , 2008, 10, 43-56.	1.1	61
150	The assessment of spatial and temporal transferability of a physically based distributed hydrological model parameters in different physiographic regions of Nepal. <i>Journal of Hydrology</i> , 2007, 347, 153-172.	2.3	36
151	Effects of groundwater recharge on nitrate-nitrogen loadings. <i>Journal of Water and Environment Technology</i> , 2007, 5, 87-93.	0.3	3
152	Assessment of surface water quality using multivariate statistical techniques: A case study of the Fuji river basin, Japan. <i>Environmental Modelling and Software</i> , 2007, 22, 464-475.	1.9	1,281
153	Evaluation of annualized agricultural nonpoint source model for a watershed in the Siwalik Hills of Nepal. <i>Environmental Modelling and Software</i> , 2006, 21, 961-975.	1.9	58