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#	Paper IF	Citations
2163	The Tropical Ocean-Global Atmosphere observing system: A decade of progress. <i>Journal of Geophysical Research</i> , 1998 , 103, 14169-14240	745
2162	ENSO theory. Journal of Geophysical Research, 1998, 103, 14261-14290	705
2161	Influence of El Niño on the 1997 Indian Summer Monsoon. 1999 , 77, 1023-1037	12
2160	High-frequency oscillations of the last 70,000 years in the tropical/subtropical and polar climates. 1999 , 113-126	10
2159	A broad-scale circulation index for the interannual variability of the Indian summer monsoon. 1999 , 125, 611-633	317
2158	The effect of land-surface feedbacks on the monsoon circulation. 1999 , 125, 1527-1550	36
2157	Climatic trends and periodicities of annual rainfall over India. 1999 , 6, 395-404	28
2156	Coupled ocean-atmosphere dynamics in the Indian Ocean during 1997-98. 1999 , 401, 356-60	1507
2155	On the weakening relationship between the indian monsoon and ENSO. 1999 , 284, 2156-9	1122
2154	Effects of sea surface temperature and large-scale dynamics on the thermodynamic equilibrium state and convection over the tropical western Pacific. <i>Journal of Geophysical Research</i> , 1999 , 104, 6093-6100	0 ²⁰
2153	Throughflow within Makassar Strait. 1999 , 26, 3325-3328	147
2152	Onset of the Somali Jet in the Arabian Sea during June 1997. <i>Journal of Geophysical Research</i> , 1999 , 104, 18041-18046	26
2151	References. 1999 , 65, 450-455	1
2150	References. 2000 , 865-909	
2149	Impact of CO2 Doubling on the Asian Summer Monsoon. 2000 , 78, 421-439	72
2148	Wavelet analysis of the association between the Southern Oscillation and the Indian summer monsoon. 2000 , 20, 89-104	37
2147	Influence of the Indian summer monsoon on ENSO. 2000 , 126, 213-239	92

(2001-2000)

2146	Predictability of snow-depth anomalies over Eurasia and associated circulation patterns. 2000 , 126, 241-262	25
2145	Predictability and the relationship between subseasonal and interannual variability during the Asian summer monsoon. 2000 , 126, 2545-2574	140
2144	An effective method for correcting the seasonalathterannual prediction of summer climate anomaly. 2000 , 17, 234-240	35
2143	Significance of the normalized seasonality of wind field and its rationality for characterizing the monsoon. 2000 , 43, 646-653	23
2142	Recent biennial variability of meteorological features in the eastern Highland Himalayas. 2000 , 27, 2185-2188	22
2141	Intraseasonal variation of monsoon activities associated with the rainfall over Bangladesh during the 1995 summer monsoon season. <i>Journal of Geophysical Research</i> , 2000 , 105, 29445-29459	32
2140	Tropical pacific forcing of decadal SST variability in the western indian ocean over the past two centuries. 2000 , 287, 617-20	210
2139	A high-resolution millennial record of the south asian monsoon from himalayan ice cores. 2000 , 289, 1916-20	708
2138	Predicting uncertainty in forecasts of weather and climate. 2000 , 63, 71-116	281
2137	Intraseasonal variability and tides in Makassar Strait. 2000 , 27, 1499-1502	32
2137	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001 , 28, 2843-2846	32 92
2136	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon.	
2136	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001 , 28, 2843-2846	92
2136 2135	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001, 28, 2843-2846 The Tropospheric Biennial Oscillation and Indian Monsoon rainfall. 2001, 28, 1731-1734	92 45 120
2136 2135 2134	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001, 28, 2843-2846 The Tropospheric Biennial Oscillation and Indian Monsoon rainfall. 2001, 28, 1731-1734 The Origin of Monsoons. 2001, 58, 3497-3507	92 45 120
2136 2135 2134 2133	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001, 28, 2843-2846 The Tropospheric Biennial Oscillation and Indian Monsoon rainfall. 2001, 28, 1731-1734 The Origin of Monsoons. 2001, 58, 3497-3507 Oscillations of Bay of Bengal sea surface temperature during the 1998 Summer Monsoon. 2001, 28, 2033-2036 Role of equatorially asymmetric sea surface temperature anomalies in the Indian Ocean in the Asian summer monsoon and El Niê-Southern Oscillation coupling. <i>Journal of Geophysical Research</i> ,	92 45 120 5158
2136 2135 2134 2133 2132	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. 2001, 28, 2843-2846 The Tropospheric Biennial Oscillation and Indian Monsoon rainfall. 2001, 28, 1731-1734 The Origin of Monsoons. 2001, 58, 3497-3507 Oscillations of Bay of Bengal sea surface temperature during the 1998 Summer Monsoon. 2001, 28, 2033-2036 Role of equatorially asymmetric sea surface temperature anomalies in the Indian Ocean in the Asian summer monsoon and El Niè-Southern Oscillation coupling. <i>Journal of Geophysical Research</i> , 2001, 106, 4681-4693 A central tropical Pacific coral demonstrates Pacific, Indian, and Atlantic decadal climate	92 45 120 5158 73

2128	Initiation of the Australian summer monsoon 14,000 years ago. 2001 , 83-85, 119-128	115
2127	Terrestrial evidence for a spatial structure of tropicalâpolar interconnections during the Younger Dryas episode. 2001 , 191, 231-239	57
2126	An Agroclimatological Characterization of the Indo-Gangetic Plains. 2001 , 3, 53-65	2
2125	Chapter 4 Tropical Ocean Variability. 2001 , 217-xiv	5
2124	Atmospheric Seasonal Predictability Experiments by the JMA AGCM 2001 , 79, 1183-1206	26
2123	Equatorial Waves and AirâBea Interaction in the Boreal Summer Intraseasonal Oscillation. 2001 , 14, 2923-294	2 296
2122	Interannual Sea Surface Temperature Variability and the Predictability of Tropical Intraseasonal Variability. 2001 , 58, 2596-2615	29
2121	Low-Frequency Modulation of the ENSOâlhdian Monsoon Rainfall Relationship: Signal or Noise?. 2001 , 14, 2486-2492	206
2120	Predictability of the 1997 and 1998 South Asian Summer Monsoon Low-Level Winds. 2001 , 14, 3173-3191	9
2119	El Ni ô as a Natural Experiment for Studying the Tropical Tropopause Region. 2001 , 14, 3375-3392	65
2118	The Dynamics of Double Monsoon Onsets. 2001 , 14, 4130-4146	78
2117	Dynamical Seasonal Predictability of the Asian Summer Monsoon. 2001 , 129, 2226-2248	96
2116	Summer monsoon rainfalls over MidâEastern China lagged correlated with global SSTs. 2001 , 18, 179-196	20
2115	A review on seasonal climate prediction. 2001 , 18, 197-208	6
2114	The NVAP global water vapor data set: independent cross-comparison and multiyear variability. 2001 , 76, 112-129	33
2113	Relationship between the Indian monsoon rainfall and the tropospheric temperature over the Eurasian continent. 2001 , 127, 909-937	77
2112	Ocean-atmosphere-land feedbacks in an idealized monsoon. 2001 , 127, 1869-1891	94
2111	Monsoon rainfall variations and teleconnections over South and East Asia. 2001 , 21, 603-616	168

(2002-2001)

2110	Interdecadal variations of characteristics of monsoon disturbances and their epochal relationships with rainfall and other tropical features. 2001 , 21, 759-771	36
2109	ENSO variability, teleconnections and climate change. 2001 , 21, 1845-1862	333
2108	Current approaches to seasonal to interannual climate predictions. 2001 , 21, 1111-1152	453
2107	Correlations Among Charcoal Records of Fires from the Past 16,000 Years in Indonesia, Papua New Guinea, and Central and South America. 2001 , 55, 97-104	104
2106	Spatial and Temporal Variation of Summer Precipitation over the Eastern Tibetan Plateau and the North Atlantic Oscillation. 2001 , 14, 2896-2909	152
2105	Interannual Variability of the Asian Summer Monsoon: Contrasts between the Indian and the Western North Pacificâ E ast Asian Monsoons*. 2001 , 14, 4073-4090	737
2104	The Indian Ocean experiment: widespread air pollution from South and Southeast Asia. 2001 , 291, 1031-6	599
2103	ENSO and cholera: a nonstationary link related to climate change?. 2002 , 99, 12901-6	202
2102	On the evolution of the oxygen minimum zone in the Arabian Sea during Holocene time and its relation to the South Asian monsoon. 2002 , 195, 433-443	1
2101	Indian monsoon variability in the Himalaya since AD 1800. 2002 , 35, 437-442	7
2100	Variations of the East Asian Jet Stream and AsianâPacificâAmerican Winter Climate Anomalies. 2002 , 15, 306-325	413
2099	Intraseasonal Variability Associated with Wet Monsoons in Southeast Arizona. 2002 , 15, 2477-2490	82
2098	The monsoon as a self-regulating coupled oceanâltmosphere system. 2002 , 198-219	22
2097	Indian Monsoon GCM Sensitivity Experiments Testing Tropospheric Biennial Oscillation Transition Conditions. 2002 , 15, 923-944	73
2096	Challenges and Opportunities Provided by Seasonal Climate Forecasts: A Literature Review. 2002 , 34, 603-632	21
2095	The Tropospheric Biennial Oscillation and AsianâAustralian Monsoon Rainfall. 2002, 15, 722-744	163
2094	Monsoon Breaks and Subseasonal Sea Surface Temperature Variability in the Bay of Bengal*. 2002 , 15, 1485-1493	189
2093	The Boreal Summer Intraseasonal Oscillation: Relationship between Northward and Eastward Movement of Convection. 2002 , 59, 1593-1606	307

2092	A Contrast of the East Asian Summer MonsoonâENSO Relationship between 1962â🛭 7 and 1978â🗗 3*. 2002 , 15, 3266-3279	285
2091	A Simple Model Study of ENSO Suppression by External Periodic Forcing*. 2002 , 15, 1088-1098	65
2090	Onset of the Summer Monsoon over the Indochina Peninsula: Climatology and Interannual Variations*. 2002 , 15, 3206-3221	125
2089	Relative Importance of the Annual Cycles of Sea Surface Temperature and Solar Irradiance for Tropical Circulation and Precipitation: A Climate Model Simulation Study. 2002 , 6, 1-32	25
2088	Near-surface variations and surface fluxes over the northern Bay of Bengal during the 1999 Indian summer monsoon. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 6-1-ACL 6-19	21
2087	A mechanism of the onset of the Australian summer monsoon. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 5-1	36
2086	A 780-year annually resolved record of Indian Ocean monsoon precipitation from a speleothem from south Oman. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 9-1	148
2085	Interannual variability of the Indian winter monsoon circulation and consequences for pollution levels. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 2-1	14
2084	El Niê's tropical climate and teleconnections as a blueprint for pre-Ice Age climates. 2002 , 17, 11-1-11-11	113
2083	Relationship between the planetary-scale circulation over East Asia and the intensity of the South Asian Summer Monsoon. 2002 , 29, 13-1-13-4	4
2082	Recent lengthening of the south Asian summer monsoon season. 2002 , 29, 96-1-96-4	11
2081	Spring Warming of the Eastern Arabian Sea and Bay of Bengal from Buoy Data. 2002 , 29, 24-1-24-4	45
2080	On the relationship between Dasuopu Snow Accumulation and the Asian Summer Monsoon. 2002 , 29, 75-1-75-4	4
2079	Burial of redox-sensitive metals and organic matter in the equatorial Indian Ocean linked to precession. 2002 , 66, 849-865	44
2078	Sensitivity of East Asian monsoon climate to the uplift of the Tibetan Plateau. 2002, 183, 223-245	240
2077	South Asian monsoon climate change and radiocarbon in the Arabian Sea during early and middle Holocene. 2002 , 17, 15-1-15-12	90
2076	Precipitation anomalies in the tropical Indian Ocean and their relation to the initiation of El Niô. 2002 , 29, 83-1-83-4	10
2075	Teleconnection of OLR and SST anomalies over Atlantic Ocean with Indian summer monsoon. 2002 , 29, 125-1-125-4	29

(2003-2002)

2074	A unified monsoon index. 2002 , 29, 115-1-115-4	337
2073	Long-term trends in geomagnetic and climatic variability. 2002 , 27, 427-431	9
2072	Surface layer temperature inversion in the Bay of Bengal. 2002 , 49, 1801-1818	81
2071	The heat transport of the Indonesian Throughflow and implications for the Indian Ocean heat budget. 2002 , 49, 1391-1410	87
2070	Heat transports in the Indian Ocean estimated from TOPEX/POSEIDON altimetry and model simulations. 2002 , 49, 1459-1480	8
2069	Interannual variability of the sea-surface temperature in the Indian Ocean in response to the airâBea turbulent heat exchange. 2002 , 49, 1527-1548	7
2068	Geomagnetic forcing and climatic variations in Europe, North America and in the Pacific Ocean. 2002 , 91, 5-15	6
2067	FLUID DYNAMICS OF EL NID VARIABILITY. 2002 , 34, 531-558	33
2066	Processes for the Northeastward Advance of the Summer Monsoon over the Western North Pacific 2002 , 80, 67-83	59
2065	Spatial and Seasonal Variation of Rain Profiles over Asia Observed by Spaceborne Precipitation Radar. 2002 , 15, 3443-3458	34
2064	Linear Prediction of Indian Monsoon Rainfall*. 2002, 15, 3645-3658	60
2063	Hydrological Signatures Relating the Asian Summer Monsoon and ENSO. 2002 , 15, 3082-3095	57
2062	Interannual variability of lower-tropospheric moisture transport during the Australian monsoon. 2002 , 22, 509-532	43
2061	Influence of Eurasian spring snow cover on Asian summer rainfall. 2002 , 22, 1075-1089	100
2060	The instability of the East Asian summer monsoonâ E NSO relations. 2002 , 19, 1-11	169
2059	Mechanism of thermal features over the Indo-China peninsula and possible effects on the onset of the South China sea monsoon. 2002 , 19, 885-900	25
2058	Erosional response of South China to arc rifting and monsoonal strengthening; a record from the South China Sea. 2002 , 184, 207-226	157
2057	Climate change at the 4.2 ka BP termination of the Indus valley civilization and Holocene south Asian monsoon variability. 2003 , 30,	417

2056	Variability of the Indian Ocean: Relation to monsoon and ENSO. 2003, 129, 1623-1646	119
2055	On the impacts of the Indian summer monsoon on ENSO in a coupled GCM. 2003 , 129, 3439-3468	49
2054	Dynamic predictability of intraseasonal variability associated with the Asian summer monsoon. 2003 , 129, 2897-2925	89
2053	On breaks of the Indian monsoon. 2003 , 112, 529-558	84
2052	2002: The extra-strong warm winter event in North Asia and its accompanying anomalous atmospheric circulation. 2003 , 48, 1031-1033	18
2051	A new monsoon index and the geographical distribution of the global monsoons. 2003 , 20, 299-302	187
2050	Reproducibility and predictability of the Asian summer monsoon in the ECHAM4-GCM. 2003, 20, 365-379	39
2049	The interannual variability in the tropical Indian Ocean as simulated by a CGCM. 2003, 20, 567-582	99
2048	Impact of El Ni�âBouthern oscillation on Indian foodgrain production. 2003 , 23, 187-206	83
2047	Precipitation trends in Sri Lanka since the 1870s and relationships to El NiôâBouthern oscillation. 2003 , 23, 1235-1252	49
2046	Monsoons and global linkages on Milankovitch and sub-Milankovitch time scales. 2003 , 201, 1-3	21
2045	Contrasting the Indian and East Asian monsoons: implications on geologic timescales. 2003 , 201, 5-21	206
2044	Late Quaternary Milankovitch-scale climatic change and variability and its impact on monsoonal Australasia. 2003 , 201, 81-95	94
2043	Monsoonâlropical ocean interaction in a network of coral records spanning the 20th century. 2003 , 201, 207-222	96
2042	Causes and consequences of long-term climatic variability on the Australian continent. 2003 , 48, 1274-1283	8o
2041	The Indian Monsoon and its Relation to Global Climate Variability. 2003 , 186-236	47
2040	THEINDIANMONSOON ANDITSVARIABILITY. 2003 , 31, 429-467	649
2039	East Asian monsoon forcing of suborbital variability in the Sulu Sea during Marine Isotope Stage 3: Link to Northern Hemisphere climate. 2003 , 4, 1-13	56

2038	Clustering of synoptic activity by Indian summer monsoon intraseasonal oscillations. 2003, 30,	190
2037	The unusual summer of 1994 in East Asia: IOD teleconnections. 2003 , 30, n/a-n/a	220
2036	A note on the deficiency of NCEP/NCAR reanalysis surface winds over the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2003 , 108,	52
2035	Numerical simulation of seasonal and interannual Indian Ocean upper layer circulation using Miami Isopycnic Coordinate Ocean Model. <i>Journal of Geophysical Research</i> , 2003 , 108,	5
2034	Global ocean response to orbital forcing in the Holocene. 2003, 18, n/a-n/a	83
2033	Intraseasonal âfhonsoon jetsâlîn the equatorial Indian Ocean. 2003 , 30,	38
2032	Insolation forcing of the Australian monsoon as controls of Pleistocene mega-lake events. 2003, 30,	18
2031	Connections between the summer east African and Indian rainfall regimes. <i>Journal of Geophysical Research</i> , 2003 , 108,	60
2030	A synthesis of abrupt changes in the Asian summer monsoon since the last deglaciation. 2003 , 13, 465-476	316
2029	Sedimentary phosphorus record from the Oman margin: New evidence of high productivity during glacial periods. 2003 , 18, n/a-n/a	21
2028	Reconstruction of Upper Siwalik palaeoecology and palaeoclimatology using microfossil palaeocommunities. 2003 , 197, 133-150	33
2027	Indian Ocean climate and an absolute chronology over Dansgaard/Oeschger events 9 to 13. 2003 , 301, 1365-7	229
2026	The status of the Indo-Pacific Warm Pool and adjacent land at the Last Glacial Maximum. 2003, 35, 25-35	87
2025	Temperature and salinity variability in the exit passages of the Indonesian Throughflow. 2003 , 50, 2183-2204	46
2024	Coupled dynamics over the Indian Ocean: spring initiation of the Zonal Mode. 2003 , 50, 2305-2330	209
2023	Coupled Climate Simulation of the Evolution of Global Monsoons in the Holocene*. 2003, 16, 2472-2490	169
2022	Toward a Combined Seasonal Weather and Crop Productivity Forecasting System: Determination of the Working Spatial Scale. 2003 , 42, 175-192	85
2021	The Asian Monsoon, the Tropospheric Biennial Oscillation, and the Indian Ocean Zonal Mode in the NCAR CSM*. 2003 , 16, 1617-1642	103

2020	Coupled OceanâAtmosphere Dynamical Processes in the Tropical Indian and Pacific Oceans and the TBO. 2003 , 16, 2138-2158	110
2019	A Theory for the Indian Ocean Dipoleâlonal Mode*. 2003 , 60, 2119-2135	282
2018	Ocean Roles in the TBO Transitions of the IndianâAustralian Monsoon System. 2003, 16, 3072-3080	41
2017	A Hydrological Definition of Indian Monsoon Onset and Withdrawal. 2003 , 16, 3200-3211	239
2016	The emergence of an agricultural landscape in the highlands of New Guinea. 2003 , 38, 149-158	27
2015	Predictability Experiments for the Asian Summer Monsoon: Impact of SST Anomalies on Interannual and Intraseasonal Variability. 2003 , 16, 4001-4021	21
2014	Mechanisms Limiting the Northward Extent of the Northern Summer Monsoons over North America, Asia, and Africa*. 2003 , 16, 406-425	91
2013	Indian Ocean Intraseasonal Variability in an Ocean General Circulation Model. 2003 , 16, 21-39	78
2012	AtmosphereâlWarm Ocean Interaction and Its Impacts on AsianâlAustralian Monsoon Variation*. 2003 , 16, 1195-1211	544
2011	Seasonal Variations of Tropospheric Wind over Indonesia: Comparison between Collected Operational Rawinsonde Data and NCEP Reanalysis for 1992-99. 2003 , 81, 829-850	20
2010	A Moist Linear Baroclinic Model: Coupled Dynamicalâlonvective Response to El Niê. 2003, 16, 1121-1139	93
2009	The Role of ENSO in the South Asian Monsoon and Pre-Monsoon Signals Over the Tibetan Plateau. 2003 , 81, 1015-1039	28
2008	MONSOON Dynamical Theory. 2003, 1370-1386	34
2007	South and East Asian Summer Monsoon Climate and Variation in the MRI Coupled Model (MRI-CGCM2). 2004 , 17, 763-782	34
2006	Relationship between the Onset of the South China Sea Summer Monsoon and the Structure of the Asian Subtropical Anticyclone. 2004 , 82, 845-859	47
2005	A Stratified Diagnosis of the Indian Monsoonâ E urasian Snow Cover Relationship. 2004 , 17, 1110-1122	105
2004	Individual and Combined Influences of ENSO and the Indian Ocean Dipole on the Indian Summer Monsoon. 2004 , 17, 3141-3155	418
2003	The Elementary Hadley Circulation. 2004 , 9-60	44

(2004-2004)

2002	Variability of the Intertropical Convergence Zone recorded in coral isotopic records from the central indian Ocean (Chagos Archipelago). 2004 , 61, 245-255	34
2001	Factors contributing to the onset of the Australian summer monsoon. 2004 , 130, 739-758	90
2000	On the withdrawal of the Indian summer monsoon. 2004 , 130, 989-1008	32
1999	Zonal propagation of kinetic energy and convection in the South China Sea and Indian monsoon regions in boreal summer. 2004 , 47, 1076-1084	4
1998	Recent advances in studies of the interaction between the East Asian winter and summer monsoons and ENSO cycle. 2004 , 21, 407-424	154
1997	Characteristics, evolution and mechanisms of the summer monsoon onset over Southeast Asia. 2004 , 24, 1461-1482	82
1996	Trend and variability of China precipitation in spring and summer: linkage to sea-surface temperatures. 2004 , 24, 1625-1644	214
1995	Upper tropospheric drying and the âllransition to breakâlln the Indian summer monsoon during 1999. 2004 , 31,	9
1994	Role of land surface processes in monsoon development: East Asia and West Africa. <i>Journal of Geophysical Research</i> , 2004 , 109, n/a-n/a	130
1993	Modeling the tropical climate and the impact of the western Pacific sea surface temperature at the Last Glacial Maximum. <i>Journal of Geophysical Research</i> , 2004 , 109,	8
1992	Stable isotope evidence for moisture sources in the asian summer monsoon under present and past climate regimes. 2004 , 31,	109
1991	Low-frequency of southern Asian monsoon variability using a 295-year record from the Dasuopu ice core in the central Himalayas. 2004 , 31,	52
1990	Summer temperature and summer monsoon history on the Tibetan plateau during the last 400 years recorded by tree rings. 2004 , 31,	172
1989	Impact of monsoon circulations on the upper troposphere and lower stratosphere. <i>Journal of Geophysical Research</i> , 2004 , 109, n/a-n/a	169
1988	Cenozoic Deformation and the History of Sea-Land Interactions in Asia. 2004 , 1-22	32
1987	Marine Sedimentary Evidence for Monsoon Strengthening, Tibetan Uplift and Drainage Evolution in East Asia. 2004 , 255-282	34
1986	Neogene History of the Indonesian Throughflow. 2004 , 299-320	72
1985	Mapping vulnerability to multiple stressors: climate change and globalization in India. 2004 , 14, 303-313	746

1984	Variability and extremes of daily rainfall during the Indian summer monsoon in the period 1901â🛮 989. 2004 , 44, 83-105	35
1983	Investigation of different coastal processes in Indonesian waters using SeaWiFS data. 2004 , 51, 85-97	46
1982	Palaeoclimatic interpretation of high-resolution oxygen isotope profiles derived from annually laminated speleothems from Southern Oman. 2004 , 23, 935-945	215
1981	The hippo's tale: how the anatomy and physiology of Late Neogene Hexaprotodon shed light on Late Neogene environmental change. 2004 , 117, 119-123	24
1980	History of vegetation and habitat change in the Austral-Asian region. 2004 , 118-119, 103-126	149
1979	Spatial and temporal variability in the stable isotope systematics of modern precipitation in China: implications for paleoclimate reconstructions. 2004 , 220, 365-377	232
1978	Design Requirements for an Argo Float Array in the Indian Ocean Inferred from Observing System Simulation Experiments. 2004 , 21, 1598-1620	25
1977	An Evaluation of the Apparent Interdecadal Shift in the Tropical Divergent Circulation in the NCEPâNCAR Reanalysis. 2004 , 17, 349-361	64
1976	Globally Unified Monsoon Onset and Retreat Indexes. 2004 , 17, 2241-2248	87
1975	The Boreal-Summer Intraseasonal Oscillations Simulated in a Hybrid Coupled AtmosphereâDcean Model*. 2004 , 132, 2628-2649	86
1974	Contrasting Characteristics between the Northward and Eastward Propagation of the Intraseasonal Oscillation during the Boreal Summer. 2004 , 17, 727-743	75
1973	Instability of the East Asian Summer Monsoon-Enso Relationship in a Coupled Global Atmosphere-Ocean GCM. 2004 , 47, 1098-1103	9
1972	Ensemble Simulations of AsianâAustralian Monsoon Variability by 11 AGCMs*. 2004 , 17, 803-818	263
1971	Biennial Characteristics of Indian Monsoon Rainfall. 2004 , 17, 2972-2982	24
1970	Upstream Subtropical Signals Preceding the Asian Summer Monsoon Circulation. 2004 , 17, 4213-4229	100
1969	Tropical Warm Pool Surface Heat Budgets and Temperature: Contrasts between1997/98 El Ni ô and 1998/99 La Ni â . 2004 , 17, 1845-1858	12
1968	Symmetry and Asymmetry of the Asian and Australian Summer Monsoons. 2004 , 17, 2413-2426	49
1967	Spreading of the Indonesian Throughflow in the Indian Ocean*. 2004 , 34, 772-792	82

1966	Intraseasonal Variability of the Low-Level Jet Stream of the Asian Summer Monsoon. 2004 , 17, 1449-1458	189
1965	Climate Prediction for Brazil's Nordeste: Performance of Empirical and Numerical Modeling Methods. 2004 , 17, 2667-2672	36
1964	Influence of the Upper-Tropospheric Wind Shear upon Cloud Radiative Forcing in the Asian Monsoon Region. 2004 , 17, 2725-2735	39
1963	Ocean Mixed Layer Temperature Variations Induced by Intraseasonal Convective Perturbations over the Indian Ocean. 2004 , 61, 1004-1023	78
1962	Regional Heat Sources and the Active and Break Phases of Boreal Summer Intraseasonal (30âB0 Day) Variability*. 2005 , 62, 2726-2748	147
1961	Importance of the Salinity Barrier Layer for the Buildup of El Ni ô . 2005 , 18, 104-118	97
1960	Internal Variability of Indian Ocean SST. 2005 , 18, 3726-3738	45
1959	Annual Cycle of Southeast AsiaâMaritime Continent Rainfall and the Asymmetric Monsoon Transition. 2005 , 18, 287-301	262
1958	Modeling. 2005 , 361-388	22
1957	Indian Ocean Sea Surface Temperature and El NiôâBouthern Oscillation: A New Perspective. 2005 , 18, 1351-1368	83
1956	A Wintertime Arctic Oscillation Signature on Early-Season Indian Ocean Monsoon Intensity. 2005 , 18, 2247-2269	15
1955	Atmospheric Hydrology of the Anomalous 2002 Indian Summer Monsoon. 2005 , 133, 2996-3014	15
1954	Some Characteristics of Model-Predicted Precipitation during the Summer Monsoon over India. 2005 , 44, 324-339	14
1953	Seasonal Variability in Clouds and Radiation at the Manus ARM Site. 2005 , 18, 2417-2428	16
1952	Interannual and Interdecadal Variability of Thailand Summer Monsoon Season. 2005, 18, 1697-1708	104
1951	Australian-Indonesian monsoon. 2005 , 125-173	78
1950	Response of the Asian summer monsoon to changes in El Niê properties. 2005 , 131, 805-831	60
1949	The role of the basic state in the ENSOâthonsoon relationship and implications for predictability. 2005 , 131, 781-804	99

1948	Seasonal forecasting of Thailand summer monsoon rainfall. 2005 , 25, 649-664	84
1947	Dynamics of the Indian monsoon and ENSO relationships in the SINTEX global coupled model. 2005 , 24, 145-168	14
1946	Role of the southern Indian Ocean in the transitions of the monsoon-ENSO system during recent decades. 2005 , 24, 169-195	46
1945	Links between rainfall variability on intraseasonal and interannual scales over western Tanzania and regional circulation and SST patterns. 2005 , 89, 215-234	20
1944	Pollen records and time scale for the RM core of the Zoige Basin, northeastern Qinghai-Tibetan Plateau. 2005 , 50, 553-562	5
1943	Numerical simulation of the impact of vegetation index on the interannual variation of summer precipitation in the Yellow River Basin. 2005 , 22, 865-876	8
1942	South Asian high and Asian-Pacific-American climate teleconnection. 2005 , 22, 915-923	65
1941	Impacts of Present and Future Climate Variability and Change on Agriculture and Forestry in the Arid and Semi-Arid Tropics. 2005 , 70, 31-72	181
1940	South Asian monsoon. 2005 , 19-61	198
1939	Reinitiation of the Boreal Summer Intraseasonal Oscillation in the Tropical Indian Ocean*. 2005 , 18, 3777-379.	590
1939 1938	Reinitiation of the Boreal Summer Intraseasonal Oscillation in the Tropical Indian Ocean*. 2005, 18, 3777-379. Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005, 33, 785	5 90
	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic	
1938	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005 , 33, 785 The meteorology of the Western Indian Ocean, and the influence of the East African Highlands.	115
1938 1937	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005 , 33, 785 The meteorology of the Western Indian Ocean, and the influence of the East African Highlands. 2005 , 363, 25-42	115
1938 1937 1936	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005, 33, 785 The meteorology of the Western Indian Ocean, and the influence of the East African Highlands. 2005, 363, 25-42 Warming of the Eurasian landmass is making the Arabian Sea more productive. 2005, 308, 545-7 Abnormal monsoon years and their control on erosion and sediment flux in the high, arid northwest	11568174
1938 1937 1936 1935	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005, 33, 785 The meteorology of the Western Indian Ocean, and the influence of the East African Highlands. 2005, 363, 25-42 Warming of the Eurasian landmass is making the Arabian Sea more productive. 2005, 308, 545-7 Abnormal monsoon years and their control on erosion and sediment flux in the high, arid northwest Himalaya. 2005, 231, 131-146 Inverse phase oscillations between the East Asian and Indian Ocean summer monsoons during the	11568174186
1938 1937 1936 1935	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. 2005, 33, 785 The meteorology of the Western Indian Ocean, and the influence of the East African Highlands. 2005, 363, 25-42 Warming of the Eurasian landmass is making the Arabian Sea more productive. 2005, 308, 545-7 Abnormal monsoon years and their control on erosion and sediment flux in the high, arid northwest Himalaya. 2005, 231, 131-146 Inverse phase oscillations between the East Asian and Indian Ocean summer monsoons during the last 12000 years and paleo-El Niè. 2005, 231, 337-346 Seasonal and interannual variability of the Mid-Holocene East Asian monsoon in coral 1800 records	115 68 174 186

(2006-2005)

1930	Regulation of Tibetan Plateau heating on variation of Indian summer monsoon in the last two millennia. 2005 , 32,	25
1929	Nonstationary ENSO-precipitation teleconnection over the equatorial Indian Ocean documented in a coral from the Chagos Archipelago. 2005 , 32,	20
1928	Himalayan rainfall and vorticity generation within the Indian summer monsoon. 2005, 32, n/a-n/a	3
1927	Advancing dynamical prediction of Indian monsoon rainfall. 2005 , 32,	154
1926	Time-height evolution of intraseasonal oscillations in the tropical lower atmosphere: Multilevel wind observations using UHF radar. 2005 , 32, n/a-n/a	4
1925	Spatial and diurnal variation of precipitation systems over Asia observed by the TRMM Precipitation Radar. <i>Journal of Geophysical Research</i> , 2005 , 110,	104
1924	Fundamental challenge in simulation and prediction of summer monsoon rainfall. 2005, 32,	493
1923	Is the Indian summer monsoon stable against global change?. 2005 , 32,	78
1922	ENSO control on the south Asian monsoon through the length of the rainy season. 2005 , 32, n/a-n/a	183
1921	Epochs of phase coherence between El Niê/Southern Oscillation and Indian monsoon. 2005 , 32,	75
1920	Dynamical mechanisms for African monsoon changes during the mid-Holocene. <i>Journal of Geophysical Research</i> , 2005 , 110,	28
1919	Stable isotopes in precipitation in the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2005 , 110,	184
1918	Dynamics of âInternalâInterannual variability of the Indian summer monsoon in a GCM. <i>Journal of Geophysical Research</i> , 2005 , 110,	94
1917	Atmospheric brown clouds: impacts on South Asian climate and hydrological cycle. 2005 , 102, 5326-33	1055
1916	Intraseasonal variations of the Yangtze rainfall and its related atmospheric circulation features during the 1991 summer. 2006 , 27, 815-830	72
1915	Is there a persistent control of monsoon winds by precipitation during the late Holocene?. 2006 , 7, n/a-n/a	16
1914	Variation of Zr/Rb ratios in the Chinese loess deposits during the past 1.8 Myr and its implication for the change of East Asian monsoon intensity. 2006 , 7, n/a-n/a	9
1913	Occurrence of droughts and floods during the normal summer monsoons in the mid- and lower reaches of the Yangtze River. 2006 , 33,	46

1912	SST forcing of decadal Indian Monsoon rainfall variability. 2006 , 33,	65
1911	The sedimentary and tectonic evolution of the YinggehaiâBong Hong basin and the southern Hainan margin, South China Sea: Implications for Tibetan uplift and monsoon intensification. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a	154
1910	East Asian monsoon variability over the last seven glacial cycles recorded by a loess sequence from the northwestern Chinese Loess Plateau. 2006 , 7, n/a-n/a	100
1909	Cloud types associated with the Asian summer monsoons as determined from MODIS/TERRA measurements and a comparison with surface observations. 2006 , 33,	14
1908	An empirical rule for extended range prediction of duration of Indian summer monsoon breaks. 2006 , 33, n/a-n/a	21
1907	Response of monsoon precipitation in the Himalayas to global warming. <i>Journal of Geophysical Research</i> , 2006 , 111,	63
1906	A Simulated Climatology of Asian Dust Aerosol and Its Trans-Pacific Transport. Part II: Interannual Variability and Climate Connections. 2006 , 19, 104-122	102
1905	Pattern characteristics of Indian monsoon rainfall using principal component analysis (PCA). 2006 , 79, 317-326	27
1904	Demand management of groundwater with monsoon forecasting. 2006 , 90, 293-311	14
1903	Monsoon-induced cooling of the western equatorial Indian Ocean as recorded in coral oxygen isotope records from the Seychelles covering the period of 1840â¶994 AD. 2006 , 25, 993-1009	35
1902	East Asian summer monsoon variability during Marine Isotope Stage 5 based on speleothem 180 records from Wanxiang Cave, central China. 2006 , 236, 5-19	59
1901	Development of the East Asian summer monsoon: Evidence from the sediment record in the South China Sea since 8.5 Ma. 2006 , 241, 139-159	98
1900	Preface to the IGCP 476 âMonsoons and Tectonicsâßpecial edition of Palaeogeography, Palaeoclimatology, Palaeoecology. 2006 , 241, 1-3	1
1899	Role of Narrow Mountains in Large-Scale Organization of Asian Monsoon Convection*. 2006 , 19, 3420-3429	226
1898	Effect of heavy snowfall on ground temperature, northern Tibetan Plateau. 2006, 43, 317-322	5
1897	Environmental change and the arrival of people in the Australian region. 2006 , 2006, 1-24	17
1896	A three-tier overlapping prediction scheme: tools for strategic and tactical decisions in the developing world. 645-673	2
1895	The Annual Cycle, Intraseasonal Oscillations, and Roadblock to Seasonal Predictability of the Asian Summer Monsoon. 2006 , 19, 5078-5099	131

1894	A New Perspective on the Climate Prediction of Asian Summer Monsoon Precipitation. 2006 , 19, 4840-4853	10
1893	Improving Seasonal Forecasting in the Low Latitudes. 2006 , 134, 1859-1879	18
1892	Impacts of Anomalies of Thermal State over the Qinghai-Xizang Plateau and Sea Surface Temperature on Interannual Variability of the Asian Monsoon Seasonal Transition. 2006 , 49, 1155-1164	12
1891	Reduction in Himalayan snow accumulation and weakening of the trade winds over the Pacific since the 1840s. 2006 , 33,	30
1890	Spatiotemporal Structures and Mechanisms of the Tropospheric Biennial Oscillation in the Indo-Pacific Warm Ocean Regions*. 2006 , 19, 3070-3087	71
1889	Intraseasonal Forcing of Convection and Lightning Activity in the Southern Amazon as a Function of Cross-Equatorial Flow. 2006 , 19, 3180-3196	26
1888	Diagnosis of Tropospheric Moisture over Saudi Arabia and Influences of IOD and ENSO. 2006 , 134, 598-617	73
1887	Weakening of tropical Pacific atmospheric circulation due to anthropogenic forcing. 2006, 441, 73-6	749
1886	The Indian drought of 2002â\ sub-seasonal phenomenon?. 2006 , 132, 2583-2602	76
1885	The interdecadal variations of the summer monsoon rainfall over South China. 2006 , 93, 165-175	69
1884	Tree-ring-based hydrological records for western Himalaya, India, since a.d. 1560. 2006 , 26, 295-303	65
1883	Boreal summer quasi-monthly oscillation in the global tropics. 2006 , 27, 661-675	99
1882	Sensitivity of the Asian summer monsoon to the horizontal resolution: differences between AMIP-type and coupled model experiments. 2006 , 28, 273-290	27
1881	The statistical significance test of regional climate change caused by land use and land cover variation in West China. 2006 , 23, 355-364	7
1880	Characteristics of the onset of the Asian summer monsoon and the importance of Asian-Australian âland bridgeâ[]2006, 23, 951-963	22
1879	Decadal/interdecadal variations of the ocean temperature and its impacts on climate. 2006 , 23, 964-981	24
1878	The onset and advance of the Asian summer monsoon. 2006 , 51, 80-88	17
1877	Interconnections between the Asian monsoon, ENSO, and high northern latitude climate during the Holocene. 2006 , 51, 2169-2177	8

1876	Effect of landform on seasonal temperature structures across China in the past 52 years. 2006 , 3, 158-167	8
1875	Summer monsoon intraseasonal oscillation over eastern Arabian sea âlʿAs revealed by TRMM microwave imager products. 2006 , 115, 575-586	5
1874	Holocene Climate and Cultural Evolution in Late PrehistoricâEarly Historic West Asia. 2006, 66, 372-387	348
1873	Long-term variation of Asian dust and related climate factors. 2006 , 40, 6730-6740	61
1872	The role of the Maddenâllulian Oscillation in the El Niê and Indian drought of 2002. 2006 , 26, 1361-1378	31
1871	Chapter 3 Relations between variability in the Mediterranean region and mid-latitude variability. 2006 , 179-226	44
1870	Holocene climate variability archived in the Puruogangri ice cap on the central Tibetan Plateau. 2006 , 43, 61-69	107
1869	Interannual Variability of Indian Ocean Heat Transport. 2006 , 19, 1013-1031	22
1868	Monsoon Regimes in the CCSM3. 2006 , 19, 2482-2495	73
1867	Snow Cover Distribution, Variability, and Response to Climate Change in Western China. 2006 , 19, 1820-1833	238
1866	Role of Land Surface Processes in South American Monsoon Development. 2006 , 19, 741-762	50
1865	Weakening of North Indian SST Gradients and the Monsoon Rainfall in India and the Sahel. 2006 , 19, 2036-204	5243
1864	Integrated model shows that atmospheric brown clouds and greenhouse gases have reduced rice harvests in India. 2006 , 103, 19668-72	159
1863	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. 2006 , 34, 621	100
1862	The South Asian Summer Monsoon and Its Relationship with ENSO in the IPCC AR4 Simulations. 2007 , 20, 1071-1092	316
1861	The Influence of Mechanical and Thermal Forcing by the Tibetan Plateau on Asian Climate. 2007 , 8, 770-789	451
1860	Spatial Coherence of Tropical Rainfall at the Regional Scale. 2007 , 20, 5244-5263	85
1859	The Influence of Tropical Indian Ocean SST on the Indian Summer Monsoon. 2007 , 20, 3083-3105	56

1858	Variability of Tropical Diurnal Sea Surface Temperature*. 2007 , 20, 334-352	54
1857	Seasonal-to-Interannual Forecasting of Tropical Indian Ocean Sea Surface Temperature Anomalies: Potential Predictability and Barriers. 2007 , 20, 3320-3343	36
1856	Intraseasonal Teleconnection between the Summer Eurasian Wave Train and the Indian Monsoon*. 2007 , 20, 3751-3767	192
1855	Intraseasonal Variability of Equatorial Indian Ocean Zonal Currents. 2007, 20, 3036-3055	69
1854	Dynamics of the West African Monsoon Jump. 2007 , 20, 5264-5284	116
1853	Mechanisms for the Interannual Variability in the Tropical Indian Ocean. Part I: The Role of Remote Forcing from the Tropical Pacific. 2007 , 20, 2917-2936	45
1852	A Model-Based Assessment and Design of a Tropical Indian Ocean Mooring Array. 2007 , 20, 3269-3283	20
1851	Impact of AtmosphereâDcean Coupling on the Predictability of Monsoon Intraseasonal Oscillations*. 2007 , 64, 157-174	119
1850	Dependence of Simulation of Boreal Summer Tropical Intraseasonal Oscillations on the Simulation of Seasonal Mean. 2007 , 64, 460-478	38
1849	An Observing System Simulation Experiment for the Indian Ocean. 2007 , 20, 3300-3319	24
1848	The Role of Intraseasonal Variability in the Nature of Asian Monsoon Precipitation. 2007, 20, 4402-4424	177
1847	Indo-Pacific Sea Surface Temperature Perturbations Associated with Intraseasonal Oscillations of Tropical Convection. 2007 , 20, 3056-3082	97
1846	An Observing System Simulation Experiment for an Optimal Moored Instrument Array in the Tropical Indian Ocean. 2007 , 20, 3284-3299	31
1845	Hydrological Impacts of Deforestation on the Southeast Tibetan Plateau. 2007 , 11, 1-18	27
1844	Atmosphere. Monsoon mysteries. 2007 , 318, 204-5	23
1843	Temperature variations over the past millennium on the Tibetan Plateau revealed by four ice cores. 2007 , 46, 362-366	18
1842	Prehistoric human impact on rainforest biodiversity in highland New Guinea. 2007 , 362, 219-28	39
1841	Simulated Seasonal and Interannual Variability of the Mixed Layer Heat Budget in the Northern Indian Ocean*. 2007 , 20, 3249-3268	94

1840	Roles of the Indian Ocean in the Australian Summer MonsoonâENSO Relationship. 2007, 20, 4768-4788	19
1839	El NiôâBouthern Oscillation Simulation at 6000 Years before Present with the MRI-CGCM2.3: Effect of Flux Adjustment. 2007 , 20, 2484-2499	7
1838	Holocene ITCZ and Indian monsoon dynamics recorded in stalagmites from Oman and Yemen (Socotra). 2007 , 26, 170-188	723
1837	Sensitivity of the Australian summer monsoon to tilt and precession forcing. 2007 , 26, 3043-3057	49
1836	A ~25ka Indian Ocean monsoon variability record from the Andaman Sea. 2007 , 26, 2586-2597	144
1835	Precipitation at Lake Qinghai, NE Qinghaiâllibet Plateau, and its relation to Asian summer monsoons on decadal/interdecadal scales during the past 500 years. 2007 , 254, 541-549	72
1834	Development of the East Asian monsoon: Mineralogical and sedimentologic records in the northern South China Sea since 20´Ma. 2007 , 254, 561-582	277
1833	ENSO related decadal scale climate variability from the Indo-Pacific Warm Pool. 2007 , 253, 67-82	39
1832	A high-resolution, absolute-dated deglacial speleothem record of Indian Ocean climate from Socotra Island, Yemen. 2007 , 259, 442-456	137
1831	Possible influence of ENSO on annual maximum streamflow of the Yangtze River, China. 2007 , 333, 265-274	231
1830	Chapter 8 Variability of the Indonesian Throughflow: A Review and Model-to-Data Comparison. 2007 , 175-494	3
1829	Variability of Tibetan Spring Snow and Its Associations with the Hemispheric Extratropical Circulation and East Asian Summer Monsoon Rainfall: An Observational Investigation. 2007 , 20, 3942-3955	141
1828	Pre-monsoon Indian Ocean SST in contrasting years of Indian summer monsoon rainfall. 2007 , 28, 4403-4407	4
1827	A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface temperature. 2007 , 52, 152-165	6
1826	Intraseasonal and Seasonally Persisting Patterns of Indian Monsoon Rainfall. 2007, 20, 3-20	188
1825	Summertime ENSOâNorth AfricanâAsian Jet teleconnection and implications for the Indian monsoons. 2007 , 34,	40
1824	Observations and proxies of the surface layer throughflow in Lombok Strait. <i>Journal of Geophysical Research</i> , 2007 , 112,	22
1823	A multiproxy assessment of the western equatorial Pacific hydrography during the last 30 kyr. 2007 , 22, n/a-n/a	49

1822	Sea surface temperatures of the western Arabian Sea during the last deglaciation. 2007, 22,	41
1821	Bay of Bengal summer monsoon 10â20 day variability in sea surface temperature using model and observations. 2007 , 34,	10
1820	Reduction in northward incursions of the South Asian monsoon since ~1400 AD inferred from a Mt. Everest ice core. 2007 , 34,	75
1819	Forecasting the duration of active and break spells in intrinsic mode functions of Indian monsoon intraseasonal oscillations. 2007 , 34,	19
1818	Manifestation of remote response over the equatorial Pacific in a climate model. <i>Journal of Geophysical Research</i> , 2007 , 112,	10
1817	Arabian Sea response to monsoon variations. 2007 , 22, n/a-n/a	38
1816	A Coupled Model Study of Glacial Asian Monsoon Variability and Indian Ocean Dipole. 2007 , 85, 1-10	75
1815	The Variability of the Asian Summer Monsoon. 2007 , 85B, 21-54	164
1814	Le microcrdit au pril du nolibralisme et de marchands d'illusions. Manifeste pour une inclusion financifie socialement responsable. 2007 , 29, 329	10
1813	Role of SST over the Indian Ocean in Influencing the Intraseasonal Variability of the Indian Summer Monsoon. 2007 , 85, 349-358	83
1812	Large-scale summer monsoon rainfall over India and its relation to 850 hPa wind shear. 2007 , 21, 1992-1996	5
1811	Impact of Indian Ocean sea-surface temperature anomaly on Indian summer monsoon precipitation using a regional climate model. 2007 , 27, 1455-1465	32
1810	Precipitation in Nepal between 1987 and 1996. 2007 , 27, 1753-1762	78
1809	Tropospheric biennial oscillation of the Indian summer monsoon with and without the El Nino-Southern Oscillation. 2007 , 27, 2095-2101	10
1808	Monsoon convection in the Himalayan region as seen by the TRMM Precipitation Radar. 2007, 133, 1389	182
1807	Role of the quasi-biweekly oscillation in the onset of convection over the Indochina Peninsula. 2007 , 133, 433-444	8
1806	The effect of doubled CO2 and model basic state biases on the monsoon-ENSO system. I: Mean response and interannual variability. 2007 , 133, 1143-1157	56
1805	Seasonal transition features of large-scale moisture transport in the Asian-Australian monsoon region. 2007 , 24, 1-14	40

1804	Characteristics and variations of the East Asian monsoon system and its impacts on climate disasters in China. 2007 , 24, 993-1023	155
1803	On the impacts of ENSO and Indian Ocean dipole events on sub-regional Indian summer monsoon rainfall. 2007 , 42, 273-285	143
1802	Variability of Indian monsoon-ENSO relationship in a 1000-year MRI-CGCM2.2 simulation. 2007 , 42, 261-272	9
1801	Intraseasonal variability of the Tropical Easterly Jet. 2007 , 96, 305-316	27
1800	Interdecadal variability of the relationship between the East Asian winter monsoon and ENSO. 2007 , 98, 283-293	124
1799	North African climate variability. Part 2: Tropical circulation systems. 2007 , 89, 37-49	24
1798	Interannual variability in the onset of the summer monsoon over the Eastern Bay of Bengal. 2007 , 89, 155-170	67
1797	A recipe for simulating the interannual variability of the Asian summer monsoon and its relation with ENSO. 2007 , 28, 441-460	35
1796	Impact of southeast Indian Ocean sea surface temperature anomalies on monsoon-ENSO-dipole variability in a coupled oceanâltmosphere model. 2007 , 28, 553-580	33
1795	Onset of southwesterly wind over eastern China and associated atmospheric circulation and rainfall. 2007 , 28, 797-811	67
1794	Regimes of seasonal airâBea interaction and implications for performance of forced simulations. 2007 , 29, 393-410	124
1793	Grain-size records at ODP site 1146 from the northern South China Sea: Implications on the East Asian monsoon evolution since 20 Ma. 2007 , 50, 1536-1547	8
1792	Dynamical tropopause variability and potential vorticity streamers in the Northern Hemisphere âll A climatological analysis. 2008 , 25, 367-380	22
1791	Prediction of the Asian-Australian monsoon interannual variations with the Grid-Point atmospheric model of IAP LASG (GAMIL). 2008 , 25, 387-394	28
1790	A fast version of LASG/IAP climate system model and its 1000-year control integration. 2008 , 25, 655-672	39
1789	The springtime North Asia cyclone activity index and the Southern Annular Mode. 2008, 25, 673-679	11
1788	Sensitivity of the Indian monsoon to human activities. 2008 , 25, 932-945	4
1787	Asian summer monsoon precipitation recorded by stalagmite oxygen isotopic composition in the western Loess Plateau during AD1875â\(\textit{D}003\) and its linkage with ocean-atmosphere system. 2008 , 53, 2041-2049	17

(2008-2008)

1786	Interdecadal variations of East Asian summer monsoon northward propagation and influences on summer precipitation over East China. 2008 , 100, 101-119	23
1785	Long lead monsoon rainfall prediction for meteorological sub-divisions of India using deterministic artificial neural network model. 2008 , 101, 93-108	27
1784	Temperature variability over the Indian Ocean and its relationship with Indian summer monsoon rainfall. 2008 , 92, 31-45	40
1783	Simulation of West African monsoon using RegCM3 Part II: impacts of deforestation and desertification. 2008 , 93, 245-261	101
1782	Anomalous Meiyu onset averaged over the Yangtze River valley. 2008 , 94, 81-95	9
1781	Seasonal persistence and propagation of intraseasonal patterns over the Indian monsoon region. 2008 , 30, 353-369	113
1780	Seasonal rotation features of wind vectors and application to evaluate monsoon simulations in AMIP models. 2008 , 31, 417-432	10
1779	Analysis of Indian monsoon daily rainfall on subseasonal to multidecadal time-scales using a hidden Markov model. 2008 , 134, 875-887	25
1778	Trends in the boreal summer regional Hadley and Walker circulations as expressed in precipitation records from Asia and Africa during the latter half of the 20th century. 2008 , 28, 563-578	19
1777	Global summer monsoon rainy seasons. 2008 , 28, 1563-1578	79
1777 1776	Global summer monsoon rainy seasons. 2008, 28, 1563-1578 Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008, 28, 1579-1587	79 56
	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008	
1776	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008 , 28, 1579-1587 Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. 2008 ,	56
1776 1775	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008, 28, 1579-1587 Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. 2008, 28, 1849-1859 Tree-ring based drought reconstruction in the central Hengduan Mountains region (China) since	56 118
1776 1775 1774	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008, 28, 1579-1587 Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. 2008, 28, 1849-1859 Tree-ring based drought reconstruction in the central Hengduan Mountains region (China) since A.D. 1655. 2008, 28, 1879-1887 Regional scale prediction of the onset phase of the Indian southwest monsoon with a	56 118 84
1776 1775 1774 1773	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008, 28, 1579-1587 Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. 2008, 28, 1849-1859 Tree-ring based drought reconstruction in the central Hengduan Mountains region (China) since A.D. 1655. 2008, 28, 1879-1887 Regional scale prediction of the onset phase of the Indian southwest monsoon with a high-resolution atmospheric model. 2008, 9, 237-244 Common tree growth anomalies over the northeastern Tibetan Plateau during the last six	56 118 84 5
1776 1775 1774 1773	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. 2008, 28, 1579-1587 Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. 2008, 28, 1849-1859 Tree-ring based drought reconstruction in the central Hengduan Mountains region (China) since A.D. 1655. 2008, 28, 1879-1887 Regional scale prediction of the onset phase of the Indian southwest monsoon with a high-resolution atmospheric model. 2008, 9, 237-244 Common tree growth anomalies over the northeastern Tibetan Plateau during the last six centuries: implications for regional moisture change. 2008, 14, 2096-2107 Late Neogene radiolarian absence event in the southern South China Sea and its	5611884555

1768	Warm pool thermodynamics from the Arabian Sea Monsoon Experiment (ARMEX). <i>Journal of Geophysical Research</i> , 2008 , 113,	17
1767	Space-time variability of equatorial Kelvin waves and intraseasonal oscillations around the tropical tropopause. <i>Journal of Geophysical Research</i> , 2008 , 113,	23
1766	Regional summer precipitation events in Asia and their changes in the past decades. <i>Journal of Geophysical Research</i> , 2008 , 113,	87
1765	Benthic foraminiferal faunal and isotopic changes as recorded in Holocene sediments of the northwest Indian Ocean. 2008 , 23, n/a-n/a	18
1764	Are Tropical Streams Ecologically Different from Temperate Streams?. 2008, 257-284	68
1763	Tipping elements in the Earth's climate system. 2008 , 105, 1786-93	1960
1762	Advanceâfetreat history of the East-Asian summer monsoon rainfall belt over northern China during the last two glacialâſhterglacial cycles. 2008 , 274, 499-510	132
1761	Global monsoon: Dominant mode of annual variation in the tropics. 2008 , 44, 165-183	276
1760	Late Holocene monsoonal temperate glacier fluctuations on the Tibetan Plateau. 2008, 60, 126-140	84
1759	Uncertainties in climate change prediction: El Ni ô -Southern Oscillation and monsoons. 2008 , 60, 265-288	50
1758	Coupled interactions of the monsoons. 2008 , 35, n/a-n/a	20
1757	Study on impact of the South Asian summer monsoon on the down-valley wind on the northern slope of Mt. Everest. 2008 , 35,	19
1756	Sea surface temperature differences between the western equatorial Pacific and northern South China Sea since the Pliocene and their paleoclimatic implications. 2008 , 35,	23
1755	Changes in global land monsoon area and total rainfall accumulation over the last half century. 2008 , 35,	109
1754	Interdecadal modulation of PDO on the impact of ENSO on the east Asian winter monsoon. 2008 , 35,	249
1753	Aerosol optical depth variability over Arabian Sea during drought and normal years of Indian monsoon. 2008 , 35,	27
1752	Summer temperature reconstruction on the central Tibetan Plateau during 1860â\(\textit{1002}\) derived from annually resolved ice core pollen. <i>Journal of Geophysical Research</i> , 2008 , 113,	15
1751	Simulation of local air-sea interaction in the great warm pool and its influence on Asian monsoon. Journal of Geophysical Research, 2008, 113,	22

1750	Notes of numerical simulation of summer rainfall in China with a regional climate model REMO. 2008 , 25, 999-1008	7
1749	A tree-ring record of 500-year dry-wet changes in northern Tibet, China. 2008 , 18, 579-588	43
1748	Southern Indian Ocean SST variability and its relationship with Indian summer monsoon. 2008 , 46, 361-376	4
1747	ITF and Poleward Heat Transport of Indian Ocean. 2008 , 31, 213-221	1
1746	Role of Retrospective Forecasts of GCMs Forced with Persisted SST Anomalies in Operational Streamflow Forecasts Development. 2008 , 9, 212-227	37
1745	A Remote Sensing Survey of the Role of Landform on the Organization of Orographic Precipitation in Central and Southern Mexico. 2008 , 9, 1267-1283	19
1744	Objective Identification of Nonlinear Convectively Coupled Phases of Monsoon Intraseasonal Oscillation: Implications for Prediction. 2008 , 65, 1549-1569	55
1743	Simulations and Seasonal Prediction of the Asian Summer Monsoon in the NCEP Climate Forecast System. 2008 , 21, 3755-3775	132
1742	Sensitivity of MJO Simulation and Predictability to Sea Surface Temperature Variability. 2008, 21, 5304-5317	32
1741	The Role of the Western Arabian Sea Upwelling in Indian Monsoon Rainfall Variability. 2008 , 21, 5603-5623	182
1740	Ocean Forcing to Changes in Global Monsoon Precipitation over the Recent Half-Century. 2008, 21, 3833-3852	2186
1739	Possible Role of the Indian Ocean in the In-Phase Transition of the Indian-to-Australian Summer Monsoon. 2008 , 21, 5727-5741	14
1738	Timing of El Ni ô â R elated Warming and Indian Summer Monsoon Rainfall. 2008 , 21, 2711-2719	12
1737	The Intraseasonal Variability of the Indian Summer Monsoon Using TMI Sea Surface Temperatures and ECMWF Reanalysis. 2008 , 21, 2519-2539	27
1736	Windâ E vaporation Feedback and Abrupt Seasonal Transitions of Weak, Axisymmetric Hadley Circulations. 2008 , 65, 2194-2214	15
1735	The First Transition of the Asian Summer Monsoon, Intraseasonal Oscillation, and Taiwan Mei-yu. 2008 , 21, 1552-1568	26
1734	WindâEvaporation Feedback and the Axisymmetric Transition to Angular MomentumâConserving Hadley Flow. 2008 , 65, 3758-3778	10
1733	Absorbing Aerosols and Summer Monsoon Evolution over South Asia: An Observational Portrayal. 2008 , 21, 3221-3239	128

1732	Northern hemisphere controls on tropical southeast African climate during the past 60,000 years. 2008 , 322, 252-5	433
1731	The Importance of High-Frequency Sea Surface Temperature Variability to the Intraseasonal Oscillation of Indian Monsoon Rainfall. 2008 , 21, 6119-6140	41
1730	Quasi-Biweekly Oscillation of the Convection around Sumatra and Low-Level Tropical Circulation in Boreal Spring. 2008 , 136, 189-205	17
1729	Individual and combined effects of ice sheets and precession on MIS-13 climate. 2009 , 5, 229-243	48
1728	Variability of summer precipitation over Eastern China during the last millennium. 2009 , 5, 129-141	27
1727	Impact of ENSO on Summer Monsoon in Southern Parts of Pakistan. 2009,	1
1726	Bimodal variation of SST and related physical processes over the North Indian Ocean: special emphasis on satellite observations. 2009 , 30, 5865-5876	6
1725	Vulnerability to Climate Change of Nature-Based Tourism in the Nepalese Himalayas. 2009 , 11, 95-119	80
1724	Seasonality and Interannual Variability of the Westerly Jet in the Tibetan Plateau Region*. 2009 , 22, 2940-2957	265
1723	Inter-Comparison of Numerical Model Generated Surface Winds with QuikSCAT Winds over the Indian Ocean. 2009 , 32, 391-408	3
1722	Diurnal variations of summertime precipitation over the Tibetan Plateau in relation to orographically-induced regional circulations. 2009 , 4, 045203	46
1721	On the Relationship between Latitude and Altitude Temperature Effects. 2009,	5
1720	A Review of the Asian-Pacific Monsoon. 2009 , 2, 91-96	4
1719	Seasonal-to-Interannual Variability of Ethiopia/Horn of Africa Monsoon. Part I: Associations of Wavelet-Filtered Large-Scale Atmospheric Circulation and Global Sea Surface Temperature. 2009 , 22, 3396-3421	76
1718	Uncertainties of Estimates of Inertiaâ©ravity Energy in the Atmosphere. Part II: Large-Scale Equatorial Waves. 2009 , 137, 3858-3873	13
1717	Regimes of the North Australian Wet Season. 2009 , 22, 6699-6715	63
1716	Differences in Draft Core Statistics from the Wet to Dry Spell over Gadanki, India (13.5°N, 79.2°E). 2009 , 137, 4293-4306	25
1715	Basic mechanism for abrupt monsoon transitions. 2009 , 106, 20572-7	95

1714	MJO Simulation Diagnostics. 2009 , 22, 3006-3030	238
1713	Periodic temperature-associated drought/flood drives locust plagues in China. 2009 , 276, 823-31	37
1712	Large-scale atmospheric circulation and global sea surface temperature associations with Horn of Africa JuneâBeptember rainfall. 2009 , 29, 1075-1100	107
1711	Climate prediction for Brazil's Nordeste by empirical and numerical modeling methods. 2009 , 29, 921-926	12
1710	Spatial and temporal variability of precipitation over China, 1951â\(\mathbb{Q}\)005. 2009 , 95, 53-68	109
1709	Patterns of Pacific decadal variability recorded by Indian Ocean corals. 2009 , 98, 41-52	22
1708	Western Indian Ocean marine and terrestrial records of climate variability: a review and new concepts on landâBcean interactions since AD 1660. 2009 , 98, 115-133	28
1707	Climate impacts of land-use change in China and its uncertainty in a global model simulation. 2009 , 32, 473-494	28
1706	Wind onset and withdrawal of Asian summer monsoon and their simulated performance in AMIP models. 2009 , 32, 935-968	69
1705	On the atmospheric dynamical responses to land-use change in East Asian monsoon region. 2009 , 33, 409-426	20
1704	Spatio-temporal variability and predictability of summer monsoon onset over the Philippines. 2009 , 33, 1159-1177	39
1703	Summer monsoon onset over Kerala: New definition and prediction. 2009 , 118, 123-135	86
1702	Impact of vegetation on the simulation of seasonal monsoon rainfall over the Indian subcontinent using a regional model. 2009 , 118, 413-440	14
1701	A new index to describe the tropical Asian summer monsoon. 2009 , 52, 843-854	1
1700	Global monsoon in a geological perspective. 2009 , 54, 1113-1136	120
1699	Modeling impacts of East Asian Ocean-Land thermal contrast on spring southwesterly winds and rainfall in eastern China. 2009 , 54, 4733-4741	11
1698	Impacts of global warming on patterns of temperature change in China. 2009, 6, 405-410	4
1697	Cold event at 5 500 a BP recorded in mud sediments on the inner shelf of the East China Sea. 2009 , 27, 975-984	16

1696	The ENSOâB effect on eastern China rainfall in the following early summer. 2009 , 26, 333-342	57
1695	Potential impacts of land-use on climate variability and extremes. 2009 , 26, 840-854	14
1694	Cloud radiative forcing in Asian monsoon region simulated by IPCC AR4 AMIP models. 2009 , 26, 923-939	14
1693	Recent progress in studies on land cover change and its regional climatic effects over China during historical times. 2009 , 26, 793-802	10
1692	Large-scale controls on Ganges and Brahmaputra river discharge on intraseasonal and seasonal time-scales. 2009 , 135, 353-370	57
1691	Annual intensification of the Somali jet in a quasi-equilibrium framework: Observational composites. 2009 , 135, 319-335	55
1690	Subseasonal extremes of precipitation and active-break cycles of the Indian summer monsoon in a climate-change scenario. 2009 , 135, 549-567	37
1689	Differences in raindrop size distribution from southwest monsoon to northeast monsoon at Gadanki. 2009 , 135, 1630-1637	52
1688	A Strategic Framework for Monitoring Coastal Change in Australia's Wet-dry Tropics âlConcepts and Progress. 2009 , 47, 109-123	5
1687	Holocene environmental change in the marginal area of the Asian monsoon: a record from Zhuye Lake, NW China. 2009 , 38, 349-361	57
1686	Oscillation of wind temperature humidity in the atmospheric surface layer over tropical semi-arid stations. 2009 , 71, 618-624	
1685	Signature of atmospheric oscillations in GPS-measured tropospheric delay. 2009 , 71, 1784-1793	1
1684	Teleconnections into South America from the Tropics and Extratropics on Interannual and Intraseasonal Timescales. 2009 , 159-191	45
1683	Tree ring density-based summer temperature reconstruction for the central Hengduan Mountains in southern China. 2009 , 65, 1-11	112
1682	Temperature changes on the Tibetan Plateau during the past 600 years inferred from ice cores and tree rings. 2009 , 69, 71-78	45
1681	Oscillations in the southern extent of the Indo-Pacific Warm Pool during the mid-Holocene. 2009 , 28, 2794-2803	98
1680	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. 2009 , 28, 3246-3262	98
1679	How old is pastoralism in Tibet? An ecological approach to the making of a Tibetan landscape. 2009 , 276, 130-147	166

1678	Spatial variability of monthly and annual rainfall data over Southern Tunisia. 2009 , 93, 832-839	30
1677	Enhanced pre-monsoon warming over the Himalayan-Gangetic region from 1979 to 2007. 2009 , 36, n/a-n/a	166
1676	Summer monsoon moisture variability over China and Mongolia during the past four centuries. 2009 , 36,	37
1675	Role of stratiform rainfall in modifying the northward propagation of monsoon intraseasonal oscillation. <i>Journal of Geophysical Research</i> , 2009 , 114,	48
1674	Local air-sea interaction in Intertropical Convergence Zone simulations. <i>Journal of Geophysical Research</i> , 2009 , 114,	3
1673	Objective determination of monsoon season onset, withdrawal, and length. <i>Journal of Geophysical Research</i> , 2009 , 114,	45
1672	Data mining for evolution of association rules for droughts and floods in India using climate inputs. Journal of Geophysical Research, 2009 , 114,	31
1671	Influence of Indian Ocean Dipole on boreal summer intraseasonal oscillations in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2009 , 114,	16
1670	Assessing the regional variability of GCM simulations. 2009 , 36, n/a-n/a	36
1669	Suppression of south Asian summer monsoon precipitation in the 21st century. 2009 , 36,	182
1668	Measured turbulent heat transfer on the northern slope of Mt. Everest and its relation to the south Asian summer monsoon. 2009 , 36,	12
1667	Understanding Changes in the Asian Summer Monsoon over the Past Millennium: Insights from a Long-Term Coupled Model Simulation*. 2009 , 22, 1736-1748	33
1666	Annual Cycle of Rainfall in the Western North Pacific and East Asian Sector. 2009, 22, 2073-2094	32
1665	Predicting Extreme Phases of the Indian Summer Monsoon*. 2009 , 22, 346-363	33
1664	Impacts of the Maddenâllulian Oscillation on Australian Rainfall and Circulation. 2009, 22, 1482-1498	203
1663	Regional Climate Change in Tropical and Northern Africa due to Greenhouse Forcing and Land Use Changes. 2009 , 22, 114-132	165
1662	A daytime climatological distribution of high opaque ice cloud classes over the Indian summer monsoon region observed from 25-year AVHRR data. 2009 , 9, 4185-4196	16
1661	Monsoon Climate Variabilities. 2010 , 27-51	21

1660	Atmospheric pollutant outflow from southern Asia: a review. 2010 , 10, 11017-11096	344
1659	Atmospheric Brown Clouds in the Himalayas: first two years of continuous observations at the Nepal Climate Observatory-Pyramid (5079 m). 2010 , 10, 7515-7531	202
1658	Dynamical response of the tropical Pacific Ocean to solar forcing during the early Holocene. 2010 , 330, 1378-81	110
1657	Comparisons of soil moisture datasets over the Tibetan Plateau and application to the simulation of Asia summer monsoon onset. 2010 , 27, 303-314	14
1656	The relationship between the Aleutian Low and the Australian summer monsoon at interannual time scales. 2010 , 27, 177-184	7
1655	A reconstructed dynamic Indian monsoon index extended back to 1880. 2010 , 34, 573-585	18
1654	Reconstructed droughts for the southeastern Tibetan Plateau over the past 568 years and its linkages to the Pacific and Atlantic Ocean climate variability. 2010 , 35, 577-585	96
1653	Understanding the West African monsoon variability and its remote effects: an illustration of the grid point nudging methodology. 2010 , 35, 159-174	19
1652	How are seasonal prediction skills related to modelsalperformance on mean state and annual cycle?. 2010 , 35, 267-283	122
1651	An isolated carbonate knoll in the Timor Sea (Sahul Shelf, NW Australia): facies zonation and sediment composition. 2010 , 56, 179-193	9
1650	Regional features of precipitation over Asia and summer extreme precipitation over Southeast Asia and their associations with atmosphericaBceanic conditions. 2010 , 106, 57-73	37
1649	Interhemispheric atmospheric mass oscillation and its relation to interannual variations of the Asian monsoon in boreal summer. 2010 , 53, 1343-1350	5
1648	Active and break spells of the Indian summer monsoon. 2010 , 119, 229-247	362
1647	Last glacial climate variations on the tropical Leizhou Peninsula, South China. 2010 , 44, 777-788	7
1646	Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurleg Lake, Northwest China. 2010 , 44, 995-1008	52
1645	Asynchronous evolution of the Indian and East Asian Summer Monsoon indicated by Holocene moisture patterns in monsoonal central Asia. 2010 , 103, 135-153	240
1644	Textural and carbon isotopic evidence of monsoonal changes recorded in a composite-type speleothem from Korea since MIS 5a. 2010 , 74, 100-112	8
1643	Effect of late 1970's climate shift on tropospheric biennial oscillationâEole of local Indian Ocean processes on Asian summer monsoon. 2010 , 30, 509-521	12

(2010-2010)

1642	Twice wind onsets of monsoon over the western North Pacific and their simulations in AMIP models. 2010 , 30, 582-600	2
1641	Inter-decadal variability of Tibetan spring vegetation and its associations with eastern China spring rainfall. 2010 , 30, 856-865	21
1640	Annual temperature history in Southwest Tibet during the last 400 years recorded by tree rings. 2010 , 30, 962-971	32
1639	Seasonal prediction of monsoon rainfall in three Asian river basins: the importance of snow cover on the Tibetan Plateau. 2010 , 30, 1835-1842	26
1638	Interannual variability in the subseasonal northward excursion of the Baiu front. 2010 , 30, 2205-2216	8
1637	On factors responsible for recent secular trend in the onset phase of monsoon intraseasonal oscillations. 2010 , 30, 2240-2246	23
1636	Periodicities in Indian monsoon rainfall over spectrally homogeneous regions. 2010 , 30, 2289-2298	28
1635	Biogeography of the Australian monsoon tropics. 2010 , 37, 201-216	231
1634	Contribution of oceanic and vegetation feedbacks to Holocene climate change in monsoonal Asia. 2010 , 6, 195-218	46
1633	The Genesis of Tropical Cyclone Nargis (2008): Environmental Modulation and Numerical Predictability. 2010 , 88, 497-519	18
1632	Orbital and suborbital variability in the equatorial Indian Ocean as recorded in sediments of the Maldives Ridge (ODP Hole 716A) during the past 444 ka. 2010 , 342, 17-27	3
1631	Evolution of the Indian summer monsoon: synthesis of continental records. 2010 , 342, 153-183	11
1630	A 622-year regional temperature history of southeast Tibet derived from tree rings. 2010 , 20, 181-190	58
1629	Appearance of extreme monsoonal rainfall events and their impact on erosion in the Himalaya. 2010 , 1, 37-50	73
1628	Non-stationary response of Plio-Pleistocene East Asian winter monsoon variation to ice volume forcing. 2010 , 342, 79-86	5
1627	Spatial and temporal patterns of variations in tree growth over the northeastern Tibetan Plateau during the period AD 1450-2001. 2010 , 20, 1235-1245	28
1626	Monsoon evolution and tectonics-climate linkage in Asia: an introduction. 2010 , 342, 1-4	8
1625	Geochemical records in the South China Sea: implications for East Asian summer monsoon evolution over the last 20 Ma. 2010 , 342, 245-263	36

1624 Spatial and Temporal Distribution of Latent Heating in the South Asian Monsoon Region. 2010, 23, 2010-2029 25 Weakening of the Winter Monsoon and Abrupt Increase of Winter Rainfalls over Northern Taiwan 1623 and Southern China in the Early 1980s. **2010**, 23, 2357-2367 1622 Climate Adjustments over Africa Accompanying the Indian Monsoon Onset. 2010, 23, 2047-2064 25 Observed and Modeled Changes in the South Asian Summer Monsoon over the Historical Period*. 1621 40 **2010**, 23, 5193-5205 1620 The Delayed Effect of Major El Niê Events on Indian Monsoon Rainfall. 2010, 23, 932-946 47 Breakdown and Reformation of the Intertropical Convergence Zone in a Moist Atmosphere. 2010, 1619 67, 1247-1260 1618 A Dynamical Index for the East Asian Winter Monsoon. 2010, 23, 4255-4262 98 Analysis of Intraseasonal and Interannual Variability of the Asian Summer Monsoon Using a Hidden 1617 28 Markov Model. 2010, 23, 5498-5516 Data Evaluation for a Newly Developed Slack-Line Mooring Buoy Deployed in the Eastern Indian 1616 10 Ocean. 2010, 27, 1195-1214 Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope 58 Stage 5. 2010, 38, 243-246 Evaluation of a Dynamical Basis for Advance Forecasting of the Date of Onset of Monsoon Rainfall 1614 25 over India. 2010, 138, 3120-3141 Performance of the New NCAR CAM3.5 in East Asian Summer Monsoon Simulations: Sensitivity to 105 1613 Modifications of the Convection Scheme. 2010, 23, 3657-3675 Orographic Controls on Climate and Paleoclimate of Asia: Thermal and Mechanical Roles for the 1612 501 Tibetan Plateau. 2010, 38, 77-102 Intraseasonal response of mixed layer temperature and salinity in the Bay of Bengal to heat and 1611 46 freshwater flux. Journal of Geophysical Research, 2010, 115, Impacts of Asian summer monsoon on seasonal and interannual variations of aerosols over eastern 1610 74 China. Journal of Geophysical Research, 2010, 115, Quasi-stationary temperature structure in the upper troposphere over the tropical Indian Ocean 1609 12 inferred from radio occultation data. Journal of Geophysical Research, 2010, 115, Analysis of the Indian summer monsoon system in the regional climate model COSMO-CLM. Journal 1608 61 of Geophysical Research, 2010, 115, Physical mechanisms of the seasonal, subseasonal, and high-frequency variability in the seasonal 1607 15 cycle of summer precipitation in Korea. Journal of Geophysical Research, 2010, 115,

(2011-2010)

1606	Toward a complete Himalayan hydrological budget: Spatiotemporal distribution of snowmelt and rainfall and their impact on river discharge. <i>Journal of Geophysical Research</i> , 2010 , 115,	674
1605	Precession phasing offset between Indian summer monsoon and Arabian Sea productivity linked to changes in Atlantic overturning circulation. 2010 , 25,	52
1604	Premonsoon aerosol characterization and radiative effects over the Indo-Gangetic Plains: Implications for regional climate warming. <i>Journal of Geophysical Research</i> , 2010 , 115,	165
1603	Orbital-scale timing and mechanisms driving Late Pleistocene Indo-Asian summer monsoons: Reinterpreting cave speleothem [180. 2010 , 25, n/a-n/a	240
1602	Climate change. Toward understanding and predicting monsoon patterns. 2010 , 328, 437-8	32
1601	The Indonesian throughflow during 2004â2006 as observed by the INSTANT program. 2010 , 50, 115-128	198
1600	The variation of summer monsoon precipitation in central China since the last deglaciation. 2010 , 291, 21-31	303
1599	Lessons learned from oxygen isotopes in modern precipitation applied to interpretation of speleothem records of paleoclimate from eastern Asia. 2010 , 295, 219-230	185
1598	Tree ring recorded MayâAugust temperature variations since A.D. 1585 in the Gaoligong Mountains, southeastern Tibetan Plateau. 2010 , 296, 94-102	57
1597	Understanding of anomalous Indian Summer Monsoon rainfall of 2002 and 1994. 2010 , 213, 20-32	20
1596	Evolution of Asian monsoon variability revealed by oxygen isotopic record of middle Holocene massive coral in the northern South China Sea. 2010 , 213, 56-68	11
1595	Late Holocene isotope hydrology of Lake Qinghai, NE Tibetan Plateau: effective moisture variability and atmospheric circulation changes. 2010 , 29, 2215-2223	100
1594	Are intraseasonal summer rainfall events micro monsoon onsets over the western edge of the South-Asian monsoon?. 2010 , 98, 341-346	19
1593	Regional, Seasonal, and Diurnal Variations of Extreme Convection in the South Asian Region. 2010 , 23, 419-439	196
1592	Evaporation-precipitation changes in the eastern Arabian Sea for the last 68 ka: Implications on monsoon variability. 2010 , 25,	77
1591	Observational evidence that agricultural intensification and land use change may be reducing the Indian summer monsoon rainfall. 2010 , 46,	114
1590	Mixed layer processes of the Arabian Sea Warm Pool during spring intermonsoon: a study based on observational and satellite data. 2011 , 32, 5425-5441	6
1589	Regionalization of Present-Day Precipitation in the Greater Monsoon Region of Asia*. 2011 , 24, 4073-4095	50

1588	Late Holocene Asian summer monsoon variability reflected by 🛮 80 in tree-rings from Tibetan junipers. 2011 , 38, n/a-n/a	90
1587	Modulation of SST, SSS over northern Bay of Bengal on ISO time scale. <i>Journal of Geophysical Research</i> , 2011 , 116,	30
1586	Evidence for decreasing South Asian summer monsoon in the past 160 years from varved sediment in Lake Xinluhai, Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2011 , 116,	25
1585	The role of air-sea interaction over the Indian Ocean in the in-phase transition from the Indian summer monsoon to the Australian boreal winter monsoon. <i>Journal of Geophysical Research</i> , 2011 , 116,	1
1584	Recent trends of the tropical hydrological cycle inferred from Global Precipitation Climatology Project and International Satellite Cloud Climatology Project data. <i>Journal of Geophysical Research</i> , 2011 , 116,	77
1583	Interannual teleconnections between the summer North Atlantic Oscillation and the East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2011 , 116,	80
1582	Influence of the annual cycle of sea surface temperature on the monsoon onset. <i>Journal of Geophysical Research</i> , 2011 , 116,	33
1581	Can El NiôâBouthern Oscillation (ENSO) events modulate intraseasonal oscillations of Indian summer monsoon?. <i>Journal of Geophysical Research</i> , 2011 , 116,	17
1580	The leading mode of Indian Summer Monsoon precipitation variability during the last millennium. 2011 , 38,	168
1579	Co-existence of temperature and amount effects on precipitation 🛮 80 in the Asian monsoon region. 2011 , 38, n/a-n/a	20
1578	Monsoon intraseasonal oscillations as simulated by the superparameterized Community Atmosphere Model. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a	15
1577	Glacial to Holocene swings of the Australianâlhdonesian monsoon. 2011 , 4, 540-544	91
1576	Descriptive Physical Oceanography - Pages 513-543. 2011 , 513-543	
1575	Abrupt Climate Change: A Paleoclimate Perspective From the World's Highest Mountains. 2011 , 215-233	1
1574	Decadal Variability of AsianâAustralian MonsoonâENSOâTBO Relationships. 2011 , 24, 4925-4940	43
1573	Characteristics of Precipitating Convective Systems in the South Asian Monsoon. 2011 , 12, 3-26	160
1572	Prediction of Indian summer monsoon rainfall using Niê indices: A neural network approach. 2011 , 102, 99-109	59
1571	Variations of Indian summer monsoon rainfall induce the weakening of easterly jet stream in the warming environment?. 2011 , 75, 21-30	26

1570	Plant communities of central Tibetan pastures in the Alpine Steppe/Kobresia pygmaea ecotone. 2011 , 75, 711-723	66
1569	Records of late-Holocene East Asian winter monsoon in the East China Sea: Key grain-size component of quartz versus bulk sediments. 2011 , 230, 106-114	32
1568	Tree-ring based annual precipitation reconstruction since AD 1480 in south central Tibet. 2011 , 236, 75-81	28
1567	A global context for megadroughts in monsoon Asia during the past millennium. 2011 , 30, 47-62	135
1566	An updated astronomical timescale for the Plio-Pleistocene deposits from South China Sea and new insights into Asian monsoon evolution. 2011 , 30, 1560-1575	26
1565	The precession phase of hydrological variability in the Western Pacific Warm Pool during the past 400 ka. 2011 , 30, 3716-3727	51
1564	Enhanced spring convective barrier for monsoons in a warmer world?. 2011 , 104, 403-414	79
1563	Insights from a joint analysis of Indian and Chinese monsoon rainfall data. 2011 , 15, 2709-2715	7
1562	Vertical variation of low-frequency oscillations in UHF radar derived winds at a tropical Indian station. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a	3
1561	El Ni ô -Southern Oscillation and water resources in the headwaters region of the Yellow River: links and potential for forecasting. 2011 , 15, 1273-1281	24
1560	The influence of land cover change in the Asian monsoon region on present-day and mid-Holocene climate. 2011 , 8, 1499-1519	33
1559	Regional climate model experiments to investigate the Asian monsoon in the Late Miocene. 2011 , 7, 847-868	29
1558	Four climate change scenarios for the Indian summer monsoon by the regional climate model COSMO-CLM. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a	39
1557	Environmental prediction, risk assessment and extreme events: adaptation strategies for the developing world. 2011 , 369, 4768-97	20
1556	Seasonal variability of salt transport during the Indian Ocean monsoons. <i>Journal of Geophysical Research</i> , 2011 , 116,	16
1555	Distribution of non-marine diatoms in surface sediments of streams in Socotra Island, Yemen. 2011 , 2011,	1
1554	Sensitive grain-size records of Holocene East Asian summer monsoon in sediments of northern South China Sea slope. 2011 , 75, 734-744	46
1553	The monsoon imprint during the alltypicalalMIS 13 as seen through north and equatorial Indian Ocean records. 2011 , 76, 285-293	8

1552	Terrestrial invasion of pomatiopsid gastropods in the heavy-snow region of the Japanese Archipelago. 2011 , 11, 118	23
1551	Impact of MJO on the intraseasonal variation of summer monsoon rainfall over India. 2011 , 36, 41-55	97
1550	Effects of increased CO2 levels on monsoons. 2011 , 37, 83-101	74
1549	Interannual relationships between Indian Summer Monsoon and Indo-Pacific coupled modes of variability during recent decades. 2011 , 37, 1019-1043	21
1548	The sensitivity of the Indian summer monsoon to a global warming of 2°C with respect to pre-industrial times. 2011 , 37, 1843-1868	41
1547	Factors controlling JanuaryâApril rainfall over southern India and Sri Lanka. 2011 , 37, 493-507	9
1546	A westward extension of the warm pool leads to a westward extension of the Walker circulation, drying eastern Africa. 2011 , 37, 2417-2435	350
1545	An assessment of monsoon precipitation changes during 1901â0001. 2011 , 37, 279-296	61
1544	A non-parametric, statistical downscaling algorithm applied to the Rohini River Basin, Nepal. 2011 , 103, 375-386	5
1543	Performance of GCMs for seasonal prediction over Indiaâ case study for 2009 monsoon. 2011 , 105, 505-520	38
1542	A comparison of East Asian summer monsoon simulations from CAM3.1 with three dynamic cores. 2011 , 106, 295-306	7
1541	Present climate trend analysis of the Etesian winds in the Aegean Sea. 2011 , 106, 459-472	48
1540	Coral extension rates in the NW Indian Ocean I: reconstruction of 20th century SST variability and monsoon current strength. 2011 , 31, 141-154	20
1539	Coral extension rates in the NW Indian Ocean II: reconstruction of 20th century Indian monsoon strength and rainfall over India. 2011 , 31, 155-162	7
1538	Impacts of land process on the onset and evolution of Asian summer monsoon in the NCEP climate forecast system. 2011 , 28, 1301-1317	17
1537	Evaluation of Short-Range Forecasts from a Mesoscale Model Over the Indian Region During Monsoon 2006. 2011 , 168, 919-943	12
1536	Experimental real-time multi-model ensemble (MME) prediction of rainfall during monsoon 2008: Large-scale medium-range aspects. 2011 , 120, 27-52	22
1535	Onset of East Asian subtropical summer monsoon and rainy season in China. 2011 , 54, 1845-1853	31

1534	Late Holocene paleoenvironmental changes in the southern Okinawa Trough inferred from a diatom record. 2011 , 56, 1131-1138	15
1533	Early Pleistocene formation of the asymmetric east-west pattern of upper water structure in the equatorial Pacific Ocean. 2011 , 56, 2251-2257	3
1532	Characteristics of decadal-centennial-scale changes in East Asian summer monsoon circulation and precipitation during the Medieval Warm Period and Little Ice Age and in the present day. 2011 , 56, 3003	37
1531	Speleothem-derived Asian summer monsoon variations in Central China, 54âØ6 ka. 2011 , 26, 781-790	69
1530	Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. 2011 , 31, 847-862	41
1529	Identification of periodicity in the relationship between PDO, El Ni ò and peak monsoon rainfall in India using S-transform analysis. 2011 , 31, 1507-1517	21
1528	Dynamical simulation of Indian summer monsoon circulation, rainfall and its interannual variability using a high resolution atmospheric general circulation model. 2011 , 31, 1927-1942	20
1527	Influence of interannual variations in transport on summertime abundances of ozone over the Middle East. <i>Journal of Geophysical Research</i> , 2011 , 116,	25
1526	Multi-decadal modulation of the El Niôâlhdian monsoon relationship by Indian Ocean variability. 2011 , 6, 034006	50
1525	Anthropogenic aerosols and the weakening of the South Asian summer monsoon. 2011 , 334, 502-5	723
1524	Time Scales of Variability of the Tropical Atmosphere Derived from Cloud-Defined Weather States. 2011 , 24, 602-608	10
1523	The Apparent Water Vapor Sinks and Heat Sources Associated with the Intraseasonal Oscillation of the Indian Summer Monsoon. 2011 , 24, 4466-4479	26
1522	Climate and the Oceans. 2011, 1-36	1
1521	Regional Modeling of Climate Change Impact on Peninsular Malaysia Water Resources. 2011 , 16, 1040-1049	29
1520	A Far-Reaching Footprint of the Tropical Pacific Meridional Mode on the Summer Rainfall over the Yellow River Loop Valley. 2011 , 24, 2585-2598	22
1519	Dynamics and Thermodynamics of the Regional Response to the Indian Monsoon Onset. 2011 , 24, 5879-5886	9
1518	The Asian Monsoon in the Superparameterized CCSM and Its Relationship to Tropical Wave Activity. 2011 , 24, 5134-5156	58
1517	Observational study of cloud base height and its frequency over a tropical station, Thiruvananthapuram, using a ceilometer. 2011 , 32, 8505-8518	16

1516	Characteristics of Precipitating Convective Systems in the Premonsoon Season of South Asia. 2011 , 12, 157-180	61
1515	Diagnosis of Local LandâAtmosphere Feedbacks in India. 2011 , 24, 251-266	34
1514	A Numerical Study of the Interaction between the Large-Scale Monsoon Circulation and Orographic Precipitation over South and Southeast Asia. 2012 , 25, 2440-2455	26
1513	The Mechanical Impact of the Tibetan Plateau on the Seasonal Evolution of the South Asian Monsoon. 2012 , 25, 2394-2407	50
1512	A Flash-Flooding Storm at the Steep Edge of High Terrain: Disaster in the Himalayas. 2012 , 93, 1713-1724	80
1511	Different Types of ENSO Influences on the Indian Summer Monsoon Variability. 2012 , 25, 903-920	51
1510	Ocean Surface Impacts on the Seasonal-Mean Precipitation over the Tropical Indian Ocean. 2012 , 25, 3566-3582	20
1509	Interannual Variability of Indian Summer Monsoon arising from Interactions between Seasonal Mean and Intraseasonal Oscillations. 2012 , 69, 1761-1774	23
1508	Monsoon Regimes and Processes in CCSM4. Part I: The Asianâ∆ustralian Monsoon. 2012 , 25, 2583-2608	51
1507	Moist Dynamics of Extended Monsoon Breaks over South Asia. 2012 , 25, 3810-3831	36
1506	Impacts of Model Resolutions and Initial Conditions on Predictions of the Asian Summer Monsoon by the NCEP Climate Forecast System. 2012 , 27, 629-646	14
1505	A statistically predictive model for future monsoon failure in India. 2012 , 7, 044023	34
1504	Thermal controls on the Asian summer monsoon. 2012 , 2, 404	463
1503	Mid-Holocene variability of the East Asian monsoon based on bulk organic 13C and C/N records from the Pearl River estuary, southern China. 2012 , 22, 705-715	34
1502	The footprint of Asian monsoon dynamics in the mass and energy balance of a Tibetan glacier. 2012 , 6, 1445-1461	113
1501	Impacts of El Ni ô -Southern Oscillation and local sea surface temperature on moisture source in Asian-Australian monsoon region in boreal summer. 2012 , 15, 31-38	3
1500	Indo-Gangetic river systems, monsoon and malaria. 2012 , 370, 2216-39	8
1499	Evidence of ENSO mega-drought triggered collapse of prehistory Aboriginal society in northwest Australia. 2012 , 39, n/a-n/a	55

1498	Mechanisms of summer intraseasonal sea surface temperature oscillations in the Bay of Bengal. Journal of Geophysical Research, 2012 , 117,	30
1497	South China Sea throughflow impact on the Indonesian throughflow. 2012 , 39, n/a-n/a	140
1496	Spatiotemporal variation of rainfall over the central Himalayan region revealed by TRMM Precipitation Radar. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	82
1495	Bibliography. 2012 , 531-621	
1494	The dynamic plateau monsoon index and its association with general circulation anomalies. 2012 , 29, 1249-1263	4
1493	Relationship between ENSO and winter rainfall over Southeast China and its decadal variability. 2012 , 29, 1129-1141	28
1492	Characteristics, processes, and causes of the spatio-temporal variabilities of the East Asian monsoon system. 2012 , 29, 910-942	214
1491	Analysis of spatial and temporal extreme monsoonal rainfall over South Asia using complex networks. 2012 , 39, 971-987	168
1490	Mid-Holocene monsoons: a multi-model analysis of the inter-hemispheric differences in the responses to orbital forcing and ocean feedbacks. 2012 , 39, 1457-1487	70
1489	Pacific Ocean sea-surface temperature variability and predictability of rainfall in the early and late parts of the Indian summer monsoon season. 2012 , 39, 1543-1557	16
1488	The role of the intra-daily SST variability in the Indian monsoon variability and monsoon-ENSOâIDD relationships in a global coupled model. 2012 , 39, 729-754	39
1487	Recent change of the global monsoon precipitation (1979âØ008). 2012 , 39, 1123-1135	275
1486	A mechanism for landâDcean contrasts in global monsoon trends in a warming climate. 2012 , 39, 1137-1147	51
1485	Boreal summer continental monsoon rainfall and hydroclimate anomalies associated with the Asian-Pacific Oscillation. 2012 , 39, 1197-1207	35
1484	ENSO, IOD and Indian Summer Monsoon in NCEP climate forecast system. 2012 , 39, 2143-2165	61
1483	Dynamical linkage of tropical and subtropical weather systems to the intraseasonal oscillations of the Indian summer monsoon rainfall. Part I: observations. 2012 , 39, 557-574	4
1482	Stochastic control of Indian megadroughts and megafloods. 2012 , 39, 1801-1821	5
1481	Asian summer monsoon prediction in ECMWF System 4 and NCEP CFSv2 retrospective seasonal forecasts. 2012 , 39, 2975-2991	79

1480	Dynamical linkage of tropical and subtropical weather systems to the intraseasonal oscillations of the Indian summer monsoon rainfall. Part II: Simulations in the ENSEMBLES project. 2012 , 39, 1219-1239	1
1479	Evaporation-precipitation variability over Indian Ocean and its assessment in NCEP Climate Forecast System (CFSv2). 2012 , 39, 2585-2608	51
1478	Improve the prediction of summer precipitation in the Southeastern China by a hybrid statistical downscaling model. 2012 , 117, 121-134	14
1477	Tracking millennial-scale climate change by analysis of the modern summer precipitation in the marginal regions of the Asian monsoon. 2012 , 58, 78-87	34
1476	A continuous record of vegetation and climate change over the past 50,000 years in the Fujian Province of eastern subtropical China. 2012 , 365-366, 115-123	58
1475	Global Distribution of Extreme Precipitation and High-Impact Landslides in 2010 Relative to Previous Years. 2012 , 13, 1536-1551	55
1474	A Model Study of the AirâBea Interaction Associated with the Climatological Aspects and Interannual Variability of the South Asian Summer Monsoon Development. 2012 , 25, 839-857	18
1473	Asian summer monsoonal variations during the Holocene revealed by Huguangyan maar lake sediment record. 2012 , 323-325, 13-21	61
1472	Late Quaternary linkage of sedimentary records to three astronomical rhythms and the Asian monsoon, inferred from a coastal borehole in the south Bohai Sea, China. 2012 , 329-330, 101-117	50
1471	The Interannual Variability of Summer Upper-Tropospheric Temperature over East Asia. 2012 , 25, 6539-6553	23
• • • • • • • • • • • • • • • • • • • •	The Interannual Variability of Summer Upper-Tropospheric Temperature over East Asia. 2012 , 25, 6539-6553 Global patterns of loss of life from landslides. 2012 , 40, 927-930	695
1470		
1470	Global patterns of loss of life from landslides. 2012 , 40, 927-930	695
1470 1469	Global patterns of loss of life from landslides. 2012 , 40, 927-930 Eocene monsoons. 2012 , 44, 3-23 The Holocene Indian monsoon variability over the southern Tibetan Plateau and its	695
1470 1469 1468	Global patterns of loss of life from landslides. 2012, 40, 927-930 Eocene monsoons. 2012, 44, 3-23 The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. 2012, 335-336, 135-144 Possible changes in the characteristics of Indian Summer Monsoon under warmer climate. 2012,	695 115 129
1470 1469 1468	Global patterns of loss of life from landslides. 2012, 40, 927-930 Eocene monsoons. 2012, 44, 3-23 The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. 2012, 335-336, 135-144 Possible changes in the characteristics of Indian Summer Monsoon under warmer climate. 2012, 92-93, 17-29 Evaluation of monsoon seasonality and the tropospheric biennial oscillation transitions in the CMIP	695 115 129
1470 1469 1468 1467 1466	Global patterns of loss of life from landslides. 2012, 40, 927-930 Eocene monsoons. 2012, 44, 3-23 The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. 2012, 335-336, 135-144 Possible changes in the characteristics of Indian Summer Monsoon under warmer climate. 2012, 92-93, 17-29 Evaluation of monsoon seasonality and the tropospheric biennial oscillation transitions in the CMIP models. 2012, 39, Linkage between Seasonal Insolation Gradient in the Tropical Northern Hemisphere and the Sea	695 115 129 12

(2012-2012)

1462	Interannual variability of H218O in precipitation over the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	40
1461	Information-based potential predictability of the Asian summer monsoon in a coupled model. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	15
1460	Late Miocene upward and outward growth of eastern Tibet and decreasing monsoon rainfall over the northwestern Indian subcontinent since ~10 Ma. 2012 , 39, n/a-n/a	29
1459	Amplitude and timing of the Laschamp geomagnetic dipole low from the global atmospheric 10Be overproduction: Contribution of authigenic 10Be/9Be ratios in west equatorial Pacific sediments. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	39
1458	Regional climate model applications on sub-regional scales over the Indian monsoon region: The role of domain size on downscaling uncertainty. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	47
1457	Past Environmental Changes, Future Environmental Challenges. 2012 , 392-411	1
1456	Weather Prediction Models. 2012 , 89-114	
1455	Monsoon Systems, Modeling of. 2012 , 303-329	
1454	Diurnal variations of summer precipitation over the Asian monsoon region as revealed by TRMM satellite data. 2012 , 55, 554-566	33
1453	Climate change and the South Asian summer monsoon. 2012 , 2, 587-595	611
1453 1452	Climate change and the South Asian summer monsoon. 2012 , 2, 587-595 Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012 , 25, 3431-3436	35
1452	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global	
1452 1451	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012 , 25, 3431-3436	35
1452 1451	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012 , 25, 3431-3436 Monsoonal response to mid-holocene orbital forcing in a high resolution GCM. 2012 , 8, 723-740	35 61
1452 1451 1450	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012, 25, 3431-3436 Monsoonal response to mid-holocene orbital forcing in a high resolution GCM. 2012, 8, 723-740 A conceptual model for self-sustained active-break Indian summer monsoon. 2012, 39, A critical humidity threshold for monsoon transitions. 2012, 8, 535-544	35 61 11
1452 1451 1450	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012, 25, 3431-3436 Monsoonal response to mid-holocene orbital forcing in a high resolution GCM. 2012, 8, 723-740 A conceptual model for self-sustained active-break Indian summer monsoon. 2012, 39, A critical humidity threshold for monsoon transitions. 2012, 8, 535-544 Variability of the thermal structure of the atmosphere during wet and dry spells over southeast	35 61 11 21
1452 1451 1450 1449	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. 2012, 25, 3431-3436 Monsoonal response to mid-holocene orbital forcing in a high resolution GCM. 2012, 8, 723-740 A conceptual model for self-sustained active-break Indian summer monsoon. 2012, 39, A critical humidity threshold for monsoon transitions. 2012, 8, 535-544 Variability of the thermal structure of the atmosphere during wet and dry spells over southeast India. 2012, 138, 1839-1851 A neurocomputing approach to predict monsoon rainfall in monthly scale using SST anomaly as a predictor. 2012, 60, 260-279	35 61 11 21 18

1444	Northeast monsoon over India: variability and prediction. 2012 , 19, 226-236	96
1443	Observational and modeling studies of impacts of the South China Sea monsoon on the monsoon rainfall in the middle-lower reaches of the Yangtze River during summer. 2012 , 26, 176-188	1
1442	Observed impact of the South Asian summer monsoon on the local meteorology in the Himalayas. 2012 , 26, 205-215	10
1441	Exploring the climate problems of Brazilâ Nordeste: a review. 2012 , 112, 243-251	94
1440	Multi-year variability or unidirectional trends? Mapping long-term precipitation and temperature changes in continental Southeast Asia using PRECIS regional climate model. 2012 , 113, 285-299	43
1439	Moisture transport over the Arabian Sea associated with summer rainfall over Pakistan in 1994 and 2002. 2012 , 29, 501-508	25
1438	A possible cause for different diurnal variations of warm season rainfall as shown in station observations and TRMM 3B42 data over the southeastern Tibetan plateau. 2012 , 29, 193-200	35
1437	Processes of 30â¤0 days sea surface temperature variability in the northern Indian Ocean during boreal summer. 2012 , 38, 1901-1916	63
1436	Robustness of SST teleconnections and precursory patterns associated with the Indian summer monsoon. 2012 , 38, 2143-2165	35
1435	Mixed layer heat budget of the El Niê in NCEP climate forecast system. 2012 , 39, 365-381	18
1434	Bimodal representation of the tropical intraseasonal oscillation. 2012 , 38, 1989-2000	171
		,
1433	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. 2012 , 38, 2409-2435	27
1433 1432	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. 2012, 38, 2409-2435 Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3). 2012, 109, 81-94	
	variability across monsoonal India. 2012 , 38, 2409-2435 Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3).	27
1432	variability across monsoonal India. 2012 , 38, 2409-2435 Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3). 2012 , 109, 81-94	27
1432 1431	Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3). 2012, 109, 81-94 Ensemble empirical mode decomposition for tree-ring climate reconstructions. 2012, 109, 233-243 Carbon isotope evidence of last glacial climate variations in the tropical NW Leizhou Peninsula,	27 6 25
1432 1431 1430	Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3). 2012, 109, 81-94 Ensemble empirical mode decomposition for tree-ring climate reconstructions. 2012, 109, 233-243 Carbon isotope evidence of last glacial climate variations in the tropical NW Leizhou Peninsula, South China. 2012, 41, 102-112	27 6 25 4

1426 Ski	ill of monthly rainfall forecasts over India using multi-model ensemble schemes. 2012 , 32, 1271-1286	35
	cadal variability in springtime snow over Eurasia: Relation with circulation and possible influence springtime rainfall over China. 2012 , 32, 1336-1345	50
	e tropospheric biennial oscillation in the East Asian monsoon region and its influence on the ecipitation in China and large-scale atmospheric circulation in East Asia. 2012 , 32, 1697-1716	12
	aluation of the DEMETER performance for seasonal hindcasts of the Indian summer monsoon nfall. 2012 , 32, 1717-1729	7
	sociation of the Indian summer monsoon rainfall variability with the geophysical parameters over e Arctic region. 2012 , 32, 2042-2050	9
1421 Cli	mate change, the monsoon, and rice yield in India. 2012 , 111, 411-424	180
	idence for strengthening of the tropical Pacific Ocean surface wind speed during 1979â ☑ 001. 12 , 107, 59-72	18
	âBea interaction and formation of the Asian summer monsoon onset vortex over the Bay of ngal. 2012 , 38, 261-279	52
1418 Mc	odel biases in long coupled runs of NCEP CFS in the context of Indian summer monsoon. 2013 , 33, 1057-106	946
1417 SS	Tâdonvection relation over tropical oceans. 2013 , 33, 1424-1435	34
Se.	Tâdonvection relation over tropical oceans. 2013, 33, 1424-1435 asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of NCMRWF global model products. 2013, 33, 1601-1614	26
1416 Se	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of	
1416 Se the	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of PNCMRWF global model products. 2013 , 33, 1601-1614 et and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface	26
1416 Se the 1415 ter	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of PNCMRWF global model products. 2013 , 33, 1601-1614 et and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface mperatures. 2013 , 33, 1761-1771	26
1416 Se the 1415 Kh	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of a NCMRWF global model products. 2013 , 33, 1601-1614 et and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface imperatures. 2013 , 33, 1761-1771 arif foodgrain yield and daily summer monsoon precipitation over India. 2013 , 33, 1978-1986 terannual variability of moisture source over southern Indian Ocean during boreal summer and its	26 23 18
1416 Se the 1415 We 1414 Kh	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of NCMRWF global model products. 2013, 33, 1601-1614 et and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface mperatures. 2013, 33, 1761-1771 arif foodgrain yield and daily summer monsoon precipitation over India. 2013, 33, 1978-1986 rerannual variability of moisture source over southern Indian Ocean during boreal summer and its ationship with local SST. 2013, 33, 556-567 16-ka lake-level record inferred from macrofossils in a sediment core from Genggahai Lake,	26 23 18
1416 Se the 1415 We ten 1414 Kh 1413 rel 1412 no 1411 Th	asonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of a NCMRWF global model products. 2013, 33, 1601-1614 et and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface imperatures. 2013, 33, 1761-1771 arif foodgrain yield and daily summer monsoon precipitation over India. 2013, 33, 1978-1986 terannual variability of moisture source over southern Indian Ocean during boreal summer and its ationship with local SST. 2013, 33, 556-567 I6-ka lake-level record inferred from macrofossils in a sediment core from Genggahai Lake, rtheastern Qinghaiâ libetan Plateau (China). 2013, 49, 575-590	26 23 18 4

1408	Variability of the southwest monsoon since the last 25 000 years and their possible causes: Role of Northern Hemisphere versus Tibetan Plateau. 2013 , 24, 428-436	2
1407	Dominant impact of South Asian low heat on summer monsoon rainfall over Central India. 2013 , 6, 2001-2008	4
1406	Strong interannual variation of the Indian summer monsoon in the Late Miocene. 2013 , 41, 135-153	8
1405	A self-organizing mapâBased ensemble forecast system for extended range prediction of active/break cycles of Indian summer monsoon. 2013 , 118, 9022-9034	29
1404	Analysis of Paleoclimate Records for Understanding the Tropical Hydrologic Cycle in Abrupt Climate Change. 2013 , 127-139	3
1403	Role of oceanâltmosphere interaction on northward propagation of Indian summer monsoon intra-seasonal oscillations (MISO). 2013 , 41, 1651-1669	77
1402	The role of land-surface processes in modulating the Indian monsoon annual cycle. 2013 , 41, 2497-2509	19
1401	The Asian summer monsoon: an intercomparison of CMIP5 vs. CMIP3 simulations of the late 20th century. 2013 , 41, 2711-2744	559
1400	Long-term variability in the date of monsoon onset over western India. 2013 , 40, 2589-2603	20
1399	Spatial variability of Holocene changes in the annual precipitation pattern: a model-data synthesis for the Asian monsoon region. 2013 , 40, 2919-2936	35
1398	Links between Indo-Pacific climate variability and drought in the Monsoon Asia Drought Atlas. 2013 , 40, 1319-1334	54
1397	Asynchronous responses of East Asian and Indian summer monsoons to mountain uplift shown by regional climate modelling experiments. 2013 , 40, 1531-1549	75
1396	The general circulation model precipitation bias over the southwestern equatorial Indian Ocean and its implications for simulating the South Asian monsoon. 2013 , 40, 823-838	52
1395	The relative roles of upper and lower tropospheric thermal contrasts and tropical influences in driving Asian summer monsoons. 2013 , 118, 7024-7045	72
1394	Influence of Madden-Julian Oscillation on water budget transported by the Somali low-level jet and the associated Indian summer monsoon rainfall. 2013 , 49, 6474-6485	8
1393	Sensitivity study on the role of Western Ghats in simulating the Asian summer monsoon characteristics. 2013 , 120, 53-60	19
1392	Seasonal prediction of Indian summer monsoon in NCEP coupled and uncoupled model. 2013, 114, 459-477	28
1391	An assessment of cumulus parameterization schemes in the short range prediction of rainfall during the onset phase of the Indian Southwest Monsoon using MM5 Model. 2013 , 120-121, 249-267	7

1390	Global warming and South Indian monsoon rainfall-lessons from the Mid-Miocene. 2013, 23, 1172-1177	20
1389	Plenty of water, not enough strategy: How inadequate accessibility, poor governance and a volatile government can tip the balance against ensuring water security: The case of Nepal. 2013 , 33, 388-394	41
1388	CloudSatâllALIPSO characterizations of cloud during the active and the break periods of Indian summer monsoon. 2013 , 97, 106-114	10
1387	Spatiotemporal drought variability for central and eastern Asia over the past seven centuries derived from tree-ring based reconstructions. 2013 , 283, 107-116	22
1386	A 400-year record of hydroclimate variability and local ENSO history in northern Southeast Asia inferred from tree-ring 🛮 80. 2013 , 386, 588-598	60
1385	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. 2013 , 77, 167-180	54
1384	Relative impacts of insolation changes, meltwater fluxes and ice sheets on African and Asian monsoons during the Holocene. 2013 , 41, 2267-2286	22
1383	Oxygen isotope signatures preserved in tree ring cellulose as a proxy for AprilâBeptember precipitation in Fujian, the subtropical region of southeast China. 2013 , 118, 12,805-12,815	51
1382	Atmospheric moisture distribution and transport over the Tibetan Plateau and the impacts of the South Asian summer monsoon. 2013 , 27, 819-831	17
1381	Variability of the Indian Ocean SST and its possible impact on summer western North Pacific anticyclone in the NCEP Climate Forecast System. 2013 , 41, 2199-2212	38
1380	Upscale Effects of Deep Convection during the North American Monsoon. 2013 , 70, 2681-2695	17
1379	Seasonal variation of landâlltmosphere coupling strength over the West African monsoon region in an atmospheric general circulation model. 2013 , 58, 1276-1286	11
1378	Different relationships between spring SST in the Indian and pacific oceans and summer precipitation in China. 2013 , 27, 509-520	6
1377	Role of Western Pacific Oceanic variability in the onset of the Bay of Bengal summer monsoon. 2013 , 30, 219-234	8
1376	Real-time multivariate indices for the boreal summer intraseasonal oscillation over the Asian summer monsoon region. 2013 , 40, 493-509	272
1375	Interannual variability of Indian winter monsoon over the Western Himalayas. 2013, 106, 39-50	34
1374	Intensified monsoon and spatiotemporal changes in precipitation patterns in the NW Himalaya during the early-mid Holocene. 2013 , 313-314, 74-84	24
1373	Reconstructed droughts for the northeastern Tibetan Plateau since AD 1411 and its linkages to the Pacific, Indian and Atlantic Oceans. 2013 , 283, 98-106	19

1372	A Global Survey of OceanâAtmosphere Interaction and Climate Variability. 2013 , 1-19	32
1371	Two Different Regimes of Anomalous Walker Circulation Over the Indian and Pacific Oceans Before and After the Late 1970S. 2013 , 365-377	2
1370	Interannual Indian Rainfall Variability and Indian Ocean Sea Surface Temperature Anomalies. 2013 , 247-259	26
1369	Role of the Indian Ocean in Regional Climate Variability. 2013 , 213-246	38
1368	A study on the characteristics of temperature inversions in active and break phases of Indian summer monsoon. 2013 , 93, 11-20	11
1367	Variations in atmospheric Carbon Dioxide and its association with rainfall and vegetation over India. 2013 , 68, 45-51	28
1366	Meteorological aspects of mud bank formation along south west coast of India. 2013, 65, 45-51	9
1365	Dust and temperature influences on glaciofluvial sediment deposition in southwestern Tibet during the last millennium. 2013 , 107, 132-144	8
1364	On the association between pre-monsoon aerosol and all-India summer monsoon rainfall. 2013 , 102, 1-7	3
1363	Monsoons in a changing world: A regional perspective in a global context. 2013 , 118, 3053-3065	257
1362	Sensitivity of the GCM driven summer monsoon simulations to cumulus parameterization schemes in nested RegCM3. 2013 , 112, 285-306	48
1361	Interannual Climate Variability over the Tropical Pacific Ocean Induced by the Indian Ocean Dipole through the Indonesian Throughflow. 2013 , 26, 2845-2861	62
1360	Environmental variability in the monsoonâlwesterlies transition zone during the last 1200 years: lake sediment analyses from central Mongolia and supraâlegional synthesis. 2013 , 73, 31-47	48
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1358	A Gridded Reconstruction of Warm Season Precipitation for Asia Spanning the Past Half Millennium. 2013 , 26, 2192-2204	44
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1356	The lightning activity associated with the dry and moist convections in the Himalayan Regions. 2013 , 118, 6246-6258	24
1355	Precipitation over the past four centuries in the Dieshan Mountains as inferred from tree rings: An introduction to an HHT-based method. 2013 , 107, 109-118	19

1354	Cracking the MJO nut. 2013 , 40, 1223-1230	141
1353	Variability of the TRMM-PR total and convective and stratiform rain fractions over the Indian region during the summer monsoon. 2013 , 41, 21-44	45
1352	Intraseasonal SST-precipitation relationship and its spatial variability over the tropical summer monsoon region. 2013 , 41, 45-61	83
1351	Influence of ENSO and of the Indian Ocean Dipole on the Indian summer monsoon variability. 2013 , 41, 81-103	72
1350	Changing pattern of the Indian summer monsoon rainfall: an objective analysis. 2013, 41, 195-203	10
1349	Diabatic heating profiles over the continental convergence zone during the monsoon active spells. 2013 , 41, 205-226	4
1348	Processes of Indiaâd offshore summer intraseasonal sea surface temperature variability. 2013 , 63, 329-346	7
1347	A new regional, mid-Holocene palaeoprecipitation signal of the Asian Summer Monsoon. 2013 , 78, 65-76	19
1346	Spatio-temporal trends in precipitation and their implications for water resources management in climate-sensitive Nepal. 2013 , 43, 138-146	42
1345	The Tibetan Plateau Summer Monsoon in the CMIP5 Simulations. 2013 , 26, 7747-7766	45
1344	Seasonal prediction of Indian summer monsoon: Sensitivity to persistent SST. 2013 , 122, 1183-1193	5
1343	Dominant Modes of Wintertime Upper-Tropospheric Temperature Variations over Asia and Links to Surface Climate. 2013 , 26, 9043-9060	2
1342	CloudSat observations of cloud-type distribution over the Indian summer monsoon region. 2013 , 31, 1155-1162	23
1341	Seasonal and annual mass balances of Mera and Pokalde glaciers (Nepal Himalaya) since 2007. 2013 , 7, 1769-1786	117
1340	Assessment of Seasonal Energy Efficiency Strategies of a Double Skin Fa\(\textit{a}\)de in a Monsoon Climate Region. 2013 , 6, 4352-4376	28
1339	Interannual Variability of Monsoon Precipitation and Local Subcloud Equivalent Potential Temperature. 2013 , 26, 9507-9527	40
1338	Recent Summer Rainfall Increase and Surface Cooling over Northern Australia since the Late 1970s: A Response to Warming in the Tropical Western Pacific. 2013 , 26, 7221-7239	23
1337	Long-Term Variations of Broad-Scale Asian Summer Monsoon Circulation and Possible Causes. 2013 , 26, 8947-8961	16

1336	Tree-ring derived millennial precipitation record for the south-central Tibetan Plateau and its possible driving mechanism. 2013 , 23, 36-45	36
1335	Different impacts of the two types of El Niô on Asian summer monsoon onset. 2013 , 8, 044053	22
1334	Hydrological cycle over South and Southeast Asian river basins as simulated by PCMDI/CMIP3 experiments. 2013 , 4, 199-217	58
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1332	MayâBeptember precipitation in the Bhutan Himalaya since 1743 as reconstructed from tree ring cellulose 🛮 80. 2013 , 118, 8399-8410	72
1331	Isomap nonlinear dimensionality reduction and bimodality of Asian monsoon convection. 2013 , 40, 1653-1658	15
1330	Simulation of boreal summer intraseasonal oscillations in the latest CMIP5 coupled GCMs. 2013 , 118, 4401-4420	108
1329	Retracted: Recent drought events over the central Indian region: Pacific Ocean origin and insights from moisture budgets. 2013 , 33, 2781-2798	1
1328	Cyclone trends constrain monsoon variability during late Oligocene sea level highstands (Kachchh Basin, NW India). 2013 , 9, 2101-2115	12
1327	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. 2013 , 9, 2085-2099	49
1326	20th century intraseasonal Asian monsoon dynamics viewed from Isomap. 2013 , 20, 725-741	12
1325	Testing a flexible method to reduce false monsoon onsets. 2014 , 9, e104386	6
1324	Millennial minimum temperature variations in the Qilian Mountains, China: evidence from tree rings. 2014 , 10, 1763-1778	40
1323	Rainfall Distributions in Sri Lanka in Time and Space: An Analysis Based on Daily Rainfall Data. 2014 , 2, 242-263	33
1322	Topology and seasonal evolution of the network of extreme precipitation over the Indian subcontinent and Sri Lanka. 2014 , 21, 901-917	63
1321	The global monsoon across timescales: coherent variability of regional monsoons. 2014 , 10, 2007-2052	109
1320	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. 2014 , 92, 1-16	15
1319	Evolutions of Asian Summer Monsoon in the CMIP3 and CMIP5 Models. 2014 , 10, 88-92	6

1318	Differences in Atmospheric Boundary-Layer Characteristics Between Wet and Dry Episodes of the Indian Summer Monsoon. 2014 , 153, 217-236	35
1317	Interannual variability of Indian summer monsoon rainfall onset date at local scale. 2014 , 34, 1050-1061	35
1316	Precipitation Seasonality and Variability over the Tibetan Plateau as Resolved by the High Asia Reanalysis*. 2014 , 27, 1910-1927	421
1315	Tropical Intraseasonal Modes of the Atmosphere. 2014 , 39, 189-215	26
1314	Prediction of Eastern and Central Pacific ENSO Events and Their Impacts on East Asian Climate by the NCEP Climate Forecast System. 2014 , 27, 4451-4472	46
1313	The Climatology and Interannual Variability of the East Asian Winter Monsoon in CMIP5 Models. 2014 , 27, 1659-1678	77
1312	The Potential Roles of Background Surface Wind in the SST Variability Associated with Intraseasonal Oscillations. 2014 , 27, 7053-7068	4
1311	Stable isotopic compositions of precipitation in China. 2014 , 66, 22567	100
1310	Synoptic Preconditions for Extreme Flooding during the Summer Asian Monsoon in the Mumbai Area. 2014 , 15, 229-242	2
1309	Tibetan Plateau precipitation as depicted by gauge observations, reanalyses and satellite retrievals. 2014 , 34, 265-285	141
1308	Holocene vegetation history, precipitation changes and Indian Summer Monsoon evolution documented from sediments of Xingyun Lake, south-west China. 2014 , 29, 661-674	125
1307	Do CMIP5 simulations of Indian summer monsoon rainfall differ from those of CMIP3?. 2014 , 15, 79-85	47
1306	Evolution of withdrawal features of the southwest monsoon over India. 2014 , 34, 1860-1872	8
1305	A high-resolution monsoon record of millennial-scale oscillations during Late MIS 3 from Wulu Cave, south-west China. 2014 , 29, 83-90	26
1304	Interannual Variability of East Asian Summer Monsoon Simulated by CMIP3 and CMIP5 AGCMs: Skill Dependence on Indian OceanâlWestern Pacific Anticyclone Teleconnection. 2014 , 27, 1679-1697	152
1303	Response of Rainfall and Vegetation to ENSO Events during 2001â2011 in Upper Wardha Watershed, Maharashtra, India. 2014 , 19, 583-592	12
1302	Comparing statistically downscaled simulations of Indian monsoon at different spatial resolutions. 2014 , 519, 3163-3177	31
1301	Asian Monsoon Variability Recorded in Other Archives. 2014 , 145-337	

1300	Impact of Northward-Propagating Intraseasonal Variability on the Onset of Indian Summer Monsoon. 2014 , 27, 126-139	42
1299	A twelve-year high-resolution climatology of atmospheric water transport on the Tibetan Plateau. 2014 ,	5
1298	The variability of the Southeast Asian summer monsoon. 2014 , 34, 893-901	33
1297	Spatial patterns of moisture variations across the Tibetan Plateau during the past 700 years and their relationship with Atmospheric Oscillation modes. 2014 , 34, 728-741	6
1296	Indian Summer Monsoon Rainfall Characteristics During Contrasting Monsoon Years. 2014, 171, 1461-1472	3
1295	Impact of satellite-retrieved atmospheric temperature profiles assimilation on Asian summer monsoon 2010 simulation. 2014 , 116, 317-326	16
1294	The upper-level circulation anomaly over Central Asia and its relationship to the Asian monsoon and mid-latitude wave train in early summer. 2014 , 42, 2477-2489	9
1293	The seasonal predictability of the Asian summer monsoon in a two-tiered forecast system. 2014 , 42, 2491-2507	6
1292	Summer monsoon circulation and precipitation over the tropical Indian Ocean during ENSO in the NCEP climate forecast system. 2014 , 42, 1925-1947	17
1291	Tree-ring inferred annual mean temperature variations on the southeastern Tibetan Plateau during the last millennium and their relationships with the Atlantic Multidecadal Oscillation. 2014 , 43, 627-640	64
1290	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. 2014 , 42, 83-100	93
1289	ENSO representation in climate models: from CMIP3 to CMIP5. 2014 , 42, 1999-2018	580
1288	Modulation of Indian summer monsoon through northern and southern hemispheric extra-tropical oscillations. 2014 , 43, 925-938	5
1287	Cloudâlerosol coupled index in estimating the break phase of Indian summer monsoon. 2014 , 118, 447-464	2
1286	An assessment of improvements in global monsoon precipitation simulation in FGOALS-s2. 2014 , 31, 165-178	9
1285	Winter precipitation variability over Korean Peninsula associated with ENSO. 2014 , 42, 3171-3186	49
1284	Seychelles coral record of changes in sea surface temperature bimodality in the western Indian Ocean from the Mid-Holocene to the present. 2014 , 43, 689-708	13
1283	How does the Indian Ocean subtropical dipole trigger the tropical Indian Ocean dipole via the Mascarene high?. 2014 , 33, 64-76	12

1282	A comparison of regional monsoon variability using monsoon indices. 2014 , 43, 1423-1437	60
1281	The influence of regional feedbacks on circulation sensitivity. 2014 , 41, 2212-2220	7
1280	Short-term modulation of Indian summer monsoon rainfall by West Asian dust. 2014 , 7, 308-313	244
1279	Observed changes in extreme wet and dry spells during the South Asian summer monsoon season. 2014 , 4, 456-461	258
1278	Reconstructing chemical weathering, physical erosion and monsoon intensity since 25 Ma in the northern South China Sea: A review of competing proxies. 2014 , 130, 86-102	261
1277	Orbital Asian summer monsoon dynamics revealed using an isotope-enabled global climate model. 2014 , 5, 5371	120
1276	The changing characteristics of monsoon rainfall in India during 1971â\(\mathbb{Q}\)005 and links with large scale circulation. 2014 , 34, 3881-3899	21
1275	Statistical analysis of Indian rainfall and rice productivity anomalies over the last decades. 2014 , 34, 2378-2392	25
1274	Weakening and strengthening of the Indian monsoon during Heinrich events and Dansgaard-Oeschger oscillations. 2014 , 29, 99-114	69
1273	Impact of climatic change on sea surface temperature variation in Subei coastal waters, East China. 2014 , 32, 1406-1413	3
1272	A 249 kyr stack of eight loess grain size records from northern China documenting millennial-scale climate variability. 2014 , 15, 798-814	59
1271	Assessing variability of evapotranspiration over the Ganga river basin using water balance computations. 2014 , 50, 2551-2565	31
1270	Changes of the tropical Pacific Walker circulation simulated by two versions of FGOALS model. 2014 , 57, 2165-2180	5
1269	Impact of monsoon rainfall on the total foodgrain yield over India. 2014 , 123, 1129-1145	82
1268	CMIP5/AMIP GCM simulations of East Asian summer monsoon. 2014 , 31, 836-850	22
1267	The summer snow cover anomaly over the Tibetan Plateau and its association with simultaneous precipitation over the mei-yu-baiu region. 2014 , 31, 755-764	31
1266	Role of interaction between dynamics, thermodynamics and cloud microphysics on summer monsoon precipitating clouds over the Myanmar Coast and the Western Ghats. 2014 , 43, 911-924	7 ²
1265	The use of fractional accumulated precipitation for the evaluation of the annual cycle of monsoons. 2014 , 43, 3219-3244	26

1264	The influence of stochasticism on Indian summer monsoon rainfall and its impact on prediction. 2014 , 42, 2271-2285	5
1263	Uncertainty in land surface temperature simulation over China by CMIP3/CMIP5 models. 2014 , 117, 463-474	20
1262	Trends and extreme value analysis of rainfall pattern over homogeneous monsoon regions of India. 2014 , 73, 1003-1017	6
1261	Regional moisture change over India during the past Millennium: A comparison of multi-proxy reconstructions and climate model simulations. 2014 , 122, 176-185	29
1260	Organic-geochemical proxies of sea surface temperature in surface sediments of the tropical eastern Indian Ocean. 2014 , 88, 17-29	24
1259	Synchronous or asynchronous Holocene Indian and East Asian summer monsoon evolution: A synthesis on Holocene Asian summer monsoon simulations, records and modern monsoon indices. 2014 , 116, 30-40	43
1258	Decoupling of the East Asian summer monsoon and Indian summer monsoon between 20 and 17 ka. 2014 , 82, 146-153	14
1257	Mid- to Late-Holocene Australianâlhdonesian summer monsoon variability. 2014 , 93, 142-154	34
1256	Global-Scale Atmospheric Change with the Tibetan Plateau Uplift in a Coupled Climate Model (CESM). 2014 , 962-965, 1392-1399	
1255	Reproduction of climate for the mid-Holocene over the Korean Peninsula using a high-resolution numerical model. 2014 , 344, 86-96	
1254	Abrupt variations of Indian and East Asian summer monsoons during the last deglacial stadial and interstadial. 2014 , 97, 58-70	32
1253	Combining regional moist static energy and ENSO for forecasting of early and late season Indian monsoon rainfall and its extremes. 2014 , 41, 4323-4331	23
1252	Paradox in South Asian summer monsoon circulation change: Lower tropospheric strengthening and upper tropospheric weakening. 2014 , 41, 2934-2940	24
1251	How much does heat content of the western tropical Pacific Ocean modulate the South China Sea summer monsoon onset in the last four decades?. 2014 , 119, 4029-4044	20
1250	Impacts of the East Asian summer monsoon on interannual variations of summertime surface-layer ozone concentrations over China. 2014 , 14, 6867-6879	71
1249	ONSET OF THE ASIAN SUMMER MONSOON AND LAND-ATMOSPHERE INTERACTION OVER THE INDOCHINA PENINSULA. 2014 , 70, I_295-I_300	
1248	An important mechanism sustaining the atmospheric "water tower" over the Tibetan Plateau. 2014 , 14, 11287-11295	62
1247	Autumn Eurasian snow depth, autumn Arctic sea ice cover and East Asian winter monsoon. 2014 , 34, 3616-3625	36

1246	Moist dynamics of active/break cycle of Indian summer monsoon rainfall from NCEPR2 and MERRA reanalysis. 2014 , 34, 1429-1444	19
1245	Improved simulation of Indian summer monsoon in latest NCEP climate forecast system free run. 2014 , 34, 1628-1641	82
1244	Precipitation variability over UAE and global SST teleconnections. 2014 , 119, 10,313-10,322	47
1243	Interannual variability of surface air-temperature over India: impact of ENSO and Indian Ocean Sea surface temperature. 2014 , 34, 416-429	24
1242	Influence of the Atlantic zonal mode on monsoon depressions in the Bay of Bengal during boreal summer. 2014 , 119, 6456-6469	32
1241	Relating Granger causality to long-term causal effects. 2015 , 92, 042138	13
1240	Northern East Asian Monsoon Precipitation Revealed by Airmass Variability and Its Prediction. 2015 , 28, 6221-6233	30
1239	Subseasonal variations in spatial signatures of ENSO on the Indian summer monsoon from 1901 to 2009. 2015 , 120, 8165-8185	26
1238	Seasonality of westerly moisture transport in the East Asian summer monsoon and its implications for interpreting precipitation 180. 2015, 120, 5850-5862	62
1237	An Indian Ocean precursor for Indian summer monsoon rainfall variability. 2015 , 42, 9345-9354	14
1236	Vertical structure of cumulonimbus towers and intense convective clouds over the South Asian region during the summer monsoon season. 2015 , 120, 1710-1722	44
1235	Analysis of monsoon rainfall variability over Narmada basin in central India: Implication of climate change. 2015 , 6, 615-627	20
1234	Tropospheric temperature gradient and its relation to the South and East Asian precipitation variability. 2015 , 127, 579-585	14
1233	The South China Sea Deep: Introduction. 2015 , 122, 1-5	O
1232	Subseasonal variations of Indian summer monsoon with special emphasis on drought and excess rainfall years. 2015 , 35, 570-582	13
1231	Tempo and mode of climatic niche evolution in Primates. 2015 , 69, 2496-506	14
1230	The IITM Earth System Model: Transformation of a Seasonal Prediction Model to a Long-Term Climate Model. 2015 , 96, 1351-1367	32
1229	The Tokar Gap Jet: Regional Circulation, Diurnal Variability, and Moisture Transport Based on Numerical Simulations. 2015 , 28, 5885-5907	20

1228	The South China Sea Monsoon Experimentâ B oundary Layer Height (SCSMEX-BLH): Experimental Design and Preliminary Results. 2015 , 143, 5035-5053	5
1227	Asymmetry in spaceâtime characteristics of Indian summer monsoon intraseasonal oscillations during extreme years: Role of seasonal mean state. 2015 , 35, 1948-1963	18
1226	Influences of ENSO, NAO, IOD and PDO on seasonal precipitation regimes in the Yangtze River basin, China. 2015 , 35, 3556-3567	171
1225	Unraveling the missing link of ENSO control over the Indian monsoon rainfall. 2015 , 42, 8201-8207	22
1224	Impact of different Asian source regions on the composition of the Asian monsoon anticyclone and of the extratropical lowermost stratosphere. 2015 , 15, 13699-13716	57
1223	The observed impacts of South Asian summer monsoon on the local atmosphere and the near-surface turbulent heat exchange over the Southeast Tibet. 2015 , 120, 11,509-11,518	10
1222	The vertical structure of cloud radiative heating over the Indian subcontinent during summer monsoon. 2015 , 15, 11557-11570	13
1221	A dipole-like SST trend in the Somalia region during the monsoon season. 2015 , 120, 597-607	13
1220	The possible influence of tropical Pacific subsurface temperature anomalies on summer precipitation in eastern China. 2015 , 35, 2441-2450	5
1219	Observed changes in southwest monsoon rainfall over India during 1901â\(\textit{\textit{0}}\)011. 2015 , 35, 1881-1898	89
1218	Influence of extratropical sea-surface temperature on the Indian summer monsoon: an unexplored source of seasonal predictability. 2015 , 141, 2760-2775	34
1217	Stationary Eddies and the Zonal Asymmetry of Net Precipitation and Ocean Freshwater Forcing. 2015 , 28, 5115-5133	23
1216	Sensitivity of the mean and variability of Indian summer monsoon to land surface schemes in RegCM4: Understanding coupled land-atmosphere feedbacks. 2015 , 120, 9437-9458	31
1215	Impact of revised cloud microphysical scheme in CFSv2 on the simulation of the Indian summer monsoon. 2015 , 35, 4738-4755	31
1214	A 12-year high-resolution climatology of atmospheric water transport over the Tibetan Plateau.	00
	2015 , 6, 109-124	99
1213		99
1213 1212	2015 , 6, 109-124	99

1210	TROPICAL METEOROLOGY AND CLIMATE Tropical Climates. 2015 , 170-176	1
1209	Simulation of the Indian summer monsoon onset-phase rainfall using a regional model. 2015 , 33, 1097-1115	13
1208	Rainfall: Features and Variations over Saudi Arabia, A Review. 2015 , 3, 578-626	72
1207	Linear and Non-Linear Approaches for Statistical Seasonal Rainfall Forecast in the Sirba Watershed Region (SAHEL). 2015 , 3, 727-752	9
1206	Drought Monitoring for Rice Production in Cambodia. 2015 , 3, 792-811	19
1205	East Asian Monsoon controls on the inter-annual variability in precipitation isotope ratio in Japan. 2015 , 11, 339-353	21
1204	Variability of summer humidity during the past 800 years on the eastern Tibetan Plateau inferred from ¹⁸O of tree-ring cellulose. 2015 , 11, 327-337	51
1203	Meridional Propagation of the 30- to 60-day Variability of Precipitation in the East Asian Subtropical Summer Monsoon Region: Monitoring and Prediction. 2015 , 53, 251-263	2
1202	Rethinking Indian monsoon rainfall prediction in the context of recent global warming. 2015, 6, 7154	128
1201	Prediction of Indian Summer Monsoon Onset Using Dynamical Subseasonal Forecasts: Effects of Realistic Initialization of the Atmosphere. 2015 , 143, 778-793	34
1200	Shamals and climate variability in the Northern Arabian/Persian Gulf from 1973 to 2012. 2015 , 35, 4509-4528	75
1199	Asian summer monsoon onset barrier and its formation mechanism. 2015 , 45, 711-726	39
1198	Changes in precipitation extremes in Southeastern Tibet, China. 2015 , 380-381, 49-59	19
1197	The Holocene environmental changes in southern Indonesia reconstructed from highland caldera lake sediment in Bali Island. 2015 , 374, 15-33	5
1196	An objective criterion for the identification of breaks in Indian summer monsoon rainfall. 2015 , 16, 193-198	5
1195	Phase relation between CAPE and precipitation at diurnal scales over the Indian summer monsoon region. 2015 , 16, 346-354	9
1194	Hydrological and ecosystem response to abrupt changes in the Indian monsoon during the last glacial, as recorded by sediments from Xingyun Lake, Yunnan, China. 2015 , 421, 15-23	21
1193	Radiative effect of dust aerosols on cloud microphysics and meso-scale dynamics during monsoon breaks over Arabian sea. 2015 , 105, 22-31	14

1192	A 3000-yr Annually Laminated Stalagmite Record of the Last Glacial Maximum from Hulu Cave, China. 2015 , 83, 360-369	20
1191	From MONEX to the global monsoon: A review of monsoon system research. 2015 , 32, 10-31	42
1190	Trends and oscillations in the Indian summer monsoon rainfall over the last two millennia. 2015 , 6, 6309	127
1189	The impact of revised simplified ArakawaâBchubert convection parameterization scheme in CFSv2 on the simulation of the Indian summer monsoon. 2015 , 45, 881-902	25
1188	Connections between the South Asian summer monsoon and the tropical sea surface temperature in CMIP5. 2015 , 29, 106-118	9
1187	Sensitivity of Initial Conditions on Diurnal Variability of Indian Summer Monsoon. 2015 , 172, 2777-2790	1
1186	Spatial and temporal variation characteristics of ocean waves in the South China Sea during the boreal winter. 2015 , 34, 23-28	7
1185	Interannual Variability in the Large-Scale Dynamics of the South Asian Summer Monsoon. 2015 , 28, 3731-3750) 30
1184	A case study of the impact of boreal summer intraseasonal oscillations on Yangtze rainfall. 2015 , 44, 2683-2702	30
1183	Observed changes of global and western Pacific precipitation associated with global warming SST mode and mega-ENSO SST mode. 2015 , 45, 3067-3075	19
1182	Dominating Controls for Wetter South Asian Summer Monsoon in the Twenty-First Century. 2015 , 28, 3400-3419	25
1181	Evidence for solar cycles in a late Holocene speleothem record from Dongge Cave, China. 2014 , 4, 5159	33
1180	Global warming and the weakening of the Asian summer monsoon circulation: assessments from the CMIP5 models. 2015 , 45, 233-252	63
1179	Assessment of the Indian summer monsoon in the WRF regional climate model. 2015 , 44, 3077-3100	44
1178	Bimodality and regime behavior in atmosphereâ®cean interactions during the recent climate change. 2015 , 70, 1-11	6
1177	Late Holocene Indian summer monsoon precipitation history at Lake Lugu, northwestern Yunnan Province, southwestern China. 2015 , 438, 24-33	31
1176	Complementing Scientific Monsoon Definitions with Social Perception in Bangladesh. 2015 , 96, 49-57	21
1175	Observation- and numerical-analysis-based dynamics of the Uttarkashi cloudburst. 2015 , 33, 671-686	13

(2015-2015)

1174	Reconciliation of hydroclimate sequences from the Chinese Loess Plateau and low-latitude East Asian Summer Monsoon regions over the past 14,500 years. 2015 , 435, 127-135	64
1173	Seasonal-to-Interannual Variability of Ethiopia/Horn of Africa Monsoon. Part II: Statistical Multimodel Ensemble Rainfall Predictions. 2015 , 28, 3511-3536	18
1172	Decadal-resolution record of winter monsoon intensity over the last two millennia from planktic foraminiferal assemblages in the northeastern Arabian Sea. 2015 , 25, 1756-1771	20
1171	Role of Tropical Cyclones along the Monsoon Trough in the 2011 Thai Flood and Interannual Variability. 2015 , 28, 1465-1476	36
1170	A hydroclimate regime shift around 270 ka in the western tropical Pacific inferred from a late Quaternary n-alkane chain-length record. 2015 , 427, 79-88	6
1169	Astronomical and glacial forcing of East Asian summer monsoon variability. 2015 , 115, 132-142	102
1168	Asian summer monsoon onset in simulations and CMIP5 projections using four Chinese climate models. 2015 , 32, 794-806	23
1167	Influences of ENSO on the vertical coupling of atmospheric circulation during the onset of South Asian summer monsoon. 2015 , 45, 1859-1875	26
1166	Role of vertical structure of cloud microphysical properties on cloud radiative forcing over the Asian monsoon region. 2015 , 45, 3331-3345	18
(-	Wasters Disturbances A soview 2015 F2 225 246	
1165	Western Disturbances: A review. 2015 , 53, 225-246	207
	. 2015 , 8, 1591-1600	11
1164		11
1164	. 2015 , 8, 1591-1600	11
1164	. 2015 , 8, 1591-1600 Small mammal tooth enamel carbon isotope record of C4 grasses in late Neogene China. 2015 , 133, 288-297 Differences in Late Quaternary primary productivity between the western tropical Pacific and the	11 3
1164 1163 1162	. 2015 , 8, 1591-1600 Small mammal tooth enamel carbon isotope record of C4 grasses in late Neogene China. 2015 , 133, 288-297 Differences in Late Quaternary primary productivity between the western tropical Pacific and the South China Sea: Evidence from coccoliths. 2015 , 122, 131-141 The MaddenâlJulian Oscillationâl Influence on Spring Rainy Season Precipitation over Equatorial	11 3 8
1164 1163 1162 1161	. 2015, 8, 1591-1600 Small mammal tooth enamel carbon isotope record of C4 grasses in late Neogene China. 2015, 133, 288-297 Differences in Late Quaternary primary productivity between the western tropical Pacific and the South China Sea: Evidence from coccoliths. 2015, 122, 131-141 The MaddenâlJulian Oscillationâl Influence on Spring Rainy Season Precipitation over Equatorial West Africa*. 2015, 28, 8653-8672 A comparative study on the dominant factors responsible for the weaker-than-expected El Niô	11 3 8 27
1164 1163 1162 1161 1160	. 2015, 8, 1591-1600 Small mammal tooth enamel carbon isotope record of C4 grasses in late Neogene China. 2015, 133, 288-297 Differences in Late Quaternary primary productivity between the western tropical Pacific and the South China Sea: Evidence from coccoliths. 2015, 122, 131-141 The Maddenâl Julian Oscillationâ Influence on Spring Rainy Season Precipitation over Equatorial West Africa*. 2015, 28, 8653-8672 A comparative study on the dominant factors responsible for the weaker-than-expected El Niè event in 2014. 2015, 32, 1381-1390	11 3 8 27 7

1156	Indian monsoon variations during three contrasting climatic periods: The Holocene, Heinrich Stadial 2 and the last interglacialaglacial transition. 2015 , 125, 50-60	32
1155	Effects of mountain uplift on global monsoon precipitation. 2015 , 51, 275-290	15
1154	Teleconnections in Climate Networks: A Network-of-Networks Approach to Investigate the Influence of Sea Surface Temperature Variability on Monsoon Systems. 2015 , 23-33	6
1153	Decreasing intensity of monsoon low-frequency intraseasonal variability over India. 2015 , 10, 054018	24
1152	The Response of the South Asian Summer Monsoon to Temporal and Spatial Variations in Absorbing Aerosol Radiative Forcing. 2015 , 28, 6626-6646	8
1151	The concept of global monsoon applied to the last glacial maximum: A multi-model analysis. 2015 , 126, 126-139	22
1150	Water budget on the Dudh Koshi River (Nepal): Uncertainties on precipitation. 2015, 531, 850-862	22
1149	Performance of AugustâBeptember Indian monsoon rainfall when JuneâDuly rainfall is reported as being in deficit/excess. 2015 , 127, 147-161	3
1148	A Holocene East Asian winter monsoon record at the southern edge of the Gobi Desert and its comparison with a transient simulation. 2015 , 45, 1219-1234	36
1147	Tibetan Plateau climate dynamics: recent research progress and outlook. 2015 , 2, 100-116	184
1147 1146	Tibetan Plateau climate dynamics: recent research progress and outlook. 2015 , 2, 100-116 Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015 , 122, 45-57	184
1146	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from	
1146	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015 , 122, 45-57	6
1146 1145	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015 , 122, 45-57 Mid-Holocene global monsoon area and precipitation from PMIP simulations. 2015 , 44, 2493-2512 A Study on the Influence of the Land Surface Processes on the Southwest Monsoon Simulations	6
1146 1145 1144	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015, 122, 45-57 Mid-Holocene global monsoon area and precipitation from PMIP simulations. 2015, 44, 2493-2512 A Study on the Influence of the Land Surface Processes on the Southwest Monsoon Simulations using a Regional Climate Model. 2015, 172, 2791-2811	6 24 12
1146 1145 1144 1143	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015, 122, 45-57 Mid-Holocene global monsoon area and precipitation from PMIP simulations. 2015, 44, 2493-2512 A Study on the Influence of the Land Surface Processes on the Southwest Monsoon Simulations using a Regional Climate Model. 2015, 172, 2791-2811 Global Monsoon Dynamics and Climate Change. 2015, 43, 29-77	6 24 12 207
1146 1145 1144 1143	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. 2015, 122, 45-57 Mid-Holocene global monsoon area and precipitation from PMIP simulations. 2015, 44, 2493-2512 A Study on the Influence of the Land Surface Processes on the Southwest Monsoon Simulations using a Regional Climate Model. 2015, 172, 2791-2811 Global Monsoon Dynamics and Climate Change. 2015, 43, 29-77 Assessing reliability of regional climate projections: the case of Indian monsoon. 2014, 4, 4071 Multiscale analysis of three consecutive years of anomalous flooding in Pakistan. 2015, 141, 1259-1276	6 24 12 207 57

1138	Large-Scale Air-Sea Coupling Processes in the Bay of Bengal Using Space-Borne Observations. 2016 , 29, 192-201	8
1137	Remotely Driven Anomalous Sea-Air Heat Flux Over the North Indian Ocean During the Summer Monsoon Season. 2016 , 29, 232-241	13
1136	Uma Revis® dos Processos de Intera® Oceano-Atmosfera em Regi®s de Intenso Gradiente Termal do Oceano Atl®tico Sul Baseada em Dados Observacionais. 2016 , 31, 428-453	10
1135	Seasonality and spatial variability of dynamic precipitation controls on the Tibetan Plateau. 2016 , 7, 767-782	35
1134	Pre-Monsoon Rain and Its Relationship with Monsoon Onset over the Indochina Peninsula. 2016 , 4,	6
1133	ENSO-Related Precipitation and Its Statistical Relationship with the Walker Circulation Trend in CMIP5 AMIP Models. 2016 , 7, 19	4
1132	Influence of ENSO on Regional Indian Summer Monsoon Precipitationâllocal Atmospheric Influences or Remote Influence from Pacific. 2016 , 7, 25	22
1131	Sub-Seasonal Prediction of the Maritime Continent Rainfall of Wet-Dry Transitional Seasons in the NCEP Climate Forecast Version 2. 2016 , 7, 28	6
1130	Analysis of the Qinghai-Xizang Plateau Monsoon Evolution and Its Linkages with Soil Moisture. 2016 , 8, 493	10
1129	Monsoons to Mixing in the Bay of Bengal: Multiscale Air-Sea Interactions and Monsoon Predictability. 2016 , 29, 18-27	44
1128	Influence of Indian summer monsoon variability on the surface waves in the coastal regions of eastern Arabian Sea. 2016 , 34, 871-885	11
1127	Comments on âllombination Mode Dynamics of the Anomalous Northwest Pacific Anticycloneâll. 2016 , 29, 4685-4693	15
1126	Assessment of the response of the East Asian winter monsoon to ENSO-like SSTAs in three U.S. CLIVAR Project models. 2016 , 36, 847-866	11
1125	Vertical structures of atmospheric properties in Southeast Tibet during the South Asian summer monsoon in 2013. 2016 , 30, 258-264	3
1124	Relation between the upper ocean heat content in the equatorial Atlantic during boreal spring and the Indian monsoon rainfall during JuneâBeptember. 2016 , 36, 2469-2480	22
1123	Interannual variability of summer monsoon convective and stratiform precipitations in East Asia during 1998â 2013. 2016 , 36, 3507-3520	18
1122	On the projected increase of Sahel rainfall during the late rainy season. 2016 , 36, 4373-4383	19
1121	Influence of boreal summer intraseasonal oscillation on rainfall extremes in southern China. 2016 , 36, 1403-1412	71

1120	Interdecadal variation of Australian summer monsoon during late 1990s. 2016 , 36, 1917-1927	O
1119	Contribution of atmospheric internal processes to the interannual variability of the South Asian summer monsoon. 2016 , 36, 2917-2930	10
1118	On the Structure and Dynamics of Indian Monsoon Depressions. 2016 , 144, 3391-3416	65
1117	Spatiotemporal patterns and trends of Indian monsoonal rainfall extremes. 2016 , 43, 1710-1717	54
1116	The Indo-Pacific Warm Pool: critical to world oceanography and world climate. 2016 , 3,	42
1115	Summer precipitation anomalies in Asia and North America induced by Eurasian non-monsoon land heating versus ENSO. 2016 , 6, 21346	9
1114	Zonal Propagation of Near-Surface Zonal Currents in Relation to Surface Wind Forcing in the Equatorial Indian Ocean. 2016 , 46, 3623-3638	14
1113	Decadal shifts of East Asian summer monsoon in a climate model free of explicit GHGs and aerosols. 2016 , 6, 38546	22
1112	Local Oceanic Precursors for the Summer Monsoon Onset over the Bay of Bengal and the Underlying Processes. 2016 , 29, 8455-8470	9
1111	Monsoon low-level jet over the gateway of Indian summer monsoon: a comparative study for two distinct monsoon years. 2016 , 128, 689-696	7
1110	INFLUENCES OF THERMAL FORCING OVER THE SLOPE/PLATFORM OF THE TIBETAN PLATEAU ON ASIAN SUMMER MONSOON: NUMERICAL STUDIES WITH THE WRF MODEL. 2016 , 59, 474-487	12
1109	The impact of revised simplified Arakawa-Schubert scheme on the simulation of mean and diurnal variability associated with active and break phases of Indian summer monsoon using CFSv2. 2016 , 121, 9301-9323	21
1108	Evaluation of global warming impacts on the carbon budget of terrestrial ecosystems in monsoon Asia: a multi-model analysis. 2016 , 31, 459-474	9
1107	Influence of upper ocean on Indian summer monsoon rainfall: studies by observation and NCEP climate forecast system (CFSv2). 2016 , 125, 413-426	7
1106	Effect of the early and late onset of summer monsoon over the Bay of Bengal on Asian precipitation in May. 2016 , 47, 1961-1970	13
1105	Seasonal cycle of precipitation over major river basins in South and Southeast Asia: A review of the CMIP5 climate models data for present climate and future climate projections. 2016 , 180, 42-63	93
1104	Interannual variability of the Indian summer monsoon associated with the airâBea feedback in the northern Indian Ocean. 2016 , 46, 1977-1990	15
1103	South Asian summer monsoon variability during the last ~54 kyrs inferred from surface water salinity and river runoff proxies. 2016 , 138, 6-15	65

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1102	Spatiotemporal patterns of precipitation regimes in the Huai River basin, China, and possible relations with ENSO events. 2016 , 82, 2167-2185	17
1101	Potential influence of temperature changes in the Southern Hemisphere on the evolution of the Asian summer monsoon during the last glacial period. 2016 , 392, 239-250	25
1100	The tropospheric biennial oscillation defined by a biennial mode of sea surface temperature and its impact on the atmospheric circulation and precipitation in the tropical eastern Indo-western Pacific region. 2016 , 47, 2601-2615	5
1099	Abrupt monsoon transitions as seen in paleorecords can be explained by moisture-advection feedback. 2016 , 113, E2348-9	13
1098	Pollen- and charcoal-based evidence for climatic and human impact on vegetation in the northern edge of Wuyi Mountains, China, during the last 8200 years. 2016 , 26, 1616-1626	33
1097	Late Mioceneâ P liocene Asian monsoon intensification linked to Antarctic ice-sheet growth. 2016 , 444, 75-87	58
1096	The aerosol-monsoon climate system of Asia: A new paradigm. 2016 , 30, 1-11	27
1095	El Niô and Indian summer monsoon rainfall relationship in retrospective seasonal prediction runs: experiments with coupled global climate models and MMEs. 2016 , 128, 97-115	3
1094	Aerosol and monsoon climate interactions over Asia. 2016 , 54, 866-929	412
1093	Trend and concentration characteristics of precipitation and related climatic teleconnections from 1982 to 2010 in the Beas River basin, India. 2016 , 145, 116-129	24
1092	Tracking the Indian Summer Monsoon Onset Back to the Preinstrument Period. 2016 , 29, 8115-8127	18
1091	Role of distinct flavours of IOD events on Indian summer monsoon. 2016 , 82, 1317-1326	17
1090	Does El Ni ô -Southern Oscillation affect the precipitation in Korea on seasonal time scales?. 2016 , 52, 395-403	9
1089	Wind rotation characteristics of the upper tropospheric monsoon over the central and eastern tropical Pacific. 2016 , 9, 479-486	
1088	February Drying in Southeastern Brazil and the Australian Monsoon: Global Mechanism for a Regional Rainfall Feature. 2016 , 29, 7529-7546	4
1087	Seasonal and Intraseasonal Variability of Mesoscale Convective Systems over the South Asian Monsoon Region. 2016 , 73, 4753-4774	22
1086	Differences in the Climatological Characteristics of Precipitation between Active and Break Spells of the Indian Summer Monsoon. 2016 , 29, 7797-7814	18
1085	Confronting the âIhdian summer monsoon response to black carbon aerosolâIwith the uncertainty in its radiative forcing and beyond. 2016 , 121, 7833-7852	13

1084	Intraseasonal Variability of SST and Precipitation in the Arabian Sea during the Indian Summer Monsoon: Impact of Ocean Mixed Layer Depth. 2016 , 29, 7889-7910	30
1083	The East Asian subtropical summer monsoon: Recent progress. 2016 , 30, 135-155	19
1082	Palaeoclimatic records of the loess/palaeosol sequences of the Chinese Loess Plateau. 2016 , 154, 23-84	147
1081	Seasonal variability of the relationship between SST and OLR in the Indian Ocean and its implications for initialization in a CGCM with SST nudging. 2016 , 72, 327-337	8
1080	Decadal Modulations of Interhemispheric Global Atmospheric Circulations and Monsoons by the South Atlantic Meridional Overturning Circulation. 2016 , 29, 1831-1851	32
1079	Stable carbon and oxygen isotopes of four planktonic foraminiferal species from core-top sediments of the Indonesian throughflow region and their significance. 2016 , 35, 63-75	4
1078	Holocene moisture and East Asian summer monsoon evolution in the northeastern Tibetan Plateau recorded by Lake Qinghai and its environs: A review of conflicting proxies. 2016 , 154, 111-129	98
1077	Different Impacts of Typical and Atypical ENSO on the Indian Summer Rainfall: ENSO-Developing Phase. 2016 , 54, 440-456	9
1076	Unraveling El Niè's impact on the East Asian Monsoon and Yangtze River summer flooding. 2016 , 43, 11,375	89
1075	Anomalous behaviors of Wyrtki Jets in the equatorial Indian Ocean during 2013. 2016 , 6, 29688	20
1074	Dynamics of changing impacts of tropical Indo-Pacific variability on Indian and Australian rainfall. 2016 , 6, 31767	13
1073	Characteristics of winter precipitation over Northwest India using high-resolution gridded dataset (1901âӢ013). 2016 , 147, 67-85	20
1072	Interannual variability of the boreal summer tropical UTLS in observations and CCMVal-2 simulations. 2016 , 16, 8695-8714	6
1071	Probabilistic versus deterministic skill in predicting the western North Pacific-East Asian summer monsoon variability with multimodel ensembles. 2016 , 121, 1079-1103	14
1070	Does a monsoon circulation exist in the upper troposphere over the central and eastern tropical Pacific?. 2016 , 9, 458-464	
1069	Spatiotemporal evolution of water storage changes in India from the updated GRACE-derived gravity records. 2016 , 52, 135-149	76
1068	Heavy rainfall patterns in Vietnam and their relation with ENSO cycles. 2016 , 36, 1686-1699	21
1067	Characterizing the onset and demise of the Indian summer monsoon. 2016 , 43, 4547-4554	41

1066	Mean state and interannual variability of the Indian summer monsoon simulation by NCEP CFSv2. 2016 , 46, 3845-3864	17
1065	Predictability of global monsoon rainfall in NCEP CFSv2. 2016 , 47, 1693-1715	11
1064	Rainfall over Oman and its teleconnection with El Niê Southern Oscillation. 2016 , 9, 1	3
1063	A GCM investigation of dust aerosol impact on the regional climate of North Africa and South/East Asia. 2016 , 46, 2353-2370	30
1062	Sensitivity of Asian Summer Monsoon precipitation to tropical sea surface temperature anomalies. 2016 , 47, 2501-2514	11
1061	Combined influence of remote and local SST forcing on Indian Summer Monsoon Rainfall variability. 2016 , 47, 2817-2831	18
1060	Prediction of daily modes of South Asian monsoon variability and its association with Indian and Pacific Ocean SST in the NCEP CFS V2. 2016 , 128, 131-142	6
1059	Evolution and variability of the Asian monsoon and its potential linkage with uplift of the Himalaya and Tibetan Plateau. 2016 , 3,	96
1058	South Asian Summer Monsoon Rainfall Variability and Trend: Its Links to Indo-Pacific SST Anomalies and Moist Processes. 2016 , 173, 2167-2193	4
1057	Simulation of the interface between the Indian summer monsoon and the East Asian summer monsoon: Intercomparison between MPI-ESM and ECHAM5/MPI-OM. 2016 , 33, 294-308	7
1056	Impact of springtime Himalayanâllibetan Plateau snowpack on the onset of the Indian summer monsoon in coupled seasonal forecasts. 2016 , 47, 2709-2725	36
1055	Changes in the boreal summer intraseasonal oscillation projected by the CNRM-CM5 model under the RCP 8.5 scenario. 2016 , 47, 3713-3736	15
1054	Investigation of summer monsoon rainfall variability in Pakistan. 2016 , 128, 465-475	13
1053	Indian summer monsoon intra-seasonal oscillation associated with the developing and decaying phase of El Ni [®] . 2016 , 36, 1846-1862	18
1052	Impacts of the AsiaâAustralia dipole and ENSO on climate variability in the AsiaâAustralia region. 2016 , 36, 4202-4212	2
1051	Multiscale Temporal Mean Features of Perturbation Kinetic Energy and Its Budget in the Tropics: Review and Computation. 2016 , 56, 8.1-8.23	
1050	Sensitivity of Southeast Asia rainfall simulations to cumulus and air-sea flux parameterizations in RegCM4. 2016 , 69, 59-77	47
1049	Evaluation of cloud properties in the NCEP CFSv2 model and its linkage with Indian summer monsoon. 2016 , 124, 31-41	11

1048	Does the modification in adritical relative humidityalbf NCEP CFSv2 dictate Indian mean summer monsoon forecast? Evaluation through thermodynamical and dynamical aspects. 2016 , 46, 1197-1222	20
1047	Multimodel Prediction of Monsoon Rain Using Dynamical Model Selection. 2016 , 54, 2911-2917	7
1046	The Maddenâllulian Oscillation and the Monsoons. 2016 , 207-224	2
1045	Robust Strengthening and Westward Shift of the Tropical Pacific Walker Circulation during 1979âØ012: A Comparison of 7 Sets of Reanalysis Data and 26 CMIP5 Models. 2016 , 29, 3097-3118	64
1044	East Asian summer monsoon precipitation variations in China over the last 9500 years: A comparison of pollen-based reconstructions and model simulations. 2016 , 26, 592-602	18
1043	A 382-year reconstruction of August mean minimum temperature from tree-ring maximum latewood density on the southeastern Tibetan Plateau, China. 2016 , 37, 1-8	19
1042	Western Disturbances âl\(\textstyle{\textstyle{1}}\) tructure. 2016 , 1-26	3
1041	Changes in the south Asian monsoon low level jet during recent decades and its role in the monsoon water cycle. 2016 , 138-139, 47-53	10
1040	Representation of monsoon intraseasonal oscillations in regional climate model: sensitivity to convective physics. 2016 , 47, 895-917	24
1039	Imprint of the ENSO on rainfall and latent heating variability over the Southern South China Sea from TRMM observations. 2016 , 15, 219-231	3
1038	Transport characteristics of Chinese haze over Northern Taiwan in winter, 2005â\(\mathbb{2}\)014. 2016 , 126, 76-86	29
1037	Experimental 15-day-lead statistical forecast of intraseasonal summer monsoon rainfall over Eastern China. 2016 , 9, 66-73	3
1036	Contribution of ENSO variability to the East Asian summer monsoon in the late Holocene. 2016 , 449, 510-519	37
1035	The verification of millennial-scale monsoon water vapor transport channel in northwest China. 2016 , 536, 273-283	15
1034	Global Monsoon in a Changing Climate. 2016 , 7-24	6
1033	South Asian Summer Monsoon Variability in a Changing Climate. 2016 , 25-46	5
1032	The Monsoons and Climate Change. 2016 , 1-6	2
1031	Variability in AIRS CO2 during active and break phases of Indian summer monsoon. 2016 , 541, 1200-1207	6

1030	The zonal movement of the IndianâEast Asian summer monsoon interface in relation to the landâBea thermal contrast anomaly over East Asia. 2016 , 46, 2759-2771	16
1029	Large-scale circulation classification and its links to observed precipitation in the eastern and central Tibetan Plateau. 2016 , 46, 3481-3497	43
1028	Short-term variability in the dates of the Indian monsoon onset and retreat on the southern and northern slopes of the central Himalayas as determined by precipitation stable isotopes. 2016 , 47, 159-172	32
1027	Relationship between tropospheric temperature and Indian summer monsoon rainfall as simulated by RegCM3. 2016 , 46, 3149-3162	19
1026	Sub-seasonal behaviour of Asian summer monsoon under a changing climate: assessments using CMIP5 models. 2016 , 46, 4003-4025	15
1025	Precipitation variability in September over the Korean Peninsula during ENSO developing phase. 2016 , 46, 3419-3430	20
1024	Weak monsoon event at 4.2 ka recorded in sediment from Lake Rara, Himalayas. 2016 , 397, 349-359	48
1023	Indian summer monsoon precipitating clouds: role of microphysical process rates. 2016 , 46, 2551-2571	13
1022	Indian summer monsoon simulations with CFSv2: a microphysics perspective. 2016 , 125, 253-269	12
1021	Precipitation climatology over India: validation with observations and reanalysis datasets and spatial trends. 2016 , 46, 541-556	83
1020	CMIP5 model-simulated onset, duration and intensity of the Asian summer monsoon in current and future climate. 2016 , 46, 355-382	28
1019	Possible roles of regional SST anomalies in long-term changes in the relationship between the Indian and Australian summer monsoon rainfall. 2016 , 124, 663-677	8
1018	Regional sea-surface temperatures explain spatial and temporal variation of summer precipitation in the source region of the Yellow River. 2016 , 61, 1383-1394	19
1017	Climatic risks and impacts in South Asia: extremes of water scarcity and excess. 2017 , 17, 1569-1583	38
1016	Projections of South Asian summer monsoon precipitation based on 12 CMIP5 models. 2017 , 37, 94-108	21
1015	Interannual variability of summer monsoon precipitation over the Indochina Peninsula in association with ENSO. 2017 , 128, 523-531	27
1014	Evaluation of NCEP TIGGE short-range forecast for Indian summer monsoon intraseasonal oscillation. 2017 , 129, 745-782	
1013	Seminal role of stratiform clouds in large-scale aggregation of tropical rain in boreal summer monsoon intraseasonal oscillations. 2017 , 48, 999-1015	12

1012	Intra-seasonal and Inter-annual variability of Bowen Ratio over rain-shadow region of North peninsular India. 2017 , 128, 835-844	4
1011	Late Holocene relative humidity history on the southeastern Tibetan plateau inferred from a tree-ring 118 O record: Recent decrease and conditions during the last 1500 years. 2017 , 430, 52-59	41
1010	Energetics and monsoon bifurcations. 2017 , 48, 561-576	3
1009	Model performance metrics and process diagnostics for boreal summer intraseasonal variability. 2017 , 48, 1661-1683	35
1008	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. 2017 , 48, 1769-1778	53
1007	Added value of a high-resolution regional climate model in simulation of intraseasonal variability of the South Asian summer monsoon. 2017 , 37, 1100-1116	9
1006	Climate change scenarios for Tibetan Plateau summer precipitation based on canonical correlation analysis. 2017 , 37, 1310-1321	10
1005	Elemental variability in the coralline alga Lithophyllum yemenense as an archive of past climate in the Gulf of Aden (NW Indian Ocean). 2017 , 53, 381-395	5
1004	Prediction of seasonal summer monsoon rainfall over homogenous regions of India using dynamical prediction system. 2017 , 546, 103-112	22
1003	Atlantic effects on recent decadal trends in global monsoon. 2017 , 49, 3443-3455	26
1002	Cloud-radiation-precipitation associations over the Asian monsoon region: an observational analysis. 2017 , 49, 3237-3255	14
1001	Influences of volcano eruptions on Asian Summer Monsoon over the last 110 years. 2017 , 7, 42626	25
1000	Understanding the Variations of the Length and the Seasonal Rainfall Anomalies of the Indian Summer Monsoon. 2017 , 30, 1753-1763	6
999	Millennium-Long Tree-Ring Chronology Reveals Megadroughts on the Southeastern Tibetan Plateau. 2017 , 73, 1-10	8
998	A Central Indian Ocean Mode and Heavy Precipitation during the Indian Summer Monsoon. 2017 , 30, 2055-2067	14
997	Influence of tropical South Atlantic sea-surface temperatures on the Indian summer monsoon in CMIP5 models. 2017 , 143, 1351-1363	38
996	Reconstruction of Indian summer monsoon winds and precipitation over the past 10,000 years using equatorial pacific SST proxy records. 2017 , 32, 195-216	14
995	Vegetation and climate reconstruction based on a ~4 ka pollen record from north Chhattisgarh, central India. 2017 , 41, 504-515	9

994	Tropical Atlantic-Korea teleconnection pattern during boreal summer season. 2017, 49, 2649-2664	17
993	On the spatial coherence of sub-seasonal to seasonal Indian rainfall anomalies. 2017 , 49, 3403-3423	18
992	Clay mineralogical and geochemical proxies of the East Asian summer monsoon evolution in the South China Sea during Late Quaternary. 2017 , 7, 42083	17
991	Intraseasonal rainfall variability in the Bay of Bengal during the Summer Monsoon: coupling with the ocean and modulation by the Indian Ocean Dipole. 2017 , 18, 88-95	4
990	Increasing heat waves and warm spells in India, observed from a multiaspect framework. 2017, 122, 3837-38	58 36
989	Dry Particulate Nitrate Deposition in China. 2017 , 51, 5572-5581	20
988	Winter AO/NAO modifies summer ocean heat content and monsoonal circulation over the western Indian Ocean. 2017 , 31, 94-106	3
987	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 1. Intraseasonal variability and causes. 2017 , 122, 4291-4311	37
986	Land-sea thermal contrast determines the trend of Walker circulation simulated in atmospheric general circulation models. 2017 , 44, 5854-5862	9
985	Interdecadal variation of summer monsoon over the southern part of South Asia in mid-1990s. 2017 , 37, 1138-1146	3
984	Modulation of the PDO to the relationship between moderate ENSO events and the winter climate over North America. 2017 , 37, 4275-4287	8
983	The Influence of Hydrology and Glaciology on Wetlands in the Himalayas. 175-188	1
982	Continental drift and plateau uplift control origination and evolution of Asian and Australian monsoons. 2017 , 7, 40344	19
981	An investigation of the influence of the southern annular mode on Indian summer monsoon rainfall. 2017 , 24, 172-179	8
980	Central Tibetan Plateau atmospheric trace metals contamination: A 500-year record from the Puruogangri ice core. 2017 , 601-602, 1349-1363	21
979	Interdecadal variability of the Afro-Asian summer monsoon system. 2017, 34, 833-846	43
978	Coherent tropical-subtropical Holocene see-saw moisture patterns in the Eastern Hemisphere monsoon systems. 2017 , 169, 231-242	13
977	Onset of the Bay of Bengal summer monsoon and the seasonal timing of ENSO's decay phase. 2017 , 37, 4938-4948	5

976	Performance evaluation of land surface models and cumulus convection schemes in the simulation of Indian summer monsoon using a regional climate model. 2017 , 197, 21-41	32
975	Sediment provenance and paleoenvironmental changes in the northwestern shelf mud area of the South China Sea since the mid-Holocene. 2017 , 144, 21-30	12
974	Comparative study of five current reanalyses in characterizing total cloud fraction and top-of-the-atmosphere cloud radiative effects over the Asian monsoon region. 2017 , 37, 5047-5067	9
973	Potential impact of the May Southern Hemisphere annular mode on the Indian summer monsoon rainfall. 2017 , 49, 1257-1269	19
972	Evolution of the Asian summer monsoon during Dansgaard/Oeschger events 13â¶7 recorded in a stalagmite constrained by high-precision chronology from southwest China. 2017 , 88, 121-128	8
971	The impacts of the Indian summer rainfall on North China summer rainfall. 2017 , 53, 195-206	5
970	Competing influences of greenhouse warming and aerosols on Asian Summer Monsoon circulation and rainfall. 2017 , Volume 53, 181-194	35
969	. 2017 , 55, 3466-3474	1
968	Analysis of the Southward Wind Shift of ENSO in CMIP5 Models. 2017, 30, 2415-2435	7
967	The 5400 a BP extreme weakening event of the Asian summer monsoon and cultural evolution. 2017 , 60, 1171-1182	18
966	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 2. Impact on SST and convection. 2017 , 122, 4312-4328	42
965	High-resolution regional-coupled oceanâltmosphere simulation of the Indian Summer Monsoon. 2017 , 37, 717-740	12
964	A unified nonlinear stochastic time series analysis for climate science. 2017 , 7, 44228	15
963	The Indian winter monsoon and its response to external forcing over the last two and a half centuries. 2017 , 49, 1801-1812	4
962	Recent trends and tele-connections among South and East Asian summer monsoons in a warming environment. 2017 , 48, 2489-2505	102
961	Air mass origin signals in ID of tree-ring cellulose revealed by back-trajectory modeling at the monsoonal Tibetan plateau. 2017 , 61, 1109-1124	14
960	Multi-century humidity reconstructions from the southeastern Tibetan Plateau inferred from tree-ring 🛮 80. 2017 , 149, 26-35	35
959	Premonsoon Drought in India Observed from Space. 2017 , 18, 683-692	2

958	Enhancing food security: Food crop portfolio choice in response to climatic risk in India. 2017 , 12, 22-30	26
957	Assessment of future ENSO changes in a CMIP3/CMIP5 multi-model and multi-index framework. 2017 , 37, 3439-3451	5
956	Role of interactions between cloud microphysics, dynamics and aerosol in the heavy rainfall event of June 2013 over Uttarakhand, India. 2017 , 143, 986-998	21
955	Winter monsoon variability and its impact on aerosol concentrations in East Asia. 2017 , 221, 285-292	60
954	Tropical and high latitude forcing of enhanced megadroughts in Northern China during the last four terminations. 2017 , 479, 98-107	15
953	A threefold rise in widespread extreme rain events over central India. 2017 , 8, 708	216
952	Pollen evidence for a mid-Holocene East Asian summer monsoon maximum in northern China. 2017 , 176, 29-35	75
951	Effect of Indian Ocean SST on Tibetan Plateau Precipitation in the Early Rainy Season. 2017 , 30, 8973-8985	10
950	Progress Towards Achieving the Challenge of Indian Summer Monsoon Climate Simulation in a Coupled Ocean-Atmosphere Model. 2017 , 9, 2268-2290	15
949	A joint monsoon index for East AsianâAustralian monsoons during boreal summer. 2017 , 18, 403-408	8
948	Robust Projected Weakening of Winter Monsoon Winds Over the Arabian Sea Under Climate Change. 2017 , 44, 9833-9843	26
947	Mesoscale precipitation characteristics near the Western Ghats during the Indian Summer Monsoon as simulated by a high-resolution regional model. 2017 , 143, 3070-3084	9
946	Influence of Latent Heating over the Asian and Western Pacific Monsoon Region on Sahel Summer Rainfall. 2017 , 7, 7680	11
945	Thermal Configuration of the Bay of BengalâTibetan Plateau Region and the May Precipitation Anomaly in Yunnan. 2017 , 30, 9303-9319	18
944	Role of Orography, Diurnal Cycle, and Intraseasonal Oscillation in Summer Monsoon Rainfall over the Western Ghats and Myanmar Coast. 2017 , 30, 9365-9381	33
943	Spatial patterns of wet season precipitation vertical gradients on the Tibetan Plateau and the surroundings. 2017 , 7, 5057	40
942	The global monsoon across time scales: Mechanisms and outstanding issues. 2017 , 174, 84-121	180
941	The Dominant Modes of Recycled Monsoon Rainfall over India. 2017 , 18, 2647-2657	4

940	ENSO-induced drought hazards and wet spells and related agricultural losses across Anhui province, China. 2017 , 89, 963-983	13
939	ENSO variability reflected in precipitation oxygen isotopes across the Asian Summer Monsoon region. 2017 , 475, 25-33	58
938	Low-high latitude interaction forcing on the evolution of the 400 kyr cycle in East Asian winter monsoon records during the last 2.8 Myr. 2017 , 172, 72-82	13
937	A road map for improving dry-bias in simulating the South Asian monsoon precipitation by climate models. 2017 , 49, 2025-2034	23
936	Reconstruction of Indian monsoon precipitation variability between 4.0 and 1.6 ka BP using speleothem ¶8O records from the Central Lesser Himalaya, India. 2017 , 10, 1	13
935	Revisiting the Observed Correlation Between Weekly Averaged Indian Monsoon Precipitation and Arabian Sea Aerosol Optical Depth. 2017 , 44, 10006-10016	13
934	The Indian monsoon variability and civilization changes in the Indian subcontinent. 2017, 3, e1701296	114
933	Diurnal Forcing Induces Variations in Seasonal Temperature and Its Rectification Mechanism in the Eastern Shelf Seas of China. 2017 , 122, 9870-9888	6
932	Bay of Bengal Exhibits Warming Trend During the Younger Dryas: Implications of AMOC. 2017 , 18, 4317-4325	14
931	Relationship between Indian and East Asian summer rainfall variations. 2017 , 34, 4-15	51
930	Summer monsoon rainfall variability over North East regions of India and its association with Eurasian snow, Atlantic Sea Surface temperature and Arctic Oscillation. 2017 , 49, 2545-2556	18
929	Quasi-biweekly oscillations of the South Asian monsoon and its co-evolution in the upper and lower troposphere. 2017 , 49, 3159-3174	20
928	Indian summer monsoon variability in southern India during the last deglaciation: Evidence from a high resolution stalagmite 180 record. 2017 , 485, 476-485	9
927	Orbitally-paced variations of water availability in the SE Asian Monsoon region following the Miocene Climate Transition. 2017 , 474, 272-282	7
926	Influences of Boreal Summer Intraseasonal Oscillation on Heat Waves in Monsoon Asia. 2017 , 30, 7191-7211	48
925	The asymmetric effects of El Niô and La Niâ on the East Asian winter monsoon and their simulation by CMIP5 atmospheric models. 2017 , 31, 82-93	9
924	Temperature and precipitation in the context of the annual cycle over Asia: Model evaluation and future change. 2017 , 53, 229-242	9
923	Contrasting response of rainfall extremes to increase in surface air and dewpoint temperatures at urban locations in India. 2017 , 7, 1228	74

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904	Sub-seasonal Predictability of the Onset and Demise of the Rainy Season over Monsoonal Regions. 2017 , 5,	17
903	Thermodynamic structure of the convective boundary layer (CBL) over the Indian monsoon region during CAIPEEX campaigns. 2017 , 35, 1361-1379	3
902	Changing circulation structure and precipitation characteristics in Asian monsoon regions: greenhouse warming vs. aerosol effects. 2017 , 4,	13
901	Seasonal modulation of the Asian summer monsoon between the Medieval Warm Period and Little Ice Age: a multi model study. 2017 , 4,	6
900	Short to sub-seasonal hydrologic forecast to manage water and agricultural resources in India. 2017 , 21, 707-720	23
899	Structure, characteristics, and simulation of monsoon low-pressure systems in CFSv2 coupled model. 2017 , 122, 6394-6415	15
898	The 30âBo-day Intraseasonal Variability of Sea Surface Temperature in the South China Sea dur1ing MayâBeptember. 2018 , 35, 550-566	4
897	Predicting Monsoon Intraseasonal Precipitation using a Low-Order Nonlinear Stochastic Model. 2018 , 31, 4403-4427	11
896	On the relationship between the early spring Indian Ocean's sea surface temperature (SST) and the Tibetan Plateau atmospheric heat source in summer. 2018 , 164, 1-10	12
895	The Silk Road agenda of the Pan-Eurasian Experiment (PEEX) program. 2018 , 2, 8-35	5
894	Large-scale Circulation Control of the Occurrence of Low-level Turbulence at Hong Kong International Airport. 2018 , 35, 435-444	5
893	Origin, Maintenance and Variability of the Asian Tropopause Aerosol Layer (ATAL): The Roles of Monsoon Dynamics. 2018 , 8, 3960	35
892	Trend and variability in a new, reconstructed streamflow dataset for West and Central Africa, and climatic interactions, 1950â\(2018\), 561, 478-493	23
891	Assessment of Land Surface Models in a High-Resolution Atmospheric Model during Indian Summer Monsoon. 2018 , 175, 3671-3696	14
890	Abrupt Climate Change in an Oscillating World. 2018 , 8, 5040	18
889	The Indian Summer Monsoon Intraseasonal Oscillations in CFSv2 Forecasts: Biases and Importance of Improving AirâBea Interaction Processes. 2018 , 31, 5351-5370	14
888	Tree ring width variations over western Himalaya in India and its linkage with heat and aridity indices. 2018 , 92, 635-645	4
887	Simulation of the Intraseasonal Variations of the Indian Summer Monsoon in a Regional Coupled OceanâAtmosphere Model. 2018 , 31, 3167-3185	12

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886	Climate change impact assessment of a river basin using CMIP5 climate models and the VIC hydrological model. 2018 , 63, 596-614	10
885	Contrast in monsoon precipitation over oceanic region of north Bay of Bengal and east equatorial Indian Ocean. 2018 , 38, e1061-e1075	4
884	Holocene climatic fluctuations and periodic changes in the Asian southwest monsoon region. 2018 , 156, 90-95	8
883	Role of Maddenâllulian Oscillation in Modulating Monsoon Retreat. 2018 , 175, 2341-2350	5
882	Influence of the Pacificâlapan Pattern on Indian Summer Monsoon Rainfall. 2018, 31, 3943-3958	29
881	The monsoon system: LandâBea breeze or the ITCZ?. 2018 , 127, 1	59
880	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. 2018 , 56, 185-206	207
879	Effects of intraseasonal oscillation on South China Sea summer monsoon onset. 2018 , 51, 2543-2558	32
878	Introduction. 2018 , 1-20	
877	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. 2018 , 31, 2699-2714	39
8 ₇₇ 8 ₇ 6	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. 2018, 31, 2699-2714 Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018, 123, 58-72	39 4
	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer	
876	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018 , 123, 58-72 Future projections of active-break spells of Indian summer monsoon in a climate change	4
876 875	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018, 123, 58-72 Future projections of active-break spells of Indian summer monsoon in a climate change perspective. 2018, 161, 222-230 A new assessment of modern climate change, ChinaâAn approach based on paleo-climate. 2018,	8
876 875 874	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018, 123, 58-72 Future projections of active-break spells of Indian summer monsoon in a climate change perspective. 2018, 161, 222-230 A new assessment of modern climate change, ChinaâAn approach based on paleo-climate. 2018, 177, 458-477	4 8 11
876 875 874 873	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018, 123, 58-72 Future projections of active-break spells of Indian summer monsoon in a climate change perspective. 2018, 161, 222-230 A new assessment of modern climate change, ChinaâAn approach based on paleo-climate. 2018, 177, 458-477 The role of monsoon low-level jet in modulating heavy rainfall events. 2018, 38, e569-e576 Monsoon climate response in Indian teak (Tectona grandis L.f.) along a transect from coast to	4 8 11
876 875 874 873	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. 2018, 123, 58-72 Future projections of active-break spells of Indian summer monsoon in a climate change perspective. 2018, 161, 222-230 A new assessment of modern climate change, ChinaâAn approach based on paleo-climate. 2018, 177, 458-477 The role of monsoon low-level jet in modulating heavy rainfall events. 2018, 38, e569-e576 Monsoon climate response in Indian teak (Tectona grandis L.f.) along a transect from coast to inland. 2018, 134, 1197-1205 Relevance of Indian Summer Monsoon and its Tropical Indo-Pacific Climate Drivers for the Kharif	4 8 11 11

868	Global-scale abrupt climate events and black swans: an ice-core-derived palaeoclimate perspective from Earth's highest mountains. 2018 , 462, 7-22	1
867	East Asian Winter Monsoon Impacts the ENSO-related Teleconnections and North American Seasonal Air Temperature Prediction. 2018 , 8, 6547	18
866	Relationship between Sea Surface Temperature and Rainfall in the Philippines during the Asian Summer Monsoon. 2018 , 96, 283-290	3
865	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. 2018 , 8, 4669	7
864	Monsoon variability and upper ocean stratification during the last ~66 ka over the Andaman Sea: Inferences from the 🛮 80 records of planktonic foraminifera. 2018 , 479, 12-18	12
863	High-resolution mid-Holocene Indian Summer Monsoon recorded in a stalagmite from the Kotumsar Cave, Central India. 2018 , 479, 19-24	23
862	Spatial and temporal precipitation patterns characterized by TRMM TMPA over the Qinghai-Tibetan plateau and surroundings. 2018 , 39, 3891-3907	25
861	Relative role of pre-monsoon conditions and intraseasonal oscillations in determining early-vs-late indian monsoon intensity in a GCM. 2018 , 131, 319-333	2
860	Statistical bias correction method applied on CMIP5 datasets over the Indian region during the summer monsoon season for climate change applications. 2018 , 131, 471-488	8
859	Climate in Sundaland and Asian monsoon variability during the last deglaciation. 2018, 479, 141-147	5
858	Indian summer monsoon rainfall variability during 2014 and 2015 and associated Indo-Pacific upper ocean temperature patterns. 2018 , 131, 1235-1247	8
857	Orbital-scale nonlinear response of East Asian summer monsoon to its potential driving forces in the late Quaternary. 2018 , 50, 2183-2197	7
856	Seasonal ENSO phase locking in the Kiel Climate Model: The importance of the equatorial cold sea surface temperature bias. 2018 , 50, 901-919	25
855	Monsoon Dynamics and Its Interactions with Ocean. 2018 , 185-229	
854	SMMR-SSM/I derived Greenland Sea ice variability: links with Indian and Korean Monsoons. 2018 , 50, 1023-1043	7
853	Role of monsoon intraseasonal oscillation and its interannual variability in simulation of seasonal mean in CFSv2. 2018 , 131, 745-760	2
852	Diversity in the representation of large-scale circulation associated with ENSO-Indian summer monsoon teleconnections in CMIP5 models. 2018 , 132, 465-478	14
851	Assessment of two versions of regional climate model in simulating the Indian Summer Monsoon over South Asia CORDEX domain. 2018 , 50, 3049-3061	27

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850	A comprehensive analysis of coherent rainfall patterns in China and potential drivers. Part II: intraseasonal variability. 2018 , 51, 17-33	11
849	Late Holocene stable isotopic (13C and 15N) records of lacustrine organic matter in Guangdong Province, south China, and their palaeoenvironmental implications. 2018, 47, 510-521	3
848	A strengthened East Asian Summer Monsoon during Pliocene warmth: Evidence from âled clayâl sediments at Pianguan, northern China. 2018 , 155, 124-133	22
847	Latitudinal variation in summer monsoon rainfall over Western Ghat of India and its association with global sea surface temperatures. 2018 , 613-614, 88-97	12
846	Origin of Indian summer monsoon rainfall biases in CMIP5 multimodel ensemble. 2018, 51, 755-768	20
845	Local onset and demise of the Indian summer monsoon. 2018 , 51, 1609-1622	17
844	Precipitation over the Tibetan Plateau during recent decades: a review based on observations and simulations. 2018 , 38, 1116-1131	74
843	Hourly station-based precipitation characteristics over the Tibetan Plateau. 2018 , 38, 1560-1570	28
842	Prehistoric heavy metal pollution on the continental shelf off Hainan Island, South China Sea: From natural to anthropogenic impacts around 4.0 kyr BP. 2018 , 28, 455-463	17
841	Intra-seasonal variability of the South Asian monsoon and its relationship with the Indoâ P acific sea-surface temperature in the NCEP CFSv2. 2018 , 38, e28-e47	6
840	Implications of palaeohydrological proxies on the late Holocene Indian Summer Monsoon variability, western India. 2018 , 479, 25-33	6
839	Timing of the Indian Summer Monsoon onset during the early Holocene: Evidence from a sediment core at Linggo Co, central Tibetan Plateau. 2018 , 28, 755-766	4
838	Agricultural susceptibility to monsoon variability: A district level analysis of Maharashtra, India. 2018 , 619-620, 559-577	16
837	Indo-Pacific climate during the decaying phase of the 2015/16 El Niê: role of southeast tropical Indian Ocean warming. 2018 , 50, 4707-4719	17
836	Characterizing Indian meteorological moisture anomaly condition using long-term (1901â2013) gridded data: a multivariate moisture anomaly index approach. 2018 , 38, e144-e159	4
835	Aerosol characteristics in the upper troposphere and lower stratosphere region during successive and contrasting Indian summer monsoon season. 2018 , 173, 46-52	4
834	The role of potential vorticity anomalies in the Somali Jet on Indian Summer Monsoon Intraseasonal Variability. 2018 , 50, 4149-4169	1
833	Performance evaluation of regional climate model to simulate sub-seasonal variability of Indian Summer Monsoon. 2018 , 50, 3595-3612	7

832	Prediction of kharif rice yield at Kharagpur using disaggregated extended range rainfall forecasts. 2018 , 133, 1075-1091	7
831	Long-Term Climate Simulations Using the IITM Earth System Model (IITM-ESMv2) With Focus on the South Asian Monsoon. 2018 , 10, 1127-1149	18
830	Observed heterogeneity in the local atmosphere and landâlir heat exchange across complex terrain in the Tibetan mountains. 2018 , 50, e1542209	
829	Precipitation concentration changes over India during 1951 to 2015. 2018 , 13, 14-26	3
828	Evaluation of NESMv3 and CMIP5 ModelsâlPerformance on Simulation of Asian-Australian Monsoon. 2018 , 9, 327	8
827	Re-Examination of the Decadal Change in the Relationship between the East Asian Summer Monsoon and Indian Ocean SST. 2018 , 9, 395	3
826	Coupled model fidelity in capturing atmospheric internal processes during organization and intensification of boreal summer intra-seasonal oscillation. 2018 , 38, 5339-5353	3
825	Hindcast skill improvement in Climate Forecast System (CFSv2) using modified cloud scheme. 2018 , 38, 2994-3012	11
824	Revisiting the relationship between El Ni ô -Southern Oscillation and the East Asian winter monsoon. 2018 , 38, 4846-4859	10
823	Reconciling drainage and receiving basin signatures of the Godavari River system. 2018 , 15, 3357-3375	15
822	Inter-annual variability of global monsoon precipitation in present-day and future warming scenarios based on 33 Coupled Model Intercomparison Project Phase 5 models. 2018 , 38, 4875-4890	7
821	Rainfall Pattern Analysis over India in Relation to the State of Kerala. 2018,	
820	Indian monsoon data assimilation and analysis regional reanalysis: Configuration and performance. 2018 , 19, e808	18
819	Influence of ENSO on Deviation of The Season Onset in Java Based on CCAM Downscaling Data. 2018 , 166, 012030	1
818	Southern Hemisphere forcing of South Asian monsoon precipitation over the past ~1 million years. 2018 , 9, 4702	40
817	Impact of snow-darkening by deposition of light-absorbing aerosols on snow cover in the Himalaya-Tibetan-Plateau and influence on the Asian Summer monsoon: A possible mechanism for the Blanford Hypothesis. 2018 , 9, 438	27
816	A Statistical Analysis of Hail Events and Their Environmental Conditions in China during 2008â¶5. 2018 , 57, 2817-2833	10
815	Contrasting Impacts of ENSO on the Interannual Variations of Summer Runoff between the Upper and Mid-Lower Reaches of the Yangtze River. 2018 , 9, 478	10

814	The CAMS Climate System Model and a Basic Evaluation of Its Climatology and Climate Variability Simulation. 2018 , 32, 839-861	34
813	Annual Rossby Waves Below the Pycnocline in the Indian Ocean. 2018 , 123, 9405-9415	5
812	Long-term changes in wet nitrogen and sulfur deposition in Nanjing. 2018, 195, 104-111	8
811	Influence of the Boreal Summer Intraseasonal Oscillation on Extreme Temperature Events in the Northern Hemisphere. 2018 , 32, 534-547	11
810	High-resolution ensemble projections and uncertainty assessment of regional climate change over China in CORDEX East Asia. 2018 , 22, 3087-3103	16
809	The turnover of continental planktonic diatoms near the middle/late Miocene boundary and their Cenozoic evolution. 2018 , 13, e0198003	8
808	Global warming and rainfall: Lessons from an analysis of Mid-Miocene climate data. 2018, 512, 106-117	11
807	A Two-Dimensional Dynamical Model for the Subseasonal Variability of the Asian Monsoon Anticyclone. 2018 , 75, 3597-3612	6
806	Variability in Coral-Reconstructed Sea Surface Salinity Between the Northern and Southern Lombok Strait Linked to East Asian Winter Monsoon Mean State Reversals. 2018 , 33, 1116-1133	5
805	Impact of Change in Monsoonal Circulation Due to SST Warming on the North East Asian Monsoon: A Model Analysis Using Satellite Based Sub-Grid Hydrometeors. 2018 , 54, 545-561	
804	Decadal Trends in Wet Sulfur Deposition in China Estimated From OMI SO2 Columns. 2018, 123, 10,796	13
803	Increased effective moisture in northern Vietnam during the Little Ice Age. 2018, 511, 449-461	8
802	Summer temperature variability inferred from tree-ring records in the central Hengduan Mountains, southeastern Tibetan Plateau. 2018 , 51, 92-100	7
801	Combined impacts of convection and microphysics parameterizations on the simulations of precipitation and cloud properties over Asia. 2018 , 212, 172-185	11
800	Interpreting Precession-Driven 180 Variability in the South Asian Monsoon Region. 2018, 123, 5927-5946	30
799	Indian Summer Monsoon Sub-seasonal Low-Level Circulation Predictability and its Association with Rainfall in a Coupled Model. 2018 , 175, 449-463	1
798	Global energetics and local physics as drivers of past, present and future monsoons. 2018, 11, 392-400	61
797	A Simple Pedagogical Model Linking Initial-Value Reliability with Trustworthiness in the Forced Climate Response. 2018 , 99, 605-614	4

796	The Asymmetric Influence of the South China Sea Biweekly SST on the Abnormal Indian Monsoon Rainfall of 2002. 2018 , 175, 4625-4642	2
795	Multiscale Atmospheric Overturning of the Indian Summer Monsoon as Seen through Isentropic Analysis. 2018 , 75, 3011-3030	15
794	Assessment of the Weather Research and Forecasting (WRF) model for simulation of extreme rainfall events in the upper Ganga Basin. 2018 , 22, 1095-1117	60
793	Characteristics of monsoonal precipitating cloud systems over the Indian subcontinent derived from weather radar data. 2018 , 144, 1742-1760	8
792	Mid-Pliocene global land monsoon from PlioMIP1 simulations. 2018 , 512, 56-70	12
791	Major Environmental Issues and Problems of South Asia, Particularly Bangladesh. 2018 , 1-40	21
790	Early Eocene plant megafossil assemblage of western India: Paleoclimatic and paleobiogeographic implications. 2018 , 258, 123-132	6
789	Analyzing Large-Scale Hydrologic Processes Using GRACE and Hydrometeorological Datasets. 2018 , 32, 4409-4423	6
788	Asian Summer Precipitation over the Past 544 Years Reconstructed by Merging Tree Rings and Historical Documentary Records. 2018 , 31, 7845-7861	27
787	Relationship between Ocean-Atmospheric Climate Variables and Regional Streamflow of the Conterminous United States. 2018 , 5, 30	14
786	Decreasing Indian summer monsoon on the northern Indian sub-continent during the last 180 years: evidence from five tree-ring cellulose oxygen isotope chronologies. 2018 , 14, 653-664	49
785	Evaluation of Microphysics and Cumulus Schemes of WRF for Forecasting of Heavy Monsoon Rainfall over the Southeastern Hilly Region of Bangladesh. 2018 , 175, 4537-4566	13
7 ⁸ 4	Ice versus liquid water saturation in simulations of the Indian summer monsoon. 2018 , 51, 3847-3863	3
783	ENSO hindcast skill of the IAP-DecPreS near-term climate prediction system: comparison of full-field and anomaly initialization. 2018 , 11, 54-62	6
782	Perspectives on the non-stationarity of the relationship between Indian and East Asian summer rainfall variations. 2018 , 11, 104-111	5
781	Mass Balance Status of Indian Himalayan Glaciers: A Brief Review. 2018 , 6,	6
780	Global fatal landslide occurrence from 2004 to 2016. 2018 , 18, 2161-2181	524
779	The impact of interactions between tropical and midlatitude intraseasonal oscillations around the Tibetan Plateau on the 1998 Yangtze floods. 2018 , 144, 1123-1139	13

778	Millennial-scale Asian monsoon variability during the late Marine Isotope Stage 6 from Hulu Cave, China. 2018 , 90, 394-405	5
777	Temporal evolution of hydroclimatic teleconnection and a time-varying model for long-lead prediction of Indian summer monsoon rainfall. 2018 , 8, 10778	21
776	Holocene temperature and hydrological changes reconstructed by bacterial 3-hydroxy fatty acids in a stalagmite from central China. 2018 , 192, 97-105	15
775	Variability of terrigenous input to the Bay of Bengal for the last ~80 kyr: Implications on the Indian monsoon variability. 2018 , 38, 341-350	6
774	Climatically Driven Changes in the Supply of Terrigenous Sediment to the East China Sea. 2018 , 19, 2463-2477	2
773	Intraseasonal Variability of AirâBea Fluxes over the Bay of Bengal during the Southwest Monsoon. 2018 , 31, 7087-7109	12
772	Short-Range Prediction of Monsoon Precipitation by NCMRWF Regional Unified Model with Explicit Convection. 2018 , 175, 1197-1218	7
771	A Higher-resolution Version of the Max Planck Institute Earth System Model (MPI-ESM1.2-HR). 2018 , 10, 1383-1413	117
770	Decoupled early Holocene summer temperature and monsoon precipitation in southwest China. 2018 , 193, 54-67	52
769	Characteristics of northward propagating intraseasonal oscillation in the Indian summer monsoon. 2019 , 52, 1903-1916	16
768	Improved seasonal predictive skill and enhanced predictability of the Asian summer monsoon rainfall following ENSO events in NCEP CFSv2 hindcasts. 2019 , 52, 3079-3098	13
767	Does El Niô play an early signal role for the south-flood north-drought pattern over eastern China?. 2019 , 137, 217-227	6
766	Use of large-scale atmospheric energetics for understanding the dynamics of contrasting Indian summer monsoon rainfall in different years. 2019 , 131, 945-956	1
765	Aerosol Influences on Cloud Modification and Rainfall Suppression in the South Asian Monsoon Region. 2019 , 21-37	1
764	A minimalistic seasonal prediction model for Indian monsoon based on spatial patterns of rainfall anomalies. 2019 , 52, 3661-3681	6
763	A history of the Asian monsoon and its interactions with solid Earth tectonics in Cenozoic South Asia. 2019 , 483, 631-652	18
762	Factors controlling the interannual variation of 30âB0-day boreal summer intraseasonal oscillation over the Asian summer monsoon region. 2019 , 52, 1651-1672	9
761	Impact of convective parameterization on the seasonal prediction skill of Indian summer monsoon. 2019 , 53, 6227-6243	11

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759	El Ni ô â E ast Asian monsoon teleconnection and its diversity in CMIP5 models. 2019 , 53, 6417-6435	9
758	Estimation of Monsoon Seasonal Precipitation Teleconnection with El Ni ô -Southern Oscillation Sea Surface Temperature Indices over the Western Ghats of Karnataka. 2019 , 1	4
757	Microphysical Characteristics of Precipitation during Pre-monsoon, Monsoon, and Post-monsoon Periods over the South China Sea. 2019 , 36, 1103-1120	15
756	Variation characteristics of rainfall erosivity in Guizhou Province and the correlation with the El Ni ô Southern Oscillation. 2019 , 691, 835-847	13
755	Basic Features of the Asian Summer Monsoon System. 2019 , 3-22	O
754	Seasonal Transition of the Moisture Transport in the Asian Monsoon Region. 2019 , 23-36	
753	A southern and northern control on speleothem-based Asian summer monsoon variability during MIS 4. 2019 , 92, 738-753	1
752	Changes in Indian Summer Monsoon Using Neodymium (Nd) Isotopes in the Andaman Sea During the Last 24,000 years. 2019 , 3, 241-253	7
75 ¹	Assessment of Indian summer monsoon variability in a regional climate model coupled to a slab ocean model. 2019 , 138, 1939-1949	1
750	Response and feedback of the Indian summer monsoon and the Southern Westerly Winds to a temperature contrast between the hemispheres during the last glacialalalaterglacial transitional period. 2019 , 197, 102917	3
749	Strengthened Indian Summer Monsoon Precipitation Susceptibility Linked to Dust-Induced Ice Cloud Modification. 2019 , 46, 8431-8441	4
748	Vertical characteristics of radar reflectivity and DSD parameters in intense convective clouds over South East South Asia during the Indian Summer monsoon: GPM observations. 2019 , 40, 9604-9628	7
747	Seasonal and Regional Differences in Extreme Rainfall Events and Their Contribution to the Worldâll Precipitation: GPM Observations. 2019 , 2019, 1-15	12
746	Understanding the interannual variations of the zonal mean Indian summer monsoon seasonal rainfall. 2019 , 53, 5547-5559	
745	Change in Relationship between the East Asian Winter Monsoon and the East Asian Jet Stream during the 1998âB9 Regime Shift. 2019 , 32, 6163-6175	5
744	Extracting Robust Predictors From a Factor Field: An Empirically Optimal Screening Method. 2019 , 46, 8355-8362	3
743	Comparing Convective Self-Aggregation in Idealized Models to Observed Moist Static Energy Variability Near the Equator. 2019 , 46, 10589-10598	5

742	Malay Archipelago Forest Loss to Cash Crops and Urban Expansion Contributes to Weaken the Asian Summer Monsoon: An Atmospheric Modeling Study. 2019 , 32, 3189-3205	2
741	Thermodynamic and dynamic effects of increased moisture sources over the Tropical Indian Ocean in recent decades. 2019 , 53, 7081-7096	7
740	Spatio-temporal analysis and estimation of rainfall variability in and around upper Godavari River basin, India. 2019 , 12, 1	10
739	Asymmetry of Atmospheric Responses to Two-Type El Ni ô and La Ni â over Northwest Pacific. 2019 , 33, 826-836	3
738	Decadal Changes in Interannual Dependence of the Bay of Bengal Summer Monsoon Onset on ENSO Modulated by the Pacific Decadal Oscillation. 2019 , 36, 1404-1416	7
737	How marine emissions of bromoform impact the remote atmosphere. 2019 , 19, 11089-11103	4
736	Contribution of Mountain River Materials to the Continental Shelf off Southeastern Hainan Island Since the Mid-Holocene. 2019 , 18, 1123-1129	
735	Evaluating the Bias of South China Sea Summer Monsoon Precipitation Associated with Fast Physical Processes Using a Climate Model Hindcast Approach. 2019 , 32, 4491-4507	6
734	Assessment of coupled regional climate model (RegCM4.6â©LM4.5) for Indian summer monsoon. 2019 , 53, 6543-6558	4
733	Projected near term changes in the East Asian summer monsoon and its uncertainty. 2019 , 14, 084038	6
732	Unveiling of the SST gradient over the South China Sea and its possible relationship to the Asian precipitation. 2019 , 303, 012060	1
731	Impact of West Asia, Tibetan Plateau and local dust emissions on intra-seasonal oscillations of the South Asian monsoon rainfall. 2019 , 53, 6569-6593	9
730	DecadalâMultidecadal Variations of Asian Summer Rainfall from the Little Ice Age to the Present. 2019 , 32, 7663-7674	4
729	Evaluation of surface shortwave and longwave downwelling radiations over the global tropical oceans. 2019 , 1, 1	9
728	Monsoon Mission: A Targeted Activity to Improve Monsoon Prediction across Scales. 2019 , 100, 2509-2532	34
727	Factors Limiting the Forecast Skill of the Boreal Summer Intraseasonal Oscillation in a Subseasonal-to-Seasonal Model. 2019 , 36, 104-118	4
726	Evaluation of Upper Tropospheric Humidity in WRF Model during Indian Summer Monsoon. 2019 , 55, 575-588	1
725	Monsoon rainfall over India in June and link with northwest tropical pacific. 2019 , 135, 1195-1213	13

724	Spatio-temporal changes in terrestrial water storage in the Himalayan river basins and risks to water security in the region: A review. 2019 , 35, 101068	13
723	Land Surface Processes. 2019 , 349-370	6
722	Aerosols impact on the convective and non-convective rain distribution over the Indian region: Results from WRF-Chem simulation. 2019 , 202, 64-74	5
721	Air-sea interactive forcing on phytoplankton productivity and community structure changes in the East China Sea during the Holocene. 2019 , 179, 80-91	5
720	Role of the South Asian High in the Onset Process of the Asian Summer Monsoon during Spring-to-Summer Transition. 2019 , 10, 239	12
719	Global climatology of nocturnal low-level jets and associated moisture sources and sinks. 2019 , 229, 39-59	14
718	Bayesian Assimilation of Multiscale Precipitation Data and Sparse Ground Gauge Observations in Mountainous Areas. 2019 , 20, 1473-1494	5
717	Major Environmental Issues and Problems of South Asia, Particularly Bangladesh. 2019 , 109-148	5
716	Multi-scale temporal-spatial variability of the East Asian summer monsoon frontal system: observation versus its representation in the GFDL HiRAM. 2019 , 52, 6787-6798	6
715	Predictability of East Asian summer monsoon in seasonal climate forecast models. 2019 , 39, 5688-5701	19
714	Northwest Pacific Anticyclonic Anomalies during Postâ E l Ni ô Summers Determined by the Pace of El Ni ô Decay. 2019 , 32, 3487-3503	15
713	Modeling the late Pliocene global monsoon response to individual boundary conditions. 2019 , 53, 4871-4886	4
712	Seasonal variations in size and intensity of the Indo-western Pacific warm pool in different sectors. 2019 , 75, 423-439	1
711	Improving the simulation of East Asian summer monsoon with mesoscale enhancement in an AGCM. 2019 , 53, 225-236	5
710	The Impact of Modified Fractional Cloud Condensate to Precipitation Conversion Parameter in Revised Simplified Arakawa-Schubert Convection Parameterization Scheme on the Simulation of Indian Summer Monsoon and Its Forecast Application on an Extreme Rainfall Event Over Mumbai.	7
709	2019 , 124, 5379-5399 Atmospheric carbon dioxide, ice sheet and topographic constraints on palaeo moisture availability in Asia. 2019 , 519, 12-27	9
708	Analysis of NMME system in simulating Indian summer monsoon rainfall. 2019 , 138, 1241-1253	0
707	Role of SST feedback in the prediction of the boreal summer monsoon intraseasonal oscillation. 2019 , 53, 3861-3875	4

(2019-2019)

706	On the Relation between the Boreal Spring Position of the Atlantic Intertropical Convergence Zone and Atlantic Zonal Mode. 2019 , 32, 4767-4781	5
705	Precipitation characteristics of two complex mountain river basins on the southern slopes of the central Himalayas. 2019 , 138, 1159-1178	6
704	Air moisture signals in a stable oxygen isotope chronology of dwarf shrubs from the central Tibetan Plateau. 2019 , 124, 53-64	3
703	Numerical Analysis of the Mesoscale Dynamics of an Extreme Rainfall and Flood Event in Sri Lanka in May 2016. 2019 , 97, 821-839	
702	Changes in the Asian monsoon climate during the late last interglacial recorded in oxygen isotopes of a stalagmite from the Yongxing Cave, central China. 2019 , 179, 211-218	3
701	Effects of a multilayer snow scheme on the global teleconnections of the Indian summer monsoon. 2019 , 145, 1102-1117	3
700	A Moist Entropy Budget View of the South Asian Summer Monsoon Onset. 2019 , 46, 4476-4484	6
699	Interannual variability of the seesaw mode of the interface between the Indian and East Asian summer monsoons. 2019 , 53, 2683-2695	3
698	The Interdecadal Change of Summer Water Vapor over the Tibetan Plateau and Associated Mechanisms. 2019 , 32, 4103-4119	28
697	Bay of Bengal-East Asia-Pacific Teleconnection in Boreal Summer. 2019 , 124, 4395-4412	8
697 696	Bay of Bengal-East Asia-Pacific Teleconnection in Boreal Summer. 2019 , 124, 4395-4412 Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019 , 507, 188-196	2
	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A	
696	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019 , 507, 188-196 Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines.	2
696	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019 , 507, 188-196 Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines. 2019 , 49, 765-787	3
696 695 694	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019, 507, 188-196 Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines. 2019, 49, 765-787 How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. 2019, 32, 3245-3262 An objective definition of summer monsoon onset in the northwestern maritime continent. 2019,	2 3 19
696 695 694	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019, 507, 188-196 Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines. 2019, 49, 765-787 How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. 2019, 32, 3245-3262 An objective definition of summer monsoon onset in the northwestern maritime continent. 2019, 39, 4313-4328 Interdecadal changes in potential predictability of the summer monsoon in East Asia and South	2 3 19 2
696 695 694 693	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. 2019, 507, 188-196 Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines. 2019, 49, 765-787 How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. 2019, 32, 3245-3262 An objective definition of summer monsoon onset in the northwestern maritime continent. 2019, 39, 4313-4328 Interdecadal changes in potential predictability of the summer monsoon in East Asia and South Asia. 2019, 20, e890 The Relation of Intraseasonal Variations With Local Onset and Demise of the Indian Summer	2 3 19 2

688	Combined Effects of El Niê and the Pacific Decadal Oscillation on Summertime Circulation over East Asia. 2019 , 55, 91-99	5
687	Extremely Late Onset of the 2018 South China Sea Summer Monsoon Following a La Ni â Event: Effects of Triple SST Anomaly Mode in the North Atlantic and a Weaker Mongolian Cyclone. 2019 , 46, 2956-2963	16
686	Cloud microphysical profile differences pertinent to monsoon phases: inferences from a cloud radar. 2019 , 131, 1723-1738	3
685	Dynamically Downscaled Climate Simulations of the Indian Monsoon in the Instrumental Era: Physics Parameterization Impacts and Precipitation Extremes. 2019 , 58, 831-852	6
684	The weakening relationship between Eurasian spring snow cover and Indian summer monsoon rainfall. 2019 , 5, eaau8932	22
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465	Understanding the combined effects of global warming and anthropogenic aerosol forcing on the South Asian monsoon. 2021 , 56, 1643-1662	7
464	Causes of the extreme snowfall anomaly over the northeast Tibetan plateau in early winter 2018. 2021 , 56, 1767-1782	4
463	Assessment of Ocean-Atmosphere Interactions for the Boreal Summer Intraseasonal Oscillations in CMIP5 Models over the Indian Monsoon Region. 2021 , 57, 717-739	O
462	The Choco low-level jet: past, present and future. 2021 , 56, 2667-2692	6
461	Anomalous Warm Winter 2019/2020 over East Asia Associated with Trans-basin Indo-Pacific Connections. 2021 , 17B, 9-13	O
460	Effect of Spatial and Temporal Land Use-Land Cover Change on the Rainfall Trend: A Case Study in Kerala. 2021 , 161-171	O
459	ENSOâlhdian summer monsoon teleconnections. 2021 , 51-68	O
458	Future changes in precipitation extremes over Southeast Asia: insights from CMIP6 multi-model ensemble. 2021 , 16, 024013	16
457	Spatial and temporal variations in particulate organic carbon in Indonesian waters over two decades. 2021 ,	2
456	Characteristics of Large-Scale Circulation Affecting the Inter-Annual Precipitation Variability in Northern Sumatra Island during Boreal Summer. 2021 , 12, 136	О
455	Interplay Between Subseasonal Rainfall and Global Predictors in Modulating Interannual to Multidecadal Predictability of the ISMR. 2021 , 48,	5

454	Groundwater storage dynamics in the Himalayan river basins and impacts of global change in the Anthropocene. 2021 , 47-63	
453	Empirical Orthogonal Function Analysis of Subdivisional Rainfall over India. 2021 , 397-405	
452	South Asian summer monsoon response to anthropogenic aerosol forcing. 2021 , 433-448	
451	Quantitative study of the interannual variability of South Asian summer monsoon rainfall regulated by SST. 2021 , 41, 3457-3468	
450	Simulating the mid-Holocene, last interglacial and mid-Pliocene climate with EC-Earth3-LR. 2021 , 14, 1147-1169	8
449	Biases in Indian Summer Monsoon Precipitation Forecasts in the Unified Model and Their Relationship With BSISO Index. 2021 , 48, e2020GL090529	O
448	Synergetic effect of El Ni ô -Southern Oscillation and Indian Ocean Dipole on particulate matter in Guangdong, China. 2021 , 41, 3615-3627	
447	Observed Characteristics of Rainfall Indices and Outgoing Longwave Radiation over the Gangetic Plain of India. 2021 , 178, 619-631	3
446	On the build-up of dust aerosols and possible indirect effect during Indian summer monsoon break spells using recent satellite observations of aerosols and cloud properties. 2021 , 130, 1	3
445	Impact of middle east dust on subseasonal-to-seasonal variability of the Asian summer monsoon. 2021 , 57, 37-54	3
444	Relationship between the Tibetan Plateau-tropical Indian Ocean thermal contrast and the South Asian summer monsoon. 2021 , 15, 151-166	О
443	Influence of aerosols on clouds, precipitation and freezing level height over the foothills of the Himalayas during the Indian summer monsoon. 2021 , 57, 395-413	1
442	The South Asia Monsoon Break Promotes Grass Growth on the Tibetan Plateau. 2021 , 126, e2020JG005951	4
441	The precipitation variability of the wet and dry season at the interannual and interdecadal scales over eastern China (1901âa016): the impacts of the Pacific Ocean. 2021 , 25, 1467-1481	Ο
440	Marine sedimentary records of chemical weathering evolution in the western Himalaya since 17 Ma. 2021 , 17, 824-853	3
439	Simulation of interannual relationship between the Atlantic zonal mode and Indian summer monsoon in CFSv2. 2021 , 57, 353-373	
438	Observed Large-Scale Structures and Diabatic Heating Profiles of Precipitation Over the Tibetan Plateau and South China. 2021 , 126, e2020JD033949	О
437	Storm types in India: linking rainfall duration, spatial extent and intensity. 2021 , 379, 20200137	3

436	Atmosphere Driven Mass-Balance Sensitivity of Halji Glacier, Himalayas. 2021 , 12, 426	2
435	Impact of Climate Change on Past Indian Monsoon and Circulation: A Perspective Based on Radiogenic and Trace Metal Geochemistry. 2021 , 12, 330	0
434	Evaluation of Regional Land Surface Conditions Developed Using The High-Resolution Land Data Assimilation System (HRLDAS) with Satellite and Global Analyses Over India. 2021 , 178, 1405-1424	О
433	Prediction of dominant daily modes of the Indian summer monsoon in the NCEP GFS model. 2021 , 133, 1009-1027	O
432	GOSAT CH4 Vertical Profiles over the Indian Subcontinent: Effect of a Priori and Averaging Kernels for Climate Applications. 2021 , 13, 1677	2
431	Discrepancies of Upper Troposphere Summer Thermal Contrast Between Tibetan Plateau and Tropical Indian Ocean in Multiple Data. 2021 , 9,	O
430	Synergistic impacts of anthropogenic fires and aridity on plant diversity in the Western Ghats: Implications for management of ancient social-ecological systems. 2021 , 283, 111957	0
429	Vegetation response to the Indian Summer Monsoon (ISM) variability during the Late-Holocene from the central Indian core monsoon zone. 2021 , 31, 1197-1211	6
428	Two contrasting summer monsoon seasons in the recent past decade: An observational study. 2021 , 130, 1	
427	Depth-Duration-Frequency of Extreme Precipitation Events Under Internal Climate Variability: Indian Summer Monsoon. 2021 , 126, e2020JD034193	o
426	Lateglacial and Holocene climate change in the NE Tibetan Plateau: Reconciling divergent proxies of Asian summer monsoon variability. 2021 , 199, 105089	7
425	Relationships between subseasonal-to-seasonal predictability and spatial scales in tropical rainfall. 2021 , 41, 5596	1
424	Does increasing the spatial resolution in dynamical downscaling impact climate change projection of Indian summer monsoon, population and GDP?. 2021 , 145, 441-453	1
423	The Importance of the Orbital Parameters for the Indian Summer Monsoon During the Mid-Holocene, as Deciphered From Atmospheric Model Experiments. 2021 , 9,	1
422	ANN-Based Assessment of the Influence of Natural and Anthropogenic Forcing on Surface Air Temperature Variability Over the Indian Subcontinent. 2021 , 178, 1911	
421	The Strengthening Association Between Siberian Snow and Indian Summer Monsoon Rainfall. 2021 , 126, e2020JD033779	O
420	Intraseasonal oscillation of the southwest monsoon over Sri Lanka and evaluation of its subseasonal forecast skill. 2021 , 14, 100062	0
419	Effects of Tibetan Plateau Growth, Paratethys Sea Retreat and Global Cooling on the East Asian Climate by the Early Miocene. 2021 , 22, e2021GC009655	1

418	Illuminating Empirical Evidence of Climate Change: Impacts on Rice Production in the Punjab Regions, Pakistan. 1	6
417	The influence of quasi-biennial oscillation on West African Rainfall. 1	1
416	Comparison of MMCFS and SINTEX-F2 for seasonal prediction of Indian summer monsoon rainfall. 2021 , 41, 6084	О
415	Moisture channels and pre-existing weather systems for East Asian rain belts. 2021 , 4,	1
414	Does statistical model perform at par with computationally expensive general circulation model for decadal prediction?. 2021 , 16, 064028	2
413	Synergetic application of GRACE gravity data, global hydrological model, and in-situ observations to quantify water storage dynamics over Peninsular India during 2002â2017. 2021, 596, 126069	13
412	Top-of-Atmosphere Radiation Budget and Cloud Radiative Effects Over the Tibetan Plateau and Adjacent Monsoon Regions From CMIP6 Simulations. 2021 , 126, e2020JD034345	3
411	Response of the Indian summer monsoon to global warming, solar geoengineering and its termination. 2021 , 11, 9791	1
410	Impact of El Ni ô Southern Oscillation on Rainfall and Rice Production: A Micro-Level Analysis. 2021 , 11, 1021	1
409	Influence of Tibetan Plateau on the North American summer monsoon precipitation. 2021, 57, 3093	
408	Monsoonal climatic reconstruction from Central India during the last ca. 3600 cal yr: signatures of global climatic events, based on lacustrine sediment pollen records. 1-18	3
407	Associating Climatic Trends with Stochastic Modelling of Flow Sequences. 2021 , 11, 255	O
406	Assessing the land degradation and greening response to changes in hydro-climatic variables using a conceptual framework: A case-study in central India. 2021 , 32, 4132-4148	2
405	Moisture channels and pre-existing weather systems for East Asian rain belts.	
404	Precipitation over Indochina during the monsoon transition: modulation by Indian Ocean and ENSO regimes. 2021 , 57, 2491	O
403	The Temporal and Spatial Changes of Ship-Contributed PM2.5 Due to the Inter-Annual Meteorological Variation in Yangtze River Delta, China. 2021 , 12, 722	4
402	Impacts of the seesaw mode between the Indian and East Asian summer monsoons on interannual variations in surface solar radiation across the low-latitude highlands of China.	0
401	Regional perspectives in Eurasian snow - Indian monsoon relationship: An observational study. 2021 , 30, 100718	

400	Variability of the low-level circulation of the South American Monsoon analysed with complex networks. 1	Ο
399	Seasonal climate influences on the timing of the Australian monsoon onset. 2021 , 2, 489-506	3
398	Holocene lake-level fluctuations of Selin Co on the central Tibetan plateau: Regulated by monsoonal precipitation or meltwater?. 2021 , 261, 106919	15
397	Analysing the impacts of climate variability on the yield of Kharif rice over Punjab, Pakistan. 2021 , 45, 329	2
396	Influence of the Boreal Summer Intra-Seasonal Oscillation on rainfall in the Blue Nile Basin. 2021 , 57, 3433	0
395	Seasonal prediction of Indian summer monsoon onset with echo state networks. 2021 , 16, 074024	2
394	The Role of Vorticity Tilting in Northward-Propagating Monsoon Intraseasonal Oscillation. 2021 , 48, e2021GL093304	3
393	Intraseasonal variation of rainfall characteristics and latent heating profiles during southwest and northeast monsoon seasons over the Arabian Sea and Bay of Bengal. 1	0
392	Impact of Stochastic Entrainment in the NCAR CAM Deep Convection Parameterization on the Simulation of South Asian Summer Monsoon. 1	1
391	Contrasting ecosystem responses to climatic events and human activity revealed by a sedimentary record from Lake Yilong, southwestern China. 2021 , 783, 146922	1
390	Mid-Holocene monsoons in South and Southeast Asia: dynamically downscaled simulations and the influence of the Green Sahara. 2021 , 17, 1645-1664	0
389	Editorial: The Asian Monsoon. 2021 , 9,	O
388	Long-Term Trends and Impact of SARS-CoV-2 COVID-19 Lockdown on the Primary Productivity of the North Indian Ocean. 2021 , 8,	2
387	Precipitation Distribution of the Extended Global SpringâAutumn Monsoon and Its Possible Formation Mechanism. 2021 , 20, 1027-1036	
386	Meridional displacement of the Asian jet and its impact on Indian summer monsoon rainfall in observations and CFSv2 hindcast. 1	3
385	Predicting climate anomalies: A real challenge. 2021 , 15, 100115	3
384	Changes in extreme events over Asia for present and future climate conditions based on a modelling analysis of atmospheric circulation anomalies. 2021 , 146, 689-711	
383	Speculation for quantifying increased C4 plants under future climate conditions: Inner Mongolia, China case study. 2021 , 592, 97-110	

382	Partitioning Solid and Liquid Precipitation over the Tibetan Plateau Based on Satellite Radar Observations. 2021 ,	1
381	Tracing the origin of the South Asian summer monsoon precipitation and its variability using a novel Lagrangian framework. 2021 , 1-40	O
380	Heat wave characteristics over India during ENSO events. 2021 , 130, 1	3
379	Impact of horizontal resolution on monsoon precipitation for CORDEX-South Asia: A regional earth system model assessment. 2021 , 259, 105681	10
378	Migration of the Northern Boundary of the East Asian Summer Monsoon Over the Last 21,000´years. 2021 , 126, e2021JD035078	1
377	Strengthened Impacts of November Snow Cover Over Siberia on the Out-of-phase Change in the Siberian High Between December and January Since 2000 and Implication for Intraseasonal Climate Prediction. 2021 , 9,	1
376	Tropical Western Pacific Hydrology During the Last 6,000 Years Based on Wildfire Charcoal Records From Borneo. 2021 , 48, e2021GL093832	2
375	Climate Precursors of Satellite Water Marker Index for Spring Cholera Outbreak in Northern Bay of Bengal Coastal Regions. 2021 , 18,	
374	Southern African monsoon: intraseasonal variability and monsoon indices. 1	О
373	Changes in Convective Activity Over the Indian Ocean and Neighbourhood in Relation to Onset, Withdrawal and Break Features of Monsoon. 2021 , 178, 3703	
372	Long-term simulation of daily rainfall across India: Performance of cumulus convection schemes in regional climate model during southwest and northeast monsoon. 2021 , 259, 105675	
371	Spatio-temporal rainfall trends in the Ganga River basin over the last century: understanding feedback and hydrological impacts.	1
370	A 479-Year Early Summer Temperature Reconstruction Based on Tree-Ring in the Southeastern Tibetan Plateau, China. 2021 , 12, 1251	1
369	Spatial variability of south Asian summer monsoon extreme rainfall events and their association with global climate indices. 2021 , 221, 105708	1
368	Evaluation of spatiotemporal dynamics of water storage changes at block level for sustainable water management in Howrah District of West Bengal. 1	3
367	Assessment of Snowmaking Conditions Based on Meteorological Reconstruction in the Beijingal hangjiakou Mountain Area of North China in 1978a 2017. 2021 , 60, 1189-1205	Ο
366	Multiscale interactions between monsoon intra-seasonal oscillations and low pressure systems that produce heavy rainfall events of different spatial extents. 2021 , 1-36	
365	Warming-Induced Northwestward Migration of the Asian Summer Monsoon in the Geological Past: Evidence From Climate Simulations and Geological Reconstructions. 2021 , 126, e2021JD035190	2

364	Magnitude, Scale, and Dynamics of the 2020 Mei-yu Rains and Floods over China. 2021, 38, 2082	4
363	East Asian Summer Monsoon Rainfall Anomalies in 2020 and the Role of Northwest Pacific Anticyclone on the Intraseasonal-to-Interannual Timescales. 2021 , 126, e2021JD034607	2
362	Indian summer monsoon variability over North-East India: Impact of ENSO and IOD. 2021 , 221, 105705	1
361	Impact of Indian Summer Monsoon Change on Ancient Indian Civilizations During the Holocene. 2021 , 9,	O
360	Decoding the Karakoram Anomaly. 2021 , 788, 147864	2
359	Mesoscale Convective Systems Dominate the Energetics of the South Asian Summer Monsoon Onset. 2021 , 48, e2021GL094873	1
358	Intriguing aspects of rainfall initiation over rainshadow region during boreal summer monsoon. 2021 , 261, 105746	0
357	Geochemistry and mineralogy of the sediments in the New Britain shelf-trench continuum, offshore Papua New Guinea: Insights into sediment provenance and burial in hadal trenches. 2021 , 177, 103621	1
356	Miocene East Asia summer monsoon precipitation variability and its possible driving forces. 2021 , 581, 110609	1
355	Tectonic and climatic controls on the Plio-Pleistocene evolution of sediment discharge from Papua New Guinea. 2021 , 441, 106627	1
354	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. 2021 , 262, 107571	3
353	Water quality and health risk assessment of the water bodies in the Yamdrok-tso basin, southern Tibetan Plateau. 2021 , 300, 113740	0
352	Cloud radar observations of multi-scale variability of cloud vertical structure associated with Indian summer monsoon over a tropical location. 2021 , 56, 1055-1081	4
351	The decaying phase of El Ni ô and Indian summer monsoon rainfall. 2021 , 91-104	
350	Modulation of monsoon intraseasonal oscillations in the recent warming period. 2014 , 119, 5185-5203	28
349	Impacts of Present and Future Climate Variability and Change on Agriculture and Forestry in the Arid and Semi-Arid Tropics. 2005 , 31-72	24
348	INTERACTIONS AND FEEDBACKS BETWEEN CLIMATE AND DRYLAND VEGETATIONS. 2006, 85-105	4
347	Mount Logan Ice Core Evidence for Changes in the Hadley and Walker Circulations Following the end of the Little Ice Age. 2004 , 371-395	5

(2011-2004)

346	Year-To-Year Variability in the Hadley and Walker Circulations from NCEP/NCAR Reanalysis Data. 2004 , 153-171	6
345	Evolution and Development of the Indian Monsoon. 2020 , 499-535	5
344	Critical Evaluation and Assessment of Average Annual Precipitation in The Indus, The Ganges and The Brahmaputra Basins, Northern India. 2015 , 67-84	3
343	Climate of China and East Asian Monsoon. 2008 , 1-48	1
342	Interannual Variability of Summer Climate of China in Association with ENSO and the Indian Ocean Dipole. 2008 , 119-154	4
341	Modeling intraseasonal variability. 2012 , 399-431	2
340	South Asian monsoon. 2012 , 21-72	20
339	Australasian monsoon. 2012 , 147-197	5
338	Impact of Drought and Flood on Indian Food Grain Production. 2011 , 421-433	6
337	Global Change and Biogeochemical Cycles: the South Asia Region. 2002 , 75-107	2
336	The Stationarity of Lead-Lag Teleconnections with East Africa Rainfall and its Incidence on Seasonal Predictability. 2001 , 291-307	4
335	Encyclopedia of Modern Coral Reefs. 2011 , 777-785	1
334	Climate in Asia and the Pacific: Climate Variability and Change. 2014 , 17-57	7
333	Chinese Loess and the East Asian Monsoon. 2014 , 23-143	5
332	Precipitation Changes in India. 2020 , 47-72	11
331	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. 2014 , 42, 83	1
330	Investigating Indian summer monsoon in coupled regional landâlltmosphere downscaling experiments using RegCM4. 2020 , 54, 2959-2980	8
329	Enhanced spring convective barrier for monsoons in a warmer world?. 2011 , 104, 403	1

328	MONSOONS Overview. 2003 , 1365-1370	6
327	MONSOON Prediction. 2003 , 1391-1400	3
326	Interacting Climates of Ocean Basins: Observations, Mechanisms, Predictability, and Impacts. 2020,	1
325	Indian Ocean Variability and Interactions. 2020 , 153-185	1
324	Networks in Climate. 2019 ,	24
323	Precursor Effect of the Tibetan Plateau Heating Anomaly on the Seasonal March of the East Asian Summer Monsoon Precipitation. 2020 , 125, e2020JD032948	7
322	Interdecadal changes in the zonal wind and the intensity of intraseasonal oscillations during boreal summer Asian monsoon.	18
321	âllhe Most Horrible of EvilsâllSocial Responses to Drought and Famine in the Bombay Presidency, 1782âll857. 2016 , 79-104	3
320	Teleconnection patterns of precipitation in the Three-River Headwaters region, China. 2020 , 15, 104050	10
319	Effects of the South Asian summer monsoon anomaly on interannual variations in precipitation over the South-Central Tibetan Plateau. 2020 , 15, 124067	7
318	The spatio-temporal structures and role of low- and high-frequency intraseasonal modes in Indian Summer monsoon rainfall observed in TRMM data. 2016 ,	1
317	Paleoclimate. Hydrological changes in Africa. 2001 , 292, 2259-60	34
316	Tropical Axisymmetric Mode of Variability in the Atmospheric Circulation: Dynamics as a Neutral Mode*. 2002 , 15, 1537-1554	3
315	Sensitivity of a Coupled Single-Column Model in the Tropics to Treatment of the Interfacial Parameterizations. 2002 , 15, 1805-1831	24
314	Local and Nonlocal Impacts of Soil Moisture Initialization on AGCM Seasonal Forecasts: A Model Sensitivity Study. 2003 , 16, 2117-2137	37
313	Seasonality in SST-Forced Atmospheric Short-Term Climate Predictability. 2004 , 17, 3090-3108	19
312	Diagnostic Metrics for Evaluating Model Simulations of the East Asian Monsoon. 2020 , 33, 1777-1801	8
311	Near-Global Atmospheric Responses to Observed Springtime Tibetan Plateau Snow Anomalies. 2020 , 33, 1691-1706	7

(2007-2020)

310	Development, Amplification, and Decay of Atlantic/European Summer Weather Patterns Linked to Spring North Atlantic Sea Surface Temperatures. 2020 , 33, 5939-5951	5
309	The South Asian Monsoon Circulation in Moist Isentropic Coordinates. 2020 , 33, 5253-5270	2
308	Potential Predictability of the Silk Road Pattern and the Role of SST as Inferred from Seasonal Hindcast Experiments of a Coupled Climate Model. 2020 , 33, 9567-9580	3
307	Climatic Change - Implications for Indiaâ Water Resources. 2005 , 155-196	3
306	Indian Summer Monsoon Rainfall: Implications of Contrasting Trends in the Spatial Variability of Means and Extremes. 2016 , 11, e0158670	70
305		7
304	Expedition 353 summary.	10
303	Interannual Atmosphere-Ocean Variations in the Tropical Western North Pacific Relevant to the Asian Summer Monsoon-ENSO Coupling 2001 , 79, 883-898	35
302	Processes that Determine the Quasi-Biennial and Lower-Frequency Variability of the South Asian Monsoon 2002 , 80, 1149-1163	29
301	Equatorially Symmetric Impact of the El Nino-Southern Oscillation on the South Asian Summer Monsoon System. 2003 , 81, 1329-1352	25
300	Monsoon Variability in the Himalayas under the Condition of Global Waming. 2003, 81, 251-257	32
299	The Indian Summer Monsoon and its Sensitivity to the Mean SSTs: Simulations with the ECHAM4 AGCM at T106 Horizontal Resolution 2003 , 81, 57-83	10
298	The Seasonal-scale Persistence of Tropical Tropospheric Temperature Associated with the El Nino/Southern Oscillation. 2003 , 81, 581-598	3
297	Remote and Local SST Forcing in Shaping Asian-Australian Monsoon Anomalies. 2005 , 83, 153-167	22
296	The Rainfall Phenomena during the Pre-monsoon Period over the Indochina Peninsula in the GAME-IOP Year, 1998. 2005 , 83, 89-106	26
295	Seasonal Heating Processes over the Indochina Peninsula and the Bay of Bengal Prior to the Monsoon Onset in 1998. 2006 , 84, 375-387	7
294	Ensemble Simulation of Indian Summer Monsoon Rainfall by an Atmospheric General Circulation Model. 2007 , 85, 213-231	4
293	Features of the Indian Summer Monsoon 2004-Observed and Model Forecasts. 2007 , 85A, 325-336	2

292	A Numerical Study of the Hydrometeorological Dryline in Northwest India During the Monsoon. 2007 , 85A, 337-361	12
291	Role of Land-Atmosphere Interaction on Asian Monsoon Climate. 2007 , 85B, 55-75	33
290	Annual regional precipitation variations from a 700′year tree-ring record in south Tibet, western China. 2012 , 53, 25-41	13
289	Seasonal forecasting of tropical cyclone activity in the coastal region of Vietnam using RegCM4.2. 2015 , 62, 115-129	12
288	Projection of future monsoon precipitation over the central Himalayas by CMIP5 models under warming scenarios. 2018 , 75, 1-21	15
287	The Monsoon over the Barents Sea and Kara Sea. 2020 , 10, 339-356	4
286	Role of Turbulent Heat Fluxes over Land in the Monsoon over East Asia. 2011 , 02, 420-431	20
285	Understanding the Role of Monsoon Depressions on Intraseasonal Oscillations over Indian Sub-Continent. 2018 , 09, 236-253	O
284	Atmospheric Brown Clouds in the Himalayas: first two years of continuous observations at the Nepal-Climate Observatory at Pyramid (5079 m).	18
283	Atmospheric pollutant outflow from southern Asia: a review.	6
282	An important mechanism sustaining the atmospheric "water tower" over the Tibetan Plateau.	4
281	Impacts of the East Asian summer monsoon on interannual variations of summertime surface-layer ozone concentrations over China.	2
280	The vertical structure of cloud radiative heating over the Indian subcontinent during summer monsoon.	1
279	A daytime climatological distribution of high opaque ice cloud classes over the Indian summer monsoon region observed from 25-year AVHRR data.	3
278	Comparison of East Asian winter monsoon indices. 10, 31-37	16
277	Forward modeling analysis of regional scale tree-ring patterns around the northeastern Tibetan Plateau, Northwest China.	14
276	Phytoplankton blooms induced/sustained by cyclonic eddies during the Indian Ocean Dipole event of 1997 along the southern coasts of Java and Sumatra.	3
275	The influence of land cover change in the Asian monsoon region on present-day and mid-Holocene climate.	2

274	On the low-frequency component of the ENSOâlhdian monsoon relationship: a paired proxy perspective. 2014 , 10, 733-744	10
273	The evolution of sub-monsoon systems in the Afro-Asian monsoon region during the Holoceneâl comparison of different transient climate model simulations. 2015 , 11, 305-326	19
272	Dynamics of primary productivity in the northeastern Bay of Bengal over the last 26 000 years. 2020 , 16, 1969-1986	5
271	The Global Monsoon across Time Scales: is there coherent variability of regional monsoons?.	7
270	The evolution of sub-monsoon systems in the Afro-Asian monsoon region during the Holocene âll comparison of different transient climate model simulations.	4
269	Millennial Minimum Temperature Variations in the Qilian Mountains, China: evidence from Tree rings.	4
268	Contribution of oceanic and vegetation feedbacks to Holocene climate change in Central and Eastern Asia.	2
267	A critical humidity threshold for monsoon transitions.	6
266	Monsoonal response to mid-holocene orbital forcing in a high resolution GCM.	1
265	East Asian monsoon climate simulated in the PlioMIP.	2
264	On the low frequency component of the ENSO-Indian Monsoon relationship; a paired proxy perspective.	2
263	Simulation of the Indian monsoon and its variability during the last millennium.	4
262	The synergistic impact of ENSO and IOD on Indian summer monsoon rainfall in observations and climate simulations âlan information theory perspective. 2020 , 11, 903-923	3
261	The impact of land cover generated by a dynamic vegetation model on climate over east Asia in present and possible future climate. 2015 , 6, 147-160	4
260	Hydrological cycle over south and southeast Asian river basins as simulated by PCMDI/CMIP3 experiments.	5
259	El Ni ô -Southern Oscillation and water resources in Headwaters Region of the Yellow River: links and potential for forecasting.	2
258	Insights from a joint analysis of Indian and Chinese monsoon rainfall data.	3
257	The footprint of Asian monsoon dynamics in the mass and energy balance of a Tibetan glacier.	6

256	Influence of regional precipitation patterns on stable isotopes in ice cores from the central Himalayas.	1
255	Seasonal and annual mass balances of Mera and Pokalde glaciers (Nepal Himalaya) since 2007.	5
254	The effect of seasonally and spatially varying chlorophyll on Bay of Bengal surface ocean properties and the South Asian monsoon. 2020 , 1, 635-655	1
253	Remote Effects of IOD and ENSO on Motivating the Atmospheric Pattern Favorable for Snowfall Over the Tibetan Plateau in Early Winter. 2021 , 3,	O
252	Properties of Mesoscale Convective Systems Throughout Their Lifetimes Using IMERG, GPM, WWLLN, and a Simplified Tracking Algorithm. 2021 , 126, e2021JD035264	1
251	Color Reflectance of Coastal Sediments in the South Bohai Sea and its Implication to Orbital Forcing of East Asian Summer Monsoon. 2021 , 9,	O
250	Variability in air-pollutants, aerosols, and associated meteorology over peninsular India and neighboring ocean regions during COVID-19 lockdown to unlock phases. 2021 , 12, 101231	О
249	Environmental Change Affecting the Rice Production in Thailand and in Monsoon Asia. 2000 , 73, 178-190	
248	MONSOON ENSOâMonsoon Interactions. 2003 , 1386-1391	1
247	TROPICAL METEOROLOGY Tropical Climates. 2003, 2338-2345	
247 246	TROPICAL METEOROLOGY Tropical Climates. 2003, 2338-2345 Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005, 1543-1555	
246	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005 , 1543-1555	
246 245	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005, 1543-1555 Multi-Scale Interactions and Predictability of the Indian Summer Monsoon. 2005, 311-340 Numerical Simulation of the Asian Monsoon for the Mid-Holocene Using a Numerical Model. 2005,	2
246 245 244	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005, 1543-1555 Multi-Scale Interactions and Predictability of the Indian Summer Monsoon. 2005, 311-340 Numerical Simulation of the Asian Monsoon for the Mid-Holocene Using a Numerical Model. 2005, 27, 289-297 The Interdecadal Variation of Relationship between Indian Ocean Sea Surface Temperature and	2
246 245 244 243	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005, 1543-1555 Multi-Scale Interactions and Predictability of the Indian Summer Monsoon. 2005, 311-340 Numerical Simulation of the Asian Monsoon for the Mid-Holocene Using a Numerical Model. 2005, 27, 289-297 The Interdecadal Variation of Relationship between Indian Ocean Sea Surface Temperature and East Asian Summer Monsoon. 2008, 29, 45-59 Propagating Coupled Modes between the Tropical Indo-Pacific Ocean Heat Content and SST	
246 245 244 243	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. 2005, 1543-1555 Multi-Scale Interactions and Predictability of the Indian Summer Monsoon. 2005, 311-340 Numerical Simulation of the Asian Monsoon for the Mid-Holocene Using a Numerical Model. 2005, 27, 289-297 The Interdecadal Variation of Relationship between Indian Ocean Sea Surface Temperature and East Asian Summer Monsoon. 2008, 29, 45-59 Propagating Coupled Modes between the Tropical Indo-Pacific Ocean Heat Content and SST Anomalies in the Interannual Timescale. 2009, 87, 307-333 Numerical Simulation of the Genesis of Cyclone Nargis Using a Global Cloud-System Resolving	

(2021-2012)

238	Managing Land and Water under Changing Climatic Conditions in India: A Critical Perspective. 2012 , 03, 1054-1062	1
237	Encyclopedia of Sustainability Science and Technology. 2012 , 12062-12079	
236	Cyclone trends constrain monsoon variability during Late Oligocene sea level highstands (Kachchh Basin, NW India).	1
235	A General Circulation Model en Route to Intraseasonal Monsoon Chaos. 2013 , 63-99	3
234	COCCOLITH VARIATIONS IN CENTRAL WEST PACIFIC WARM POOL AND THEIR RESPONSE TO ENVIRONMENTAL CHANGE DURING LATE QUATERNARY. 2013 , 32, 115-121	
233	Atmospheric Tracers and the Monsoon System: Lessons Learnt from the 1991 Kuwait Oil Well Fires. 2014 , 371-410	1
232	Asian Summer Monsoon Viewed from Energy Budget 1999 , 49, 75-101	
231		3
230	The impact of land cover generated by a dynamic vegetation model on climate over East Asia in present and possible future climate.	
229	Synchronous Motions Across the Instrumental Climate Record. 2015 , 131-194	
228	Western Disturbances âlındian Winter Monsoon. 2016 , 83-111	
227	Modified Multivisceral Transplant After Acute Abdominal Trauma. 2016 , 14, 235-7	
226	Global Monsoon. 2017 , 153-213	
225	Severe Drought after an Absence of 37 Years: Less Precipitation on Chichi-jima in the Ogasawara (Bonin) Islands from 2016 to 2017. 2018 , 127, 1-19	3
224	An Overview of the El Ni ô , La Ni â , and the Southern Oscillation Phenomena: Theory, Observations, and Modeling Links. 2019 , 1-18	
223	Evolution of the Indian summer monsoon rainfall simulations from CMIP3 to CMIP6 models. 1	7
222	Association between Antarctic Sea ice, Pacific SST and the Indian summer monsoon: An observational study. 2021 , 30, 100746	0
221	Climate change in the High Mountain Asia in CMIP6. 2021 , 12, 1061-1098	5

220	Rapid Northwestward Extension of the East Asian Summer Monsoon Since the Last Deglaciation: Evidence From the Mollusk Record. 2021 , 9,	O
219	Eustatic, Climatic, and Oceanographic Influences on Geomorphology and Architecture of Isolated Carbonate Platforms: Miocene, Northwest Shelf, Australia. 2020 , 2020,	2
218	Annual Cycle of East Asian Precipitation Simulated by CMIP6 Models. 2021 , 12, 24	2
217	Formation and dissipation dynamics of the Asian tropopause aerosol layer. 2021 , 16, 014015	3
216	Regional Characteristics of Cloud Radiative Effects before and after the South China Sea Summer Monsoon Onset. 2020 , 34, 1167-1182	1
215	Late quaternary environmental history of Indonesia. 2022 , 347-369	
214	Endophytic Phytobiomes as Defense Elicitors: Current Insights and Future Prospects. 2020 , 299-334	
213	Statistical Analysis of Climate Extremes. 2020 ,	3
212	The influence of interannual and decadal Indo-Pacific sea surface temperature variability on Australian monsoon rainfall. 2021 , 1-58	1
211	Simulation of Indian summer monsoon rainfall, interannual variability and teleconnections: evaluation of CMIP6 models. 1	4
210	The Oceanic Barrier Layer in the Eastern Indian Ocean as a Predictor for Rainfall Over Indonesia and Australia. 2021 , 48, e2021GL094519	1
209	The Preferred Structure of the Interannual Indian Monsoon Variability. 2007 , 1717-1732	1
208	Variability of Convective Activity over the North Indian Ocean and its Associations with Monsoon Rainfall over India. 2007 , 1527-1545	
207	Literatur. 2008 , 233-252	
206	The Interdecadal Change of Relationship Between Summer Water Vapor Content Over Tibetan Plateau and Spring Sea Surface Temperature in Indian Ocean. 8,	1
205	Impact of Climate Change Over Southeast Asia and Its Adjacent Regions on Global Climate. 2021 , 303-356	
204	Subseasonal to Seasonal Prediction of Atmospheric Circulation and Rainfall Over Southeast Asia.	
	2021 , 357-420	

202	Variability of the Oceans. 2020 , 1-53	Ο
201	Teleconnections in the Atmosphere. 2020 , 54-88	1
200	AtmosphereâDcean Interactions. 2020 , 89-119	О
199	Interacting Interannual Variability of the Pacific and Atlantic Oceans. 2020 , 120-152	1
198	The Arctic Mediterranean. 2020 , 186-215	О
197	Combined Oceanic Influences on Continental Climates. 2020 , 216-257	1
196	Basin Interactions and Predictability. 2020 , 258-292	3
195	Climate Change and Impacts on Variability and Interactions. 2020 , 293-337	
194	Index. 2020 , 338-342	
193	Precipitation in Earth system models: advances and limitations. 2022 , 637-659	
192	Holocene vegetation and climate change from central India: An updated and a detailed pollen-based review. 2022 , 129-163	2
191	Potential utility of Himalayan tree-ring 1 80 to reveal spatial patterns of past drought variabilityâ l ts assessments and implications. 2022 , 265-293	
190	Holocene vegetation, climate, and culture in Northeast India: a pollen dataâBased review. 2022 , 611-628	
189	Bond events and monsoon variability during HoloceneâEvidence from marine and continental archives. 2022 , 293-339	
188	Influence of climate on multiple tree-ring parameters of Pinus kesiya from Manipur, Northeast India. 2022 , 71, 125906	0
187	On the all-India rainfall index and sub-India rainfall heterogeneity.	
186	Predictable Pattern of Precipitation Over Asian Summer Monsoon Regions. 2021 , 48, e2021GL095824	1
185	Network-based Approach and Climate Change Benefits for Forecasting the Amount of Indian Monsoon Rainfall. 2021 , 1-39	1

184	Impacts of Bias-Corrected ERA5 Initial Snow Depth on Dynamical Downscaling Simulations for the Tibetan Plateau. 2021 , 126,	1
183	Utility and Triggers in Uptake of Agricultural Weather and Climate Information Services in Senegal, West Africa. 2021 , 12, 1515	О
182	Increasing incidence of Arabian Sea cyclones during the monsoon onset phase: Its impact on the robustness and advancement of Indian summer monsoon. 2021 , 105915	1
181	Atmospheric dynamics and internal processes in CFSv2 model during organization and intensification of BSISO. 2021 , 130, 1	1
180	BrGDGTs-based temperature and hydrological reconstruction from fluvio-lacustrine sediments in the monsoonal North China Plain since 31 kyr BP. 2021 , 277, 107268	0
179	Application of Z-numbers to teleconnection modeling between monthly precipitation and large scale sea surface temperature.	3
178	Skill of the extended range prediction (NERP) for Indian summer monsoon rainfall with NCMRWF global coupled modelling system.	0
177	One million years of seasonal seesaw in East Asian monsoon winds. 2021 , 274, 107277	O
176	Millennial-scale variability of Indian summer monsoon constrained by the western Bay of Bengal sediments: Implication from geochemical proxies of sea surface salinity and river runoff. 2022 , 208, 103719	0
175	Assessing the Representation of Intraseasonal Oscillation-Related Ocean Forcing in the Tropics in Atmospheric Reanalyses. 2022 ,	
174	Assessing impact of dry spells on the principal rainfed crops in major dryland regions of India. 2022 , 313, 108768	2
173	Why the droughts of the Indian summer monsoon are more severe than the floods. 1	O
172	The Effect Of An Equatorial Continent On The Tropical Rain Belt. Part 2: Summer Monsoons. 2022 , 1-52	
171	Relationship between the Indo-western Pacific Ocean capacitor mode and Indian summer monsoon rainfall in CMIP6 models. 1	1
170	Will population exposure to heat extremes intensify over Southeast Asia în a warmer world?.	0
169	Regional Characteristics of Precipitation in the Nanpan River Basin, China. 2022 , 9,	O
168	Demonstrating the potential of regional ocean model system in simulating the upper ocean characteristic over the Arabian Sea: impact of horizontal resolution. 2022 , 148, 427	
167	Subseasonal Variation of 2020 Meiyu Rainfall With Extremely Long Duration Over the Yangtzeâ⊞uaihe River Basin in China. 2022 , 9,	

166	Distinct impacts of vapor transport from the tropical oceans on the regional glacier retreat over the Qinghai-Tibet Plateau 2022 , 823, 153545	2
165	Regional precipitation variations during Heinrich events and Dansgaard-Oeschger cycles in the northern margin of the East Asian summer monsoon region. 2022 , 278, 107380	Ο
164	Abrupt hydroclimatic changes in southern China during the transition from the Little Ice Age to Current Warm Period. 2022 , 590, 110859	О
163	Luminescence chronology of Late Quaternary palaeo-lake deposits from the Upper Alaknanda Basin, Uttarakhand, India: Implication to palaeoclimate and depositional settings. 2022 , 227, 105079	1
162	??????????????????. 2022,	
161	Observed southwest monsoon rainfall changes in Sri Lanka and possible mechanisms. 1	2
160	From desert to monsoon: irreversible climatic transition at ~ 36 Ma in southeastern Tibetan Plateau. 2022 , 9,	3
159	Revisiting the linear instability view of the South Asian monsoon onset. 1	
158	New insight into pattern divergence of the Indian summer monsoon during the Holocene. 095968362210807	Ο
157	Bias correction method of high-resolution satellite-based precipitation product for Peninsular Malaysia. 1	2
156	Tracing the convective sources of air at tropical tropopause during the active and break phases of Indian summer monsoon.	
155	Local Insolation Drives Afro-Asian Monsoon at Orbital-Scale in Holocene. 2022 , 49,	1
154	The Interannual variability of rainfall over homogeneous regions of Indian summer monsoon. 1	1
153	The role of climate change in food security; empirical evidence over Punjab regions, Pakistan 2022, 1	1
152	Inter- and Intra-Annual Glacier Elevation Change in High Mountain Asia Region Based on ICESat-1&2 Data Using Elevation-Aspect Bin Analysis Method. 2022 , 14, 1630	1
151	Past, Present and Future Perspectives of Seasonal Prediction of Indian Summer Monsoon Rainfall: A Review. 1	О
150	Paleoclimatic and paleoceanographic records from the Bay of Bengal sediments during the last 30 ka. 2022 , 229, 105169	2
149	Synchronous millennial surface-stratified events with AMOC and tropical dynamic changes in the northeastern Indian Ocean over the past 42 ka. 2022 , 284, 107495	О

148	Carbon-offset potential from tropical seagrass conservation in selected areas of Indonesia 2022 , 178, 113605	0
147	A new stalagmite oxygen isotope record over the last 1350 years: Insights into spatial variation in Asian summer monsoon and temperature forcing. 2022 , 284, 107499	
146	Applicability of the Long Chain Diol Index (LDI) as a Sea Surface Temperature Proxy in the Arabian Sea. 2021 , 36,	1
145	Intraseasonal variability of global land monsoon precipitation and its recent trend. 2022, 5,	5
144	A New Emergent Constraint Corrected Projections of Indian Summer Monsoon Rainfall. 2022, 49,	0
143	Strong coupling of the East Asian summer monsoon and hydroclimate footprints during 53â47 ka. 2022 , 111003	
142	Seasonal-to-interannual variability. 418-431	
141	Data_Sheet_1.doc. 2020 ,	
140	Power spectrum analysis of pre-monsoon season rainfall over Andhra Pradesh and Telangana. 2022 ,	
139	Multi-scale climate variations and mechanisms of the onset and withdrawal of the South China Sea summer monsoon. 2022 , 65, 1030-1046	O
138	Diurnal variability of lower and middle atmospheric water vapour over the Asian summer monsoon region: first results from COSMIC-1 and TIMED-SABER measurements. 1	
137	Pollen characters and their evolutionary and taxonomic significance: Using light and confocal laser scanning microscope to study diverse plant pollen taxa from central India.	O
136	Distinct impacts of two types of South Asian high on the connection of the summer rainfall over India and North China.	0
135	Validation of NCUM Model Forecasts Against FAAM Aircraft Observations Over Monsoon Trough Region: A Diagnostic Case Study.	
134	Asian rainfall anomaly patterns associated with interannual variations of early and peak summer rainfall over the Indochina Peninsula.	
133	Different Impacts of Intraseasonal Oscillations on Precipitation in Southeast China between Early and Late Summers. 1	О
132	Asian summer monsoon variability, global teleconnections, and dynamics during the last 1,000 years. 2022 , 230, 104041	1
131	Holocene variation in the Indian Summer Monsoon modulated by the tropical Indian Ocean sea-surface temperature mode. 2022 , 215, 106302	O

130	Characterising the interaction of tropical and extratropical air masses controlling East Asian summer monsoon progression using a novel frontal detection approach. 2022 , 3, 575-599	О
129	Teleconnections between large-scale oceanic-atmospheric patterns and interannual surface wind speed variability across China: Regional and seasonal patterns. 2022 , 838, 156023	
128	Distributed Hydrological Model Based on Machine Learning Algorithm: Assessment of Climate Change Impact on Floods. 2022 , 14, 6620	1
127	The Madden-Julian Oscillation. 1-22	1
126	Intra-seasonal oscillations of South Asian summer monsoon in coupled climate model cohort CMIP6.	
125	ENSO and PDO-related interannual and interdecadal variations in the wintertime sea surface temperature in a typical subtropical strait.	O
124	Microphysical Characteristics of Raindrop Size Distribution and Implications for Radar Rainfall Estimation over the Northeastern Tibetan Plateau.	
123	Evaluation of CMIP6 models for simulations of surplus/deficit summer monsoon conditions over India.	1
122	Modeling and Prediction of the SpeciesâlRange of Neurobasis chinensis (Linnaeus, 1758) under Climate Change. 2022 , 11, 868	О
121	Variation in humidity and the forcing mechanism in Asian monsoon-influenced regions indicated by hematite/goethite from Baxian Lake, southern China, since AD 800. 095968362211012	0
120	Modulation of boreal summer intraseasonal oscillation on tropical cyclone genesis over the South China Sea. 2022 , 134,	
119	Oxygen Isotopic Studies of a Species of Pitar (Hyphantosoma) from Quilon Formation, Kerala, Southwest India: Inferences on Seasonality during the Miocene (late Burdigalian). 2022 , 98, 843-850	
118	Northward migration of the East Asian summer monsoon northern boundary during the twenty-first century. 2022 , 12,	1
117	Impact of monsoon teleconnections on regional rainfall and vegetation dynamics in Haryana, India. 2022 , 194,	1
116	A review of orbital-scale monsoon variability and dynamics in East Asia during the Quaternary. 2022 , 288, 107593	0
115	Local oceanâltmosphere interaction in Indian summer monsoon multi-decadal variability.	
114	An analysis of inter-hemispheric transport pathways based on 3-dimensional methane data by GOSAT observations and model simulations.	О
113	Dominant Processes for Dependence of Boreal Summer Intraseasonal Oscillation on El Ni ô Phases. 2022 , 49,	1

112	Anatomy of the Indian summer monsoon and ENSO relationship in a state-of-the-art CGCM: role of the tropical Atlantic Ocean.	
111	Recent Decadal Weakening of the Summertime Rainfall Interannual Variability Over Yellow-Huaihe River Valley Attributable to the Western Pacific Cooling. 10,	O
110	Assessing Groundwater Dynamics and Potentiality in the Lower Ganga Plain, India. 2022, 14, 2180	1
109	Droughts and Mega-Droughts. 1-62	1
108	The Observed Impact of the South Asian Summer Monsoon on Land-Atmosphere Heat Transfers and Its Inhomogeneity over the Tibetan Plateau. 2022 , 14, 3236	0
107	Predictability of South-Asian monsoon rainfall beyond the legacy of Tropical Ocean Global Atmosphere program (TOGA). 2022 , 5,	Ο
106	Impact of the Ensemble Kalman Filter based Coupled Data Assimilation System on Seasonal Prediction of Indian Summer Monsoon Rainfall.	0
105	Australianâ l hdonesian monsoon rainfall responses to the northern hemisphere climatic changes prior to the Last Glacial Maximum: an early indication. 2022 , 1047, 012031	
104	Isotopic fingerprinting of dual monsoon moisture sources, evapotranspiration process and microclimate manifestation over the tropical rainforest region, western part of the Western Ghats, India. 2022 , 612, 128239	
103	Findlater jet induced summer monsoon memory in the Arabian Sea. 2022 , 12,	
102	ENSO Teleconnection to Interannual Variability in Carbon Monoxide Over the North Atlantic European Region in Spring. 10,	
101	Revisiting the different responses of the following Indian summer monsoon rainfall to the diversity of El Ni ô events. 10,	
100	Role of deep convection in regulating the Indian summer monsoon dynamics: a regional scale modelling study. 2022 , 134,	0
99	Weakening of Indian Summer Monsoon Synoptic Activity in Response to Polar Sea Ice Melt Induced by Albedo Reduction in a Climate Model.	
98	Observed features of monsoon low-level jet and its relationship with rainfall activity over a high-altitude site in Western Ghats, India.	
97	Millennial-scale hydroclimate changes in Indian monsoon realm during the last deglaciation. 2022 , 292, 107702	Ο
96	Robustness of BSISO and air-sea interactions in the CMIP (Phase-6) models over the North Indian Ocean. 2022 , 99, 101316	0
95	Orbital-scale hydroclimate variations in the southern Tibetan Plateau over the past 414,000 years. 2022 , 291, 107658	Ο

94	Climatological characteristics of the East Asian summer monsoon retreat based on observational analysis.	О
93	Increased aerosol scattering drives recent monsoon rainfall decrease over northern India.	O
92	The Chlorophyll-a Modelling over the Andaman Sea using Bi-Directional LSTM Neural Network. 2022 ,	О
91	Monsoon in history and present. 2022 , 71, 45-74	O
90	Heavy Precipitation over the Jing-Jin-Ji Region in Early October: What Controls Its Interannual Variability?. 2022 , 36, 586-600	О
89	Impacts of the Indian Summer Monsoon on the southern boundary water vapor transport and precipitation over the Tibetan Plateau.	O
88	Variability of indian monsoon and its forcing mechanisms since late quaternary. 10,	О
87	Protracted Indian monsoon droughts of the past millennium and their societal impacts. 2022 , 119,	1
86	An assessment of the ENSO-monsoon teleconnection in a warming climate.	0
85	Early Anthropogenic Impacts on the Indian Summer Monsoon Induced by Land-Use and Land-Cover Changes. 2022 , 127,	O
84	Developmental characteristics of rainfall-induced landslides from 1999 to 2016 in Wenzhou City of China. 10,	1
83	Mechanism for high âpotential skillâlbf Indian Summer Monsoon Rainfall Prediction up to two years in advance.	O
82	Statistical analysis of precipitation variations and its forecasting in Southeast Asia using remote sensing images. 10,	О
81	Distinctive rainfall evolutions in East Asia between super and regular El Ni ô events during their decaying summers. 2022 , 1-37	O
80	Comprehensive Effects of Interdecadal Change of Sea-surface Temperature Increase in the Indo-Pacific Ocean on the aWarming-Wettingalbf the Qinghaialibet Plateau.	О
79	Increase in intraseasonal rainfall driven by the Arabian Sea warming in recent decades.	О
78	A strong influence of the mid-Pleistocene transition on the monsoon and associated productivity in the Indian Ocean. 2022 , 295, 107761	О
77	Evaluation of earth observation datasets for LST trends over India and its implication in global warming. 2022 , 72, 101843	2

76	The Implications of Climate Change on Water Resources of Rajasthan. 2022 , 265-278	0
75	Analysis of Precipitation Extremes at the Intra-seasonal Scale Using a Regional Climate Model. 2022 , 177-190	O
74	Sea level extremes and compounding marine heatwaves in coastal Indonesia. 2022, 13,	1
73	Interannual variability of surface air temperature over indochina peninsula during summer monsoon onset.	O
72	Dynamic Downscaling Simulation and Projection of Precipitation Extremes Over China Under a Shared Socioeconomic Pathway Scenario. 2022 , 127,	O
71	Investigating ocean deoxygenation and the oxygen minimum zone in the Central Indo Pacific region based on the hindcast datasets. 2023 , 195,	O
70	Benchmark worst droughts during the summer monsoon in India. 2022 , 380,	1
69	The indian monsoon variability during the last two millennia and links to the tropical equatorial Pacific.	O
68	Increased aerosol scattering drives recent monsoon rainfall decrease over northern India.	0
67	Drivers of Late Miocene Tropical Sea Surface Cooling: A New Perspective From the Equatorial Indian Ocean. 2022 , 37,	O
66	A synthesis of monsoon exploration in the Asian marginal seas. 31, 1-29	0
65	Characteristics of southwest and northeast monsoon over a few locations in India. 2022,	O
64	Distinct effects of Tibetan Plateau growth and global cooling on the eastern and central Asian climates during the Cenozoic. 2022 , 218, 103969	0
63	Dynamic Downscaling the South Asian Summer Monsoon from a Global Reanalysis using a Regional Coupled Ocean-Atmosphere Model.	1
62	How did sediments disperse and accumulate in the oceanic basin, South China Sea. 2023, 147, 105979	1
61	Multiple forcing on Late Miocene East Asian Summer Monsoon Precipitation Variability in NE Tibetan Plateau. 2023 , 221, 106752	O
60	Impact of Southern Oscillation and Indian Ocean Dipole on rainfall variability over India: trends and interlinkages during 1871â2017. 2022 , 134,	0
59	Role of Land Surface Vegetation in the March of Indian Monsoon Onset Isochrones in a Coupled Model.	O

58	Interactions of the Westerlies and Asian Summer Monsoon Since the Last Deglaciation in the Northeastern Qinghai-Tibet Plateau. 2022 , 37,	1
57	Revisiting the East Asian summer monsoon structure: A combined effect of condensational heating and synoptic eddy activities.	O
56	Non-linear intensification of monsoon low-pressure systems by the BSISO. 2022 , 3, 1341-1358	О
55	A predictable prospect of the South Asian summer monsoon. 2022 , 13,	O
54	Variability of thermocline temperature in the Bay of Bengal and its response to solar insolation and Indian monsoon over the last 15 kyr. 2023 , 610, 111361	О
53	Link between the LandâBea Thermal Contrast and the Asian Summer Monsoon. 2023 , 36, 213-225	Ο
52	Current status of aerosol-cloud interactions and their impact over the Northern Indian Ocean: A comprehensive review. 2023 , 283, 106555	0
51	Assessment of extreme seasonal rainfall over India in current seasonal coupled models during the recent period.	0
50	Spatial and temporal evolution characteristics of meteorological drought in the Northwest of Yellow River Basin and its response to large-scale climatic factors.	0
49	Subseasonal Warming of Surface Soil Enhances Precipitation Over the Eastern Tibetan Plateau in Early Summer. 2022 , 127,	0
48	Diversity of Northwest Pacific atmospheric circulation anomalies during post-ENSO summer. 10,	О
47	South Asian summer rainfall from CMIP3 to CMIP6 models: biases and improvements.	0
46	Fidelity of the latest high-resolution CORDEX-CORE regional climate model simulations in the representation of the Indian summer monsoon precipitation characteristics.	1
45	Impacts of El NiôâBouthern Oscillation on tropical precipitation via triggering anomaly water vapour transport from ocean to land.	0
44	Spatio-temporal analysis of rainfall in relation to monsoon teleconnections and agriculture at Regional Scale in Haryana, India.	0
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41	An assessment of the simulation of East-Asia precipitation in the high-resolution community earth system model.	Ο

40	Research on Glacier Elevation Variability in the Qilian Mountains of the Qinghai-Tibet Plateau Based on Topographic Correction by Pyramid Registration. 2023 , 15, 62	0
39	Comprehensive effects of interdecadal change of sea surface temperature increase in the Indo-Pacific Ocean on the warming-wetting of the Qinghaiâ libet Plateau. 2022 , 12,	O
38	Evaluation of five high-resolution global model rainfall forecasts over India during monsoon 2020. 2022 , 131,	O
37	Northward propagation of convection over the Indian region in multiphysics multimodel ensemble.	O
36	Tropospheric features associated with the onset and cessation of the rainy season in Iran.	O
35	Secular Changes of the Decadal Relationship Between the Northern Hemisphere Land Monsoon Rainfall and Sea Surface Temperature Over the Past Millennium in Climate Model Simulations. 2022 , 127,	O
34	Operational Seasonal Forecasting of the Southwest Monsoon Rainfall. 2023, 31-48	O
33	Revisiting the Variations of Precipitation and Water Vapor Budget from Current Reanalysis over the Tibetan Plateau. 2022 ,	O
32	Impacts of the Indian Summer Monsoon on the Southern Boundary Water Vapor Transport and Precipitation over the Tibetan Plateau. 2023 , 14, 20	O
31	Climate Variability and Its Causal Mechanisms Over the Northeastern Indian Himalaya. 2022 , 83-110	O
30	CloudSat inferred contrasting monsoon intra-seasonal variation in the cloud vertical structure over Indian regions.	O
29	Modulation of Indian Summer Monsoon Rainfall response to ENSO in the recent decades and its large-scale dynamics.	O
28	Intensification of affiver in the seaalbalong the western Bay of Bengal Coast during two consecutive La Niâ events of 2020 and 2021 based on SMAP satellite observations. 9,	1
27	Centennial-scale variability of the Indian Summer Monsoon during the middle to late Holocene and its links with ENSO activity. 2023 , 612, 111380	O
26	Changing Convection in Central Asia during the Seasonal Transitional Period and Region to Its West before and after 1999: Role of Upper Vertical Thermal Contrast. 2023 , 14, 59	O
25	El Nino/La Nina and IOD impact on Kharif season crops over western agro-climatic zones of India.	O
24	Variability and long-term change in Australian monsoon rainfall: A review.	О
23	Disappearance of Mountain Glaciers in East Asian Monsoon Region since Onset of the Last Glacial Period. 2023 , 13, 1678	O

22	Middle Pleistocene re-organization of Australian Monsoon. 2023, 14,	O
21	High-resolution records of sea surface temperature and salinity in the East China Sea over the past 14.2 kyr: Implication from alkenone and its hydrogen isotopes. 2023 , 224, 104099	O
20	Orographic Effect and the Opposite Trend of Rainfall in Central Vietnam. 2023, 2023, 1-12	О
19	Uâ P b ages of tuff from the Triassic Yanchang Formation in the Ordos Basin: Constraints on palaeoclimate and tectonics. 2023 , 150, 106128	О
18	Intraseasonal mode of East Asian trough anomalies in boreal winter and specific possible mechanisms.	O
17	Are the interglacial epochs analogue of the Asian-African monsoon response to global warming?.	O
16	Long-term change of summer mean and extreme precipitations in Korea and East Asia.	О
15	Experimental investigation on a compact fresh air humidification/dehumidification system based on desiccant coated heat pump. 2023 ,	O
14	Impact of the uplift of the Central Asian Orogenic Belt and NE Tibetan Plateau on the East Asian climate since the late Miocene. 2023 , 615, 111451	0
13	Global footprints of dansgaard-oeschger oscillations in a GCM. 2023 , 305, 108016	O
12	Deciphering the relationship between vegetation and Indian summer monsoon rainfall. 2023, 18, 044023	O
11	Dynamical Predictability of Leading Interannual Variability Modes of the Asian-Australian Monsoon in Climate Models.	O
10	Signals of northward propagating monsoon intraseasonal oscillations (MISOs) in the RegCM4.7 CORDEX-CORE simulation over South Asia domain.	O
9	Spatial Variability and Moisture Tracks of Indian Monsoon Rainfall and Extremes.	O
8	Abrupt Change of the Generalized Complementary Relationship of Evaporation Over Irrigated Double Cropping North China Plain With East Asian Monsoon. 2023 , 59,	O
7	Soil moisture associated with freezeâthaw process modulated growing-season temperature rise in the Tibetan Plateau.	O
6	Quantifying the role of antecedent Southwestern Indian Ocean capacitance on the summer monsoon rainfall variability over homogeneous regions of India. 2023 , 13,	O
5	Intraseasonal variability of subsurface ocean temperature anomalies in the Indian Ocean during the summer monsoon season. 2023 , 73, 165-179	O

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Dust forced changes in the precipitation distribution over Indian homogeneous regions.

Late Holocene hydrological variations recorded by sediments from Lake Gongka in the Hengduan Mountains and their linkage with the Indian summer monsoon. 2023, 35, 1126-1138