Dimitris G Kaskaoutis

List of Publications by Year
in descending order

151 papers	7,123 citations	47006 47 h-index	85541 71 g-index
158 all docs	158 docs citations	158 times ranked	4199 citing authors

#	Article	IF	Citations
1	Mineralogical, geochemical, and textural characteristics of soil and airborne samples during dust storms in Khuzestan, southwest Iran. Chemosphere, 2022, 286, 131879.	8.2	24
2	Water vapour characteristics and radiative effects at high-altitude Himalayan sites. Atmospheric Pollution Research, 2022, 13, 101303.	3.8	5
3	Classification of synoptic weather clusters associated with dust accumulation over southeastern areas of the Caspian Sea (Northeast Iran and Karakum desert). Aeolian Research, 2022, 54, 100771.	2.7	14
4	Characteristics and Health Risk Assessment of Mercury Exposure via Indoor and Outdoor Household Dust in Three Iranian Cities. Atmosphere, 2022, 13, 583.	2.3	13
5	A statistical approach for identification of dust-AOD hotspots climatology and clustering of dust regimes over Southwest Asia and the Arabian Sea. Atmospheric Pollution Research, 2022, 13, 101395.	3.8	12
6	Impacts of severe residential wood burning on atmospheric processing, water-soluble organic aerosol and light absorption, in an inland city of Southeastern Europe. Atmospheric Environment, 2022, 280, 119139.	4.1	16
7	Atmospheric dust dynamics over Central Asia: A perspective view from loess deposits. Gondwana Research, 2022, 109, 150-165.	6.0	12
8	Long-term (2012â€“2020) PM10 concentrations and increasing trends in the Sistan Basin: The role of Levar wind and synoptic meteorology. Atmospheric Pollution Research, 2022, 13, 101460.	3.8	6
9	Tracing of Heavy Metals Embedded in Indoor Dust Particles from the Industrial City of Asaluyeh, South of Iran. International Journal of Environmental Research and Public Health, 2022, 19, 7905.	2.6	13
10	Climate Change and Weather Extremes in the Eastern Mediterranean and Middle East. Reviews of Geophysics, 2022, 60, .	23.0	131
11	Human health risk assessment for toxic elements in the extreme ambient dust conditions observed in Sistan, Iran. Chemosphere, 2021, 262, 127835.	8.2	71
12	Identification of key aerosol types and mixing states in the central Indian Himalayas during the GVAX campaign: the role of particle size in aerosol classification. Science of the Total Environment, 2021, 761, 143188.	8.0	16
13	In situ identification of aerosol types in Athens, Greece, based on long-term optical and on online chemical characterization. Atmospheric Environment, 2021, 246, 118070.	4.1	24
14	Silver linings in the dark clouds of COVID-19: Improvement of air quality over India and Delhi metropolitan area from measurements and WRF-CHIMERE model simulations. Atmospheric Pollution Research, 2021, 12, 225-242.	3.8	34
15	Assessment of the COVID-19 Lockdown Effects on Spectral Aerosol Scattering and Absorption Properties in Athens, Greece. Atmosphere, 2021, 12, 231.	2.3	13
16	Using the Boruta algorithm and deep learning models for mapping land susceptibility to atmospheric dust emissions in Iran. Aeolian Research, 2021, 50, 100682.	2.7	37
17	Assessing vegetation restoration potential under different land uses and climatic classes in northeast Iran. Ecological Indicators, 2021, 122, 107325.	6.3	42
18	Numerical simulations of dust storms originated from dried lakes in central and southwest Asia: The case of Aral Sea and Sistan Basin. Aeolian Research, 2021, 50, 100679.	2.7	37

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19	Predicting land susceptibility to atmospheric dust emissions in central Iran by combining integrated data mining and a regional climate model. Atmospheric Pollution Research, 2021, 12, 172-187.	3.8	18
20	Study of Atmospheric Turbidity in a Northern Tropical Region Using Models and Measurements of Global Solar Radiation. Remote Sensing, 2021, 13, 2271.	4.0	3
21	Evaluation of Machine Learning Models for Estimating PM2.5 Concentrations across Malaysia. Applied Sciences (Switzerland), 2021, 11, 7326.	2.5	21
22	Classification of weather clusters over the Middle East associated with high atmospheric dust-AODs in West Iran. Atmospheric Research, 2021, 259, 105682.	4.1	28
23	Integrated modelling for mapping spatial sources of dust in central Asia - An important dust source in the global atmospheric system. Atmospheric Pollution Research, 2021, 12, 101173.	3.8	31
24	Chemical Composition and Source Apportionment of Total Suspended Particulate in the Central Himalayan Region. Atmosphere, 2021, 12, 1228.	2.3	11
25	Aeolian dust dynamics in the Fergana Valley, Central Asia, since ~30Âka inferred from loess deposits. Geoscience Frontiers, 2021, 12, 101180.	8.4	22
26	Climatology of the Sistan Levar wind: Atmospheric dynamics driving its onset, duration and withdrawal. Atmospheric Research, 2021, 260, 105711.	4.1	25
27	Impact of COVID-19 induced lockdown on land surface temperature, aerosol, and urban heat in Europe and North America. Sustainable Cities and Society, 2021, 75, 103336.	10.4	44
28	Effect of aerosol types from various sources at an urban location on spectral curvature of scattering and absorption coefficients. Atmospheric Research, 2021, 264, 105865.	4.1	5
29	Apportionment of black and brown carbon spectral absorption sources in the urban environment of Athens, Greece, during winter. Science of the Total Environment, 2021, 801, 149739.	8.0	28
30	Atmospheric Dynamics and Numerical Simulations of Six Frontal Dust Storms in the Middle East Region. Atmosphere, 2021, 12, 125.	2.3	40
31	Long-Term Variability of Dust Events in Southwestern Iran and Its Relationship with the Drought. Atmosphere, 2021, 12, 1350.	2.3	31
32	Evaluation of Nine Operational Models in Forecasting Different Types of Synoptic Dust Events in the Middle East. Geosciences (Switzerland), 2021, 11, 458.	2.2	14
33	Predicting of dust storm source by combining remote sensing, statistic-based predictive models and game theory in the Sistan watershed, southwestern Asia. Journal of Arid Land, 2021, 13, 1103-1121.	2.3	15
34	Online Chemical Characterization and Sources of Submicron Aerosol in the Major Mediterranean Port City of Piraeus, Greece. Atmosphere, 2021, 12, 1686.	2.3	7
35	Comparison between MRM simulations, CAMS and PVGIS databases with measured solar radiation components at the Methoni station, Greece. Renewable Energy, 2020, 146, 1372-1391.	8.9	42
36	Long-term variability, source apportionment and spectral properties of black carbon at an urban background site in Athens, Greece. Atmospheric Environment, 2020, 222, 117137.	4.1	64

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37	Long-term brown carbon spectral characteristics in a Mediterranean city (Athens). Science of the Total Environment, 2020, 708, 135019.	8.0	55
38	Integrating in situ Measurements and City Scale Modelling to Assess the COVIDâ€“19 Lockdown Effects on Emissions and Air Quality in Athens, Greece. Atmosphere, 2020, 11, 1174.	2.3	45
39	Long term variability of carbonaceous aerosols over Southeast Asia via reanalysis: Association with changes in vegetation cover and biomass burning. Atmospheric Research, 2020, 245, 105064.	4.1	24
40	Long-term (2008â€“2018) aerosol properties and radiative effect at high-altitude sites over western trans-Himalayas. Science of the Total Environment, 2020, 734, 139354.	8.0	13
41	Generation of typical meteorological years for 33 locations in Greece: adaptation to the needs of various applications. Theoretical and Applied Climatology, 2020, 141, 1313-1330.	2.8	16
42	Carbonaceous Aerosols in Contrasting Atmospheric Environments in Greek Cities: Evaluation of the EC-tracer Methods for Secondary Organic Carbon Estimation. Atmosphere, 2020, 11, 161.	2.3	43
43	COVID-19's impact on the atmospheric environment in the Southeast Asia region. Science of the Total Environment, 2020, 736, 139658.	8.0	230
44	Measuring the spatial variability of black carbon in Athens during wintertime. Air Quality, Atmosphere and Health, 2019, 12, 1405-1417.	3.3	34
45	The Role of the Intertropical Discontinuity Region and the Heat Low in Dust Emission and Transport Over the Thar Desert, India: A Premonsoon Case Study. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13197-13219.	3.3	49
46	Editorial for the Special Issue â€œSolar Radiation, Modeling, and Remote Sensingâ€• Remote Sensing, 2019, 11, 1198.	4.0	4
47	Assessment of the dust sources over Central and Southwest Asia with emphasis on the Sistan dust storms. E3S Web of Conferences, 2019, 99, 01002.	0.5	3
48	Atmospheric dust dynamics in southern Central Asia: Implications for buildup of Tajikistan loess sediments. Atmospheric Research, 2019, 229, 74-85.	4.1	46
49	Analysis of intense dust storms over the eastern Mediterranean in March 2018: Impact on radiative forcing and Athens air quality. Atmospheric Environment, 2019, 209, 23-39.	4.1	38
50	Atmospheric Dynamics from Synoptic to Local Scale During an Intense Frontal Dust Storm over the Sistan Basin in Winter 2019. Geosciences (Switzerland), 2019, 9, 453.	2.2	28
51	Atmospheric dynamics associated with exceptionally dusty conditions over the eastern Mediterranean and Greece in March 2018. Atmospheric Research, 2019, 218, 269-284.	4.1	29
52	Effects of Monsoon, Shamal and Levar winds on dust accumulation over the Arabian Sea during summer â€“ The July 2016 case. Aeolian Research, 2019, 36, 27-44.	2.7	72
53	Aerosol and pollutant characteristics in Delhi during a winter research campaign. Environmental Science and Pollution Research, 2019, 26, 3771-3794.	5.3	49
54	Year-long variability of the fossil fuel and wood burning black carbon components at a rural site in southern Delhi outskirts. Atmospheric Research, 2019, 216, 11-25.	4.1	46

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55	Optical Properties of Near-Surface Urban Aerosols and their Chemical Tracing in a Mediterranean City (Athens). Aerosol and Air Quality Research, 2019, 19, 49-70.	2.1	28
56	Statistical evaluation of the dust events at selected stations in Southwest Asia: From the Caspian Sea to the Arabian Sea. Catena, 2018, 165, 590-603.	5.0	51
57	Impact of atmospheric circulation types on southwest Asian dust and Indian summer monsoon rainfall. Atmospheric Research, 2018, 201, 189-205.	4.1	47
58	Satellite data for upscalling urban air pollution in Malaysia. IOP Conference Series: Earth and Environmental Science, 2018, 169, 012036.	0.3	3
59	Assessment of biomass burning and fossil fuel contribution to black carbon concentrations in Delhi during winter. Atmospheric Environment, 2018, 194, 93-109.	4.1	79
60	Long-term variability and trends in the Caspian Sea â€“ Hindu Kush Index: Influence on atmospheric circulation patterns, temperature and rainfall over the Middle East and Southwest Asia. Global and Planetary Change, 2018, 169, 16-33.	3.5	25
61	Aerosol columnar characteristics and their heterogeneous nature over Varanasi, in the central Ganges valley. Environmental Science and Pollution Research, 2018, 25, 24726-24745.	5.3	30
62	The Caspian Seaâ€“Hindu Kush Index (CasHKI): A Climatic Index That Affects Dust Activity Over Southwest Asia. , 2018, , .		0
63	Assessment of dust activity and dust-plume pathways over Jazmurian Basin, southeast Iran. Aeolian Research, 2017, 24, 145-160.	2.7	80
64	Meteorological Radiation Model (MRM v6.1): Improvements in diffuse radiation estimates and a new approach for implementation of cloud products. Renewable and Sustainable Energy Reviews, 2017, 74, 616-637.	16.4	49
65	Trace-element concentrations and water-soluble ions in size-segregated dust-borne and soil samples in Sistan, southeast Iran. Aeolian Research, 2017, 25, 87-105.	2.7	43
66	Estimating Particulate Matter using satellite based aerosol optical depth and meteorological variables in Malaysia. Atmospheric Research, 2017, 193, 142-162.	4.1	68
67	Assessment of changes in atmospheric dynamics and dust activity over southwest Asia using the Caspian Seaâ€“Hindu Kush Index. International Journal of Climatology, 2017, 37, 1013-1034.	3.5	33
68	Assessment of PM2.5 chemical compositions in Delhi: primary vs secondary emissions and contribution to light extinction coefficient and visibility degradation. Journal of Atmospheric Chemistry, 2017, 74, 423-450.	3.2	45
69	First results from light scattering enhancement factor over central Indian Himalayas during GVAX campaign. Science of the Total Environment, 2017, 605-606, 124-138.	8.0	13
70	Analysis of the TSP, PM10 concentrations and water-soluble ionic species in airborne samples over Sistan, Iran during the summer dusty period. Atmospheric Pollution Research, 2017, 8, 403-417.	3.8	38
71	Optical and radiative properties of aerosols over Desalpar, a remote site in western India: Source identification, modification processes and aerosol type discrimination. Science of the Total Environment, 2017, 575, 612-627.	8.0	51
72	Assessment of PM2.5 and PM10 over Guwahati in Brahmaputra River Valley: Temporal evolution, source apportionment and meteorological dependence. Atmospheric Pollution Research, 2017, 8, 13-28.	3.8	42

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73	Modulation of Atmospheric Dynamics and Dust Emissions in Southwest Asia by the Caspian Seaâ€"Hindu Kush Index. Springer Atmospheric Sciences, 2017, , 941-947.	0.3	1
74	Columnar aerosol characteristics and radiative forcing over the Doon Valley in the Shivalik range of northwestern Himalayas. Environmental Science and Pollution Research, 2016, 23, 25467-25484.	5.3	25
75	Overview of atmospheric aerosol studies in Malaysia: Known and unknown. Atmospheric Research, 2016, 182, 302-318.	4.1	31
76	The solar dimming/brightening effect over the Mediterranean Basin in the period 1979â€"2012. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 150-151, 31-46.	1.6	37
77	The Caspian Seaâ€"Hindu Kush Index (CasHKI): A regulatory factor for dust activity over southwest Asia. Global and Planetary Change, 2016, 137, 10-23.	3.5	63
78	Dependence of the spectral diffuse-direct irradiance ratio on aerosol spectral distribution and single scattering albedo. Atmospheric Research, 2016, 178-179, 84-94.	4.1	9
79	Recent improvements of the Meteorological Radiation Model for solar irradiance estimates under all-sky conditions. Renewable Energy, 2016, 93, 142-158.	8.9	48
80	Aerosol chemical characterization and role of carbonaceous aerosol on radiative effect over Varanasi in central Indo-Gangetic Plain. Atmospheric Environment, 2016, 125, 437-449.	4.1	59
81	Scattering and absorption properties of near-surface aerosol over Gangeticâ€"Himalayan region: the role of boundary-layer dynamics and long-range transport. Atmospheric Chemistry and Physics, 2015, 15, 1555-1572.	4.9	65
82	Meteorological, atmospheric and climatic perturbations during major dust storms over Indo-Gangetic Basin. Aeolian Research, 2015, 17, 15-31.	2.7	74
83	Seasonal inhomogeneity in cloud precursors over Gangetic Himalayan region during GVAX campaign. Atmospheric Research, 2015, 155, 158-175.	4.1	36
84	Meteorological regimes modulating dust outbreaks in southwest Asia: The role of pressure anomaly and Inter-Tropical Convergence Zone on the 1â€"3 July 2014 case. Aeolian Research, 2015, 18, 83-97.	2.7	39
85	Carbonaceous aerosols and pollutants over Delhi urban environment: Temporal evolution, source apportionment and radiative forcing. Science of the Total Environment, 2015, 521-522, 431-445.	8.0	142
86	Estimation of particulate matter from satellite- and ground-based observations over Hyderabad, India. International Journal of Remote Sensing, 2015, 36, 6192-6213.	2.9	18
87	Dust-storm dynamics over Sistan region, Iran: Seasonality, transport characteristics and affected areas. Aeolian Research, 2015, 16, 35-48.	2.7	104
88	Meteorological aspects associated with dust storms in the Sistan region, southeastern Iran. Climate Dynamics, 2015, 45, 407-424.	3.8	87
89	Seasonal Variability of Atmospheric Aerosol Parameters over Greater Noida Using Ground Sunphotometer Observations. Aerosol and Air Quality Research, 2014, 14, 608-622.	2.1	67
90	Effects of crop residue burning on aerosol properties, plume characteristics, and longâ€range transport over northern India. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5424-5444.	3.3	228

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91	Spatio-temporal variability of dust aerosols over the Sistan region in Iran based on satellite observations. Natural Hazards, 2014, 71, 563-585.	3.4	46
92	Synoptic weather conditions and aerosol episodes over Indo-Gangetic Plains, India. Climate Dynamics, 2014, 43, 2313-2331.	3.8	51
93	Investigating aerosol properties in Peninsular Malaysia via the synergy of satellite remote sensing and ground-based measurements. Atmospheric Research, 2014, 138, 223-239.	4.1	37
94	In-situ measurements of aerosol properties and estimates of radiative forcing efficiency over Gangetic-Himalayan region during the GVAX field campaign. Atmospheric Environment, 2014, 94, 96-105.	4.1	19
95	Extremely high aerosol loading over Arabian Sea during June 2008: The specific role of the atmospheric dynamics and Sistan dust storms. Atmospheric Environment, 2014, 94, 374-384.	4.1	59
96	Statistical analysis of aerosols over the Gangeticâ€“Himalayan region using ARIMA model based on long-term MODIS observations. Atmospheric Research, 2014, 149, 174-192.	4.1	46
97	Crop Residue Burning: A Threat to South Asian Air Quality. Eos, 2014, 95, 333-334.	0.1	96
98	Contrasting aerosol characteristics and radiative forcing over Hyderabad, India due to seasonal mesoscale and synopticâ€scale processes. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 434-450.	2.7	40
99	Temporal changes of particulate concentration in the ambient air over the city of Zahedan, Iran. Air Quality, Atmosphere and Health, 2013, 6, 123-135.	3.3	62
100	Aerosol properties and radiative forcing over Kanpur during severe aerosol loading conditions. Atmospheric Environment, 2013, 79, 7-19.	4.1	98
101	Dryness of ephemeral lakes and consequences for dust activity: The case of the Hamoun drainage basin, southeastern Iran. Science of the Total Environment, 2013, 463-464, 552-564.	8.0	135
102	Assessment of chemical and mineralogical characteristics of airborne dust in the Sistan region, Iran. Chemosphere, 2013, 90, 227-236.	8.2	91
103	Influence of land use/land cover (LULC) changes on atmospheric dynamics over the arid region of Rajasthan state, India. Journal of Arid Environments, 2013, 88, 90-101.	2.4	45
104	Changes in surface irradiance and meteorological parameters associated with the annular solar Eclipse of 15 January 2010. AIP Conference Proceedings, 2013, , .	0.4	0
105	Long-Term (1951â€“2007) Rainfall Trends around Six Indian Cities: Current State, Meteorological, and Urban Dynamics. Advances in Meteorology, 2013, 2013, 1-15.	1.6	25
106	Seasonal variation of surface and vertical profile of aerosol properties over a tropical urban station Hyderabad, India. Journal of Geophysical Research D: Atmospheres, 2013, 118, 749-768.	3.3	50
107	Aerosol Characteristics over Bay of Bengal During W-ICARB Cruise Campaign. Springer Atmospheric Sciences, 2013, , 1033-1039.	0.3	0
108	Characteristics of aerosols over Hyderabad in southern Peninsular India: synergy in the classification techniques. Annales Geophysicae, 2012, 30, 1393-1410.	1.6	41

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109	Synergistic Use of Remote Sensing and Modeling for Tracing Dust Storms in the Mediterranean. Advances in Meteorology, 2012, 2012, 1-14.	1.6	20
110	Desert Dust Properties, Modelling, and Monitoring. Advances in Meteorology, 2012, 2012, 1-2.	1.6	5
111	Impact of Two Intense Dust Storms on Aerosol Characteristics and Radiative Forcing over Patiala, Northwestern India. Advances in Meteorology, 2012, 2012, 1-13.	1.6	52
112	Variability and trends of aerosol properties over Kanpur, northern India using AERONET data (2001â€“10). Environmental Research Letters, 2012, 7, 024003.	5.2	121
113	Dust storms and their horizontal dust loading in the Sistan region, Iran. Aeolian Research, 2012, 5, 51-62.	2.7	155
114	Transport pathways of Sahara dust over Athens, Greece as detected by MODIS and TOMS. Geomatics, Natural Hazards and Risk, 2012, 3, 35-54.	4.3	34
115	Influence of anomalous dry conditions on aerosols over India: Transport, distribution and properties. Journal of Geophysical Research, 2012, 117, .	3.3	59
116	Changes of Permanent Lake Surfaces, and Their Consequences for Dust Aerosols and Air Quality: The Hamoun Lakes of the Sistan Area, Iran. , 2012, , .		5
117	Multi-decadal variation of the net downward shortwave radiation over south Asia: The solar dimming effect. Atmospheric Environment, 2012, 50, 360-372.	4.1	55
118	Characterising the longâ€range transport mechanisms of different aerosol types over Athens, Greece during 2000â€“2005. International Journal of Climatology, 2012, 32, 1249-1270.	3.5	26
119	Extremely large anthropogenic-aerosol contribution to total aerosol load over the Bay of Bengal during winter season. Atmospheric Chemistry and Physics, 2011, 11, 7097-7117.	4.9	85
120	Satellite monitoring of the biomass-burning aerosols during the wildfires ofÂAugust 2007 in Greece: Climate implications. Atmospheric Environment, 2011, 45, 716-726.	4.1	51
121	Multiyear analysis of Terra/Aqua MODIS aerosol optical depth and ground observations over tropical urban region of Hyderabad, India. Atmospheric Environment, 2011, 45, 1532-1542.	4.1	41
122	Spatial heterogeneities in aerosol size distribution over Bay of Bengal during Winter-ICARB Experiment. Atmospheric Environment, 2011, 45, 4695-4706.	4.1	19
123	Influence of continental advection on aerosol characteristics over Bay of Bengal (BoB) in winter: results from W-ICARB cruise experiment. Annales Geophysicae, 2011, 29, 1423-1438.	1.6	22
124	Aerosol Monitoring over Athens Using Satellite and Ground-Based Measurements. Advances in Meteorology, 2010, 2010, 1-12.	1.6	14
125	Identification of the Aerosol Types over Athens, Greece: The Influence of Air-Mass Transport. Advances in Meteorology, 2010, 2010, 1-15.	1.6	9
126	Heterogeneity in pre-monsoon aerosol types over the Arabian Sea deduced from ship-borne measurements of spectral AODs. Atmospheric Chemistry and Physics, 2010, 10, 4893-4908.	4.9	70

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127	Solar dimming over the tropical urban region of Hyderabad, India: Effect of increased cloudiness and increased anthropogenic aerosols. Journal of Geophysical Research, 2010, 115, .	3.3	35
128	Long-range transport of dust aerosols over the Arabian Sea and Indian region â€" A case study using satellite data and ground-based measurements. Global and Planetary Change, 2010, 72, 164-181.	3.5	146
129	The Auraâ€"OMI Aerosol Index distribution over Greece. Atmospheric Research, 2010, 98, 28-39.	4.1	32
130	The diffuse-to-global and diffuse-to-direct-beam spectral irradiance ratios as turbidity indexes in an urban environment. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 246-256.	1.6	14
131	Identification of aerosol type over the Arabian Sea in the premonsoon season during the Integrated Campaign for Aerosols, Gases and Radiation Budget (ICARB). Journal of Geophysical Research, 2009, 114, .	3.3	86
132	Variations in the aerosol optical properties and types over the tropical urban site of Hyderabad, India. Journal of Geophysical Research, 2009, 114, .	3.3	134
133	Influence of natural and anthropogenic activities on UV Index variations â€" a study over tropical urban region using ground based observations and satellite data. Journal of Atmospheric Chemistry, 2008, 59, 219-236.	3.2	53
134	Comparison of the Ã…ngstrÃ¶m parameters retrieval in different spectral ranges with the use of different techniques. Meteorology and Atmospheric Physics, 2008, 99, 233-246.	2.0	54
135	The role of aerosol models of the SMARTS code in predicting the spectral direct-beam irradiance in an urban area. Renewable Energy, 2008, 33, 1532-1543.	8.9	33
136	Seasonal variation of columnar aerosol optical properties over Athens, Greece, based on MODIS data. Remote Sensing of Environment, 2008, 112, 2354-2366.	11.0	75
137	The choice of the most appropriate aerosol model in a radiative transfer code. Solar Energy, 2008, 82, 1198-1208.	6.1	10
138	Aerosol climatology over four AERONET sites: An overview. Atmospheric Environment, 2008, 42, 1892-1906.	4.1	68
139	Study on an intense dust storm over Greece. Atmospheric Environment, 2008, 42, 6884-6896.	4.1	117
140	Variation in aerosol properties over Hyderabad, India during intense cyclonic conditions. International Journal of Remote Sensing, 2008, 29, 4575-4597.	2.9	35
141	A study of aerosol particle sizes in the atmosphere of Athens, Greece, retrieved from solar spectral measurements. Atmospheric Research, 2007, 86, 194-206.	4.1	24
142	Investigation of the ozone and trace gases contribution to the total optical depth in the polluted urban environment of Athens. Atmospheric Research, 2007, 86, 286-296.	4.1	7
143	Aerosol climatology and discrimination of different types over Athens, Greece, based on MODIS data. Atmospheric Environment, 2007, 41, 7315-7329.	4.1	85
144	Case study of a dust storm over Hyderabad area, India: Its impact on solar radiation using satellite data and ground measurements. Science of the Total Environment, 2007, 384, 316-332.	8.0	94

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145	Investigation about the dependence of spectral diffuse-to-direct-beam irradiance ratio on atmospheric turbidity and solar zenith angle. Theoretical and Applied Climatology, 2007, 89, 245-256.	2.8	13
146	Checking the validity of the Ã…ngstrÃ¶m's formula with spectral data of direct-beam irradiance obtained in Athens, Greece. Atmospheric Research, 2006, 79, 67-87.	4.1	19
147	Modification of solar radiation components under different atmospheric conditions in the Greater Athens Area, Greece. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 1043-1052.	1.6	38
148	Investigation into the wavelength dependence of the aerosol optical depth in the Athens area. Quarterly Journal of the Royal Meteorological Society, 2006, 132, 2217-2234.	2.7	97
149	Comparison between experimental data and modeling estimates of aerosol optical depth over Athens, Greece. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 1167-1178.	1.6	48
150	Spectral aerosol optical depth and Angstrom parameters in the polluted Athens atmosphere. Theoretical and Applied Climatology, 2005, 81, 161-167.	2.8	20
151	Application of SPCTRAL2 parametric model in estimating spectral solar irradiances over polluted Athens atmosphere. Renewable Energy, 2004, 29, 1109-1119.	8.9	23