

# Ian G Mckendry

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,140  
citations

430843

18  
h-index

395678

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogeochemical and biophysical responses to episodes of wildfire smoke from natural ecosystems in southwestern British Columbia, Canada. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2333-2349.	4.9	1
2	A Ceilometer-Derived Climatology of the Convective Boundary Layer Over a Southern Hemisphere Subtropical City. <i>Boundary-Layer Meteorology</i> , 2021, 178, 435-462.	2.3	5
3	The relationship between Brown haze, atmospheric boundary layer structure, and air pollution in an urban area of complex coastal terrain. <i>Atmospheric Pollution Research</i> , 2021, 12, 101057.	3.8	10
4	Evaluation of the North American Regional Reanalysis (NARR) precipitation fields in a topographically complex domain. <i>Hydrological Sciences Journal</i> , 2020, 65, 786-799.	2.6	5
5	Suppression of "Handover" Processes in a Mountain Convective Boundary Layer due to Persistent Wildfire Smoke. <i>Boundary-Layer Meteorology</i> , 2020, 175, 297-308.	2.3	1
6	Impacts of an intense wildfire smoke episode on surface radiation, energy and carbon fluxes in southwestern British Columbia, Canada. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 835-846.	4.9	19
7	Impacts of the July 2012 Siberian fire plume on air quality in the Pacific Northwest. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2593-2611.	4.9	25
8	Data Verification Tools for Minimizing Management Costs of Dense Air-Quality Monitoring Networks. <i>Environmental Science &amp; Technology</i> , 2016, 50, 835-846.	10.0	23
9	A possible link between wildfire aerosol and North American Monsoon precipitation in Arizona "New Mexico. <i>International Journal of Climatology</i> , 2015, 35, 3178-3184.	3.5	2
10	Low Ozone Episodes at Amphitrite Point Marine Boundary Layer Observatory, British Columbia, Canada. <i>Atmosphere - Ocean</i> , 2014, 52, 271-280.	1.6	12
11	Long-range transport of Siberian wildfire smoke to British Columbia: Lidar observations and air quality impacts. <i>Atmospheric Environment</i> , 2014, 90, 71-77.	4.1	43
12	High Density Ozone Monitoring Using Gas Sensitive Semi-Conductor Sensors in the Lower Fraser Valley, British Columbia. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3970-3977.	10.0	61
13	A Land Use Regression Model for Ultrafine Particles in Vancouver, Canada. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5217-5225.	10.0	120
14	Application of Lidar Data to Assist Airmass Discrimination at the Whistler Mountaintop Observatory. <i>Journal of Applied Meteorology and Climatology</i> , 2012, 51, 1733-1739.	1.5	12
15	Impact of Climate Change on Ozone Pollution in the Lower Fraser Valley, Canada. <i>Atmosphere - Ocean</i> , 2012, 50, 42-53.	1.6	6
16	Continuous 1064/532 nm Lidar Measurements (CORALNet-UBC) in Vancouver, British Columbia: Selected Results from a Year of Operation. <i>Atmosphere - Ocean</i> , 2011, 49, 32-40.	1.6	5
17	Comparison of tethered balloon vertical profiles of particulate matter size distributions with lidar ceilometer backscatter in the nocturnal urban boundary layer. <i>International Journal of Environment and Pollution</i> , 2010, 41, 155.	0.2	5
18	Diurnal and Seasonal Trends in Convective Mixed-Layer Heights Estimated from Two Years of Continuous Ceilometer Observations in Vancouver, BC. <i>Boundary-Layer Meteorology</i> , 2010, 137, 459-475.	2.3	55

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19	Lidar ceilometer observations and modeling of a fireworks plume in Vancouver, British Columbia. Atmospheric Environment, 2008, 42, 7174-7178.	4.1	18
20	Particulate matter exposure along designated bicycle routes in Vancouver, British Columbia. Science of the Total Environment, 2008, 405, 26-35.	8.0	73
21	Trans-Pacific transport of Saharan dust to western North America: A case study. Journal of Geophysical Research, 2007, 112, .	3.3	82
22	Evidence of Elevated Ozone Concentrations on Forested Slopes of the Lower Fraser Valley, British Columbia, Canada. Water, Air, and Soil Pollution, 2006, 173, 273-287.	2.4	7
23	The role of synoptic-scale circulation in the linkage between large-scale ocean-atmosphere indices and winter surface climate in British Columbia, Canada. International Journal of Climatology, 2006, 26, 541-560.	3.5	96
24	Vertical profiles of O <sub>3</sub> , aerosols, CO and NMHCs in the Northeast Pacific during the TRACE-P and ACE-ASIA experiments. Journal of Geophysical Research, 2003, 108, .	3.3	46
25	Springtime trans-Pacific atmospheric transport from east Asia: A transit-time probability density function approach. Journal of Geophysical Research, 2003, 108, .	3.3	50
26	Evaluation of Artificial Neural Networks for Fine Particulate Pollution (PM <sub>10</sub> and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 1096-1101.	1.9	92
27	A graphical sensitivity analysis for statistical climate models: application to Indian monsoon rainfall prediction by artificial neural networks and multiple linear regression models. International Journal of Climatology, 2002, 22, 1687-1708.	3.5	47
28	PM <sub>10</sub> Levels in the Lower Fraser Valley, British Columbia, Canada: An Overview of Spatiotemporal Variations and Meteorological Controls. Journal of the Air and Waste Management Association, 2000, 50, 443-452.	1.9	21
29	Forecasting all-India summer monsoon rainfall using regional circulation principal components: a comparison between neural network and multiple regression models. International Journal of Climatology, 1999, 19, 1561-1578.	3.5	19
30	Validation of synoptic circulation patterns simulated by the Canadian climate centre general circulation model for western north America: Research note. Atmosphere - Ocean, 1995, 33, 809-825.	1.6	26
31	Ground-level ozone in Montreal, Canada. Atmospheric Environment Part B Urban Atmosphere, 1993, 27, 93-103.	0.5	27
32	Mesoclimatology: Present Themes and Future Prospects. New Zealand Geographer, 1993, 49, 56-63.	0.9	0
33	Observations and numerical modelling of Lake Ontario breezes. Atmosphere - Ocean, 1993, 31, 481-499.	1.6	21
34	Mesoscale Eddy Development over South Auckland-A Case Study. Weather and Forecasting, 1992, 7, 134-142.	1.4	10
35	Numerical simulation of sea breeze interactions over the Auckland region, New Zealand. New Zealand Journal of Geology, and Geophysics, 1992, 35, 9-20.	1.8	9
36	Summertime along-valley wind variations in the wright valley Antarctica. International Journal of Climatology, 1992, 12, 587-596.	3.5	17

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37	The vertical structure of summertime local winds in the Wright Valley, Antarctica. <i>Boundary-Layer Meteorology</i> , 1990, 51, 321-342.	2.3	18
38	Numerical simulation of sea breezes over the Auckland region, New Zealand ? Air quality implications. <i>Boundary-Layer Meteorology</i> , 1989, 49, 7-22.	2.3	20
39	Interactions between local winds and coastal sea surface temperatures near the Canterbury coast. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1988, 22, 91-100.	2.0	6
40	Numerical simulation of local thermal effects on the wind field of the Canterbury Plains, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1988, 31, 511-524.	1.8	7