

# Perry K Davy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                   |                       |                |                 |
|-------------------|-----------------------|----------------|-----------------|
| 26<br>papers      | 583<br>citations      | 13<br>h-index  | 24<br>g-index   |
| 28<br>ext. papers | 687<br>ext. citations | 5.4<br>avg, IF | 3.43<br>L-index |

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 26 | Nitrogen isotopes in nitrate aerosols collected in the remote marine boundary layer: Implications for nitrogen isotopic fractionations among atmospheric reactive nitrogen species. <i>Atmospheric Environment</i> , <b>2021</b> , 245, 118028   | 5.3  | 3         |
| 25 | The contribution of commercial fireworks to both local and personal air quality in Auckland, New Zealand. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 21650-21660  | 5.1  | 6         |
| 24 | Arsenic in Hair as a Marker of Exposure to Smoke from the Burning of Treated Wood in Domestic Wood Burners. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,   | 4.6  | 1         |
| 23 | Comparison of a priori and interlaboratory-measurement-consensus approaches for value assignment of multi-element reference materials on PTFE filters. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105225                                  | 4.8  | 4         |
| 22 | Implications for air quality management of changes in air quality during lockdown in Auckland (New Zealand) in response to the 2020 SARS-CoV-2 epidemic. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141129                     | 10.2 | 19        |
| 21 | An inter-laboratory evaluation of new multi-element reference materials for atmospheric particulate matter measurements. <i>Aerosol Science and Technology</i> , <b>2019</b> , 53, 771-782   | 3.4  | 7         |
| 20 | Sources of indoor air pollution at a New Zealand urban primary school; a case study. <i>Atmospheric Pollution Research</i> , <b>2019</b> , 10, 435-444   | 4.5  | 23        |
| 19 | Investigating Source Contributions of Size-Aggregated Aerosols Collected in Southern Ocean and Baring Head, New Zealand Using Sulfur Isotopes. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 3717-3727                                 | 4.9  | 12        |
| 18 | High-resolution sampling and analysis of ambient particulate matter in the Pearl River Delta region of southern China: source apportionment and health risk implications. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 2049-2064 | 6.8  | 27        |
| 17 | The MUMBA campaign: measurements of urban, marine and biogenic air. <i>Earth System Science Data</i> , <b>2017</b> , 9, 349-362  | 10.5 | 23        |
| 16 | High time-resolved elemental components in fine and coarse particles in the Pearl River Delta region of Southern China: Dynamic variations and effects of meteorology. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 634-648      | 10.2 | 17        |
| 15 | Particulate matter sources and long-term trends in a small New Zealand city. <i>Atmospheric Pollution Research</i> , <b>2015</b> , 6, 1105-1112  | 4.5  | 6         |
| 14 | Sources of particulate matter pollution in a small New Zealand city. <i>Atmospheric Pollution Research</i> , <b>2014</b> , 5, 572-580  | 4.5  | 17        |
| 13 | Particulate matter sources on an hourly timescale in a rural community during the winter. <i>Journal of the Air and Waste Management Association</i> , <b>2014</b> , 64, 501-8   | 2.4  | 12        |
| 12 | Sources and transport of particulate matter on an hourly time-scale during the winter in a New Zealand urban valley. <i>Urban Climate</i> , <b>2014</b> , 10, 644-655  | 6.8  | 12        |
| 11 | Carbonaceous aerosols in a wood burning community in rural New Zealand. <i>Atmospheric Pollution Research</i> , <b>2013</b> , 4, 245-249   | 4.5  | 16        |
| 10 | Identification of particulate matter sources on an hourly time-scale in a wood burning community. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 4767-74  | 10.3 | 36        |

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|---|---|------|-----|
| 9 | AIR PARTICULATE MATTER POLLUTION IN ULAANBAATAR CITY, MONGOLIA. <i>International Journal of PIXE</i> , <b>2012</b> , 22, 165-171  | 0.1  | 5   |
| 8 | Composition and source contributions of air particulate matter pollution in a New Zealand suburban town. <i>Atmospheric Pollution Research</i> , <b>2012</b> , 3, 143-147                                 | 4.5  | 23  |
| 7 | Exploring the Variation between EC and BC in a Variety of Locations. <i>Aerosol and Air Quality Research</i> , <b>2012</b> , 12, 1-7  | 4.6  | 58  |
| 6 | Carbonaceous aerosols in an urban tunnel. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 4463-4469  | 5.3  | 52  |
| 5 | Air particulate matter pollution in Ulaanbaatar, Mongolia: determination of composition, source contributions and source locations. <i>Atmospheric Pollution Research</i> , <b>2011</b> , 2, 126-137      | 4.5  | 55  |
| 4 | Urban air quality in the Asian region. <i>Science of the Total Environment</i> , <b>2008</b> , 404, 103-12  | 10.2 | 133 |
| 3 | Sub-surface retention of Pb atoms in silicon after low-energy ion implantation and electron beam annealing. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2008</b> , 266, 1553-1557 | 1.2  | 4   |
| 2 | Nanostructuring at the surface of low-energy lead-implanted silicon by electron beam annealing. <i>Surface and Interface Analysis</i> , <b>2008</b> , 40, 931-934   | 1.5  | 6   |
| 1 | Diffusion of Pb in carbon ion-implanted silicon: Discovery of a new crystalline phase after electron beam annealing. <i>Vacuum</i> , <b>2008</b> , 82, 1306-1311  | 3.7  | 4   |