

Chris Heyes

List of Publications by Year in descending order

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37
papers

5,190
citations

159358

30
h-index

329751

37
g-index

50
all docs

50
docs citations

50
times ranked

6690
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Global Solid Biofuel Stove Emissions on Ambient Air Quality and Human Health. <i>GeoHealth</i> , 2021, 5, e2020GH000362.	1.9	14
2	Reducing global air pollution: the scope for further policy interventions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190331.	1.6	70
3	Atmospheric transport is a major pathway of microplastics to remote regions. <i>Nature Communications</i> , 2020, 11, 3381.	5.8	489
4	Global Climate and Human Health Effects of the Gasoline and Diesel Vehicle Fleets. <i>GeoHealth</i> , 2020, 4, e2019GH000240.	1.9	34
5	Mitigation pathways of air pollution from residential emissions in the Beijing-Tianjin-Hebei region in China. <i>Environment International</i> , 2019, 125, 236-244.	4.8	66
6	Source apportionment of circum-Arctic atmospheric black carbon from isotopes and modeling. <i>Science Advances</i> , 2019, 5, eaau8052.	4.7	68
7	Comparison and evaluation of anthropogenic emissions of SO ₂ and NO _x over China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3433-3456.	1.9	51
8	Constraining the uncertainty in emissions over India with a regional air quality model evaluation. <i>Atmospheric Environment</i> , 2018, 174, 194-203.	1.9	23
9	Outlook for clean air in the context of sustainable development goals. <i>Global Environmental Change</i> , 2018, 53, 1-11.	3.6	119
10	Urban versus rural health impacts attributable to PM _{2.5} and O ₃ in northern India. <i>Environmental Research Letters</i> , 2018, 13, 064010.	2.2	54
11	Global radiative effects of solid fuel cookstove aerosol emissions. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5219-5233.	1.9	22
12	Siberian Arctic black carbon sources constrained by model and observation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1054-E1061.	3.3	80
13	Impacts and mitigation of excess diesel-related NO _x emissions in 11 major vehicle markets. <i>Nature</i> , 2017, 545, 467-471.	13.7	487
14	Managing future air quality in megacities: A case study for Delhi. <i>Atmospheric Environment</i> , 2017, 161, 99-111.	1.9	63
15	Impact of excess NO _x emissions from diesel cars on air quality, public health and eutrophication in Europe. <i>Environmental Research Letters</i> , 2017, 12, 094017.	2.2	120
16	Mitigating ammonia emission from agriculture reduces PM _{2.5} pollution in the Hai River Basin in China. <i>Science of the Total Environment</i> , 2017, 609, 1152-1160.	3.9	57
17	Future air pollution in the Shared Socio-economic Pathways. <i>Global Environmental Change</i> , 2017, 42, 346-358.	3.6	277
18	The marker quantification of the Shared Socioeconomic Pathway 2: A middle-of-the-road scenario for the 21st century. <i>Global Environmental Change</i> , 2017, 42, 251-267.	3.6	590

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19	Global anthropogenic emissions of particulate matter including black carbon. Atmospheric Chemistry and Physics, 2017, 17, 8681-8723.	1.9	496
20	EURODELTA-Trends, a multi-model experiment of air quality hindcast in Europe over 1990â€“2010. Geoscientific Model Development, 2017, 10, 3255-3276.	1.3	41
21	A multi-model assessment of the co-benefits of climate mitigation for global air quality. Environmental Research Letters, 2016, 11, 124013.	2.2	72
22	Exploring synergies between climate and air quality policies using long-term global and regional emission scenarios. Atmospheric Environment, 2016, 140, 577-591.	1.9	45
23	Current model capabilities for simulating black carbon and sulfate concentrations in the Arctic atmosphere: a multi-model evaluation using a comprehensive measurement data set. Atmospheric Chemistry and Physics, 2015, 15, 9413-9433.	1.9	145
24	Evaluating the climate and air quality impacts of short-lived pollutants. Atmospheric Chemistry and Physics, 2015, 15, 10529-10566.	1.9	365
25	Modelling PM _{2.5} impact indicators in Europe: Health effects and legal compliance. Environmental Modelling and Software, 2015, 74, 201-211.	1.9	77
26	Modelling street level PM ₁₀ concentrations across Europe: source apportionment and possible futures. Atmospheric Chemistry and Physics, 2015, 15, 1539-1553.	1.9	62
27	Global and regional climate impacts of black carbon and co-emitted species from the on-road diesel sector. Atmospheric Environment, 2014, 98, 50-58.	1.9	28
28	Modelling NO ₂ concentrations at the street level in the GAINS integrated assessment model: projections under current legislation. Atmospheric Chemistry and Physics, 2014, 14, 813-829.	1.9	53
29	Co-benefits of post-2012 global climate mitigation policies. Mitigation and Adaptation Strategies for Global Change, 2013, 18, 801-824.	1.0	74
30	Future air quality in Europe: a multi-model assessment of projected exposure to ozone. Atmospheric Chemistry and Physics, 2012, 12, 10613-10630.	1.9	81
31	Environmental Modeling and Methods for Estimation of the Global Health Impacts of Air Pollution. Environmental Modeling and Assessment, 2012, 17, 613-622.	1.2	61
32	Cost-effective control of air quality and greenhouse gases in Europe: Modeling and policy applications. Environmental Modelling and Software, 2011, 26, 1489-1501.	1.9	578
33	Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe. Energy Policy, 2006, 34, 444-460.	4.2	124
34	Estimating long-term population exposure to ozone in urban areas of Europe. Environmental Pollution, 2001, 113, 59-69.	3.7	21
35	A simplified ozone model based on fuzzy rules generation. European Journal of Operational Research, 2000, 122, 440-451.	3.5	12
36	Integrated assessment of European air pollution emission control strategies. Environmental Modelling and Software, 1998, 14, 1-9.	1.9	109

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37	Integrated assessment of emission control scenarios, including the impact of tropospheric ozone. Water, Air, and Soil Pollution, 1995, 85, 2595-2600.	1.1	18