

Scopus

## Author details

About Scopus Author Id

Print

Van Den Heever, Susan C.

Follow this Author

*h*-index: 21View *h*-

21

Colorado State University, Department of  
Atmospheric Science, Fort Collins, United States

Author ID: 6505932008

Other name formats:

Van den heever, Susan C. Van Den Heever, S. C. van den Heever, Susan C. van den Heever, Sue  
Van Den Heever, Susan Van Den Heever, Susan C. van den Heever, S. C. Van den Heever, Susan  
Van den Heever, S. Van den Heever, Susan C.

View potential author matches

Documents by author

90

Analyze author c

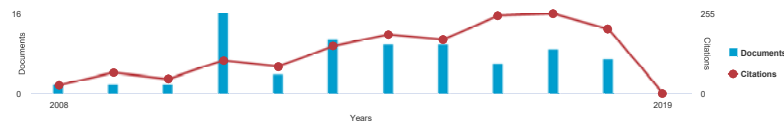
Subject area:

Earth and Planetary Sciences Materials Science Physics and Astronomy Environmental Science  
Chemistry Engineering Computer Science Medicine Energy  
Agricultural and Biological Sciences

Total citations

1589 by 951 documents

View citation ov

Document and  
citation trends:

Get citation alerts + Add to ORCID Request author detail corrections Export profile to SciVal











90 Documents Cited by 951 documents 96 co-authors Author history

View in search results format &gt;

Sort on: Date (newest)

Export all Add all to list Set document alert Set document feed

Document title	Authors	Year	Source	Ci
The role of cold pools in tropical oceanic convective systems	Grant, L.D., Lane, T.P., van den Heever, S.C.	2018	Journal of the Atmospheric Sciences 75(8), pp. 2615-2634	
View abstract Full Text Finder View at Publisher Related documents				
Cold Pool-Land Surface Interactions in a Dry Continental Environment Open Access	Grant, L.D., van den Heever, S.C.	2018	Journal of Advances in Modeling Earth Systems 10(7), pp. 1513-1526	
View abstract Full Text Finder View at Publisher Related documents				
Reply to "comments on 'A CloudSat-CALIPSO view of cloud and precipitation properties across cold fronts over the global oceans'"	Naud, C.M., Posselt, D.J., van den Heever, S.C.	2018	Journal of Climate 31(7), pp. 2969-2975	
View abstract Full Text Finder View at Publisher Related documents				
Meteorological and Land Surface Properties Impacting Sea Breeze Extent and Aerosol Distribution in a Dry Environment	Igel, A.L., van den Heever, S.C., Johnson, J.S.	2018	Journal of Geophysical Research: Atmospheres 123(1), pp. 22-37	
View abstract Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Ci
The response of a simulated mesoscale convective system to increased aerosol pollution: Part II: Derecho characteristics and intensity in response to increased pollution	Clavner, M., Grasso, L.D., Cotton, W.R., van den Heever, S.C.	2018	Atmospheric Research 199, pp. 209-223	
View abstract  Full Text Finder View at Publisher Related documents				
Wind-flux feedbacks and convective organization during the november 2011 MJO event in a high-resolution model	Dellaripa, E.M.R., Maloney, E., van den Heever, S.C.	2018	Journal of the Atmospheric Sciences 75(1), pp. 57-84	
View abstract  Full Text Finder View at Publisher Related documents				
The response of a simulated mesoscale convective system to increased aerosol pollution: Part I: Precipitation intensity, distribution, and efficiency	Clavner, M., Cotton, W.R., van den Heever, S.C., Saleeby, S.M., Pierce, J.R.	2018	Atmospheric Research 199, pp. 193-208	
View abstract  Full Text Finder View at Publisher Related documents				
The microphysical roles of lower-tropospheric versus midtropospheric aerosol particles in mature-stage MCS precipitation	Marinescu, P.J., van den Heever, S.C., Saleeby, S.M., Kreidenweis, S.M., DeMott, P.J.	2017	Journal of the Atmospheric Sciences 74(11), pp. 3657-3678	
View abstract  Full Text Finder View at Publisher Related documents				
Observed Covariations of Aerosol Optical Depth and Cloud Cover in Extratropical Cyclones	Naud, C.M., Posselt, D.J., van den Heever, S.C.	2017	Journal of Geophysical Research: Atmospheres 122(19), pp. 10338-10356	
View abstract  Full Text Finder View at Publisher Related documents				
Saharan dust, convective lofting, aerosol enhancement zones, and potential impacts on ice nucleation in the tropical upper troposphere	Twohy, C.H., Anderson, B.E., Ferrare, R.A., (...), Ismail, S., Diskin, G.S.	2017	Journal of Geophysical Research: Atmospheres 122(16), pp. 8833-8851	
View abstract  Full Text Finder View at Publisher Related documents				
Characterizing convective cold pools Open Access	Drager, A.J., van den Heever, S.C.	2017	Journal of Advances in Modeling Earth Systems 9(2), pp. 1091-1115	
View abstract  Full Text Finder View at Publisher Related documents				
The role of the gamma function shape parameter in determining differences between condensation rates in bin and bulk microphysics schemes Open Access	Igel, A.L., Van Den Heever, S.C.	2017	Atmospheric Chemistry and Physics 17(7), pp. 4599-4609	
View abstract  Full Text Finder View at Publisher Related documents				
The importance of the shape of cloud droplet size distributions in shallow cumulus clouds. Part I: Bin microphysics simulations	Igel, A.L., van den Heever, S.C.	2017	Journal of the Atmospheric Sciences 74(1), pp. 249-258	
View abstract  Full Text Finder View at Publisher Related documents				
The importance of the shape of cloud droplet size distributions in shallow cumulus clouds. Part II: Bulk microphysics simulations	Igel, A.L., van den Heever, S.C.	2017	Journal of the Atmospheric Sciences 74(1), pp. 259-273	
View abstract  Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Ci
A global lightning parameterization based on statistical relationships among environmental factors, aerosols, and convective clouds in the TRMM climatology	Stolz, D.C., Rutledge, S.A., Pierce, J.R., Van Den Heever, S.C.	2017	Journal of Geophysical Research 122(14), pp. 7461-7492	
View abstract  Full Text Finder View at Publisher Related documents				
Advancing littoral zone aerosol prediction via holistic studies in regime-dependent flows: Overview and early results	Solbrig, J., Miller, S., van den Heever, S., (...), Park, J., Saleeby, S.	2017	Optics InfoBase Conference Papers Part F49-pcAOP 2017	
View abstract  Full Text Finder View at Publisher				
Aerosol optical depth distribution in extratropical cyclones over the Northern Hemisphere oceans	Naud, C.M., Posselt, D.J., van den Heever, S.C.	2016	Geophysical Research Letters 43(19), pp. 10,504-10,511	
View abstract  Full Text Finder View at Publisher Related documents				
Tropical storm redistribution of Saharan dust to the upper troposphere and ocean surface	Herbener, S.R., Saleeby, S.M., van den Heever, S.C., Twohy, C.H.	2016	Geophysical Research Letters 43(19), pp. 10,463-10,471	
View abstract  Full Text Finder View at Publisher Related documents				
Toward an algorithm for estimating latent heat release in warm rain systems	Nelson, E.L., L'Ecuyer, T.S., Saleeby, S.M., (...), Herbener, S.R., van Den Heever, S.C.	2016	Journal of Atmospheric and Oceanic Technology 33(6), pp. 1309-1329	
View abstract  Full Text Finder View at Publisher Related documents				
Cold pool dissipation	Grant, L.D., van den Heever, S.C.	2016	Journal of Geophysical Research 121(3), pp. 1138-1155	
View abstract  Full Text Finder View at Publisher Related documents				

Display:  results per page

1 2 3 4 5

Top of page

The data displayed above is compiled exclusively from documents indexed in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please use the [Author Feedback Wizard](#).

## About Scopus

What is Scopus  
Content coverage  
Scopus blog  
Scopus API  
Privacy matters

## Language

日本語に切り替える  
切换到简体中文  
切换到繁體中文  
Русский язык

## Customer Service

Help  
Contact us

ELSEVIER

[Terms and conditions](#) [Privacy policy](#)

Copyright © 2018 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Cookies are set by this site. To decline them or learn more, visit our [Cookies page](#).

