

2020年気象集誌論文賞受賞者について

気象集誌編集委員長 佐藤正樹

気象集誌編集委員会では、1年間に気象集誌に掲載された論文の中から毎年数編優秀な論文を選定し、顕彰することとしています。2020年は下記の気象集誌論文賞 (JMSJ award) 受賞者を決定いたしましたので報告いたします。

著者：竹村和人, 向川 均

題目：盛夏期におけるアジアジェットに沿う準定常ロスビー波束伝播と太平洋・日本パターンとの力学的関連性

Takemura, K., and H. Mukougawa, 2020: Dynamical relationship between quasi-stationary Rossby wave propagation along the Asian jet and Pacific-Japan pattern in boreal summer. *J. Meteor. Soc. Japan*, **98**, 169-187.

<https://doi.org/10.2151/jmsj.2020-010>

著者：Bjorn Stevens, Claudia Acquistapace, Akio Hansen, Rieke Heinze, Carolin Klinger, Daniel Klocke, Harald Rybka, Wiebke Schubotz, Julia Windmiller, Panagiotis Adamidis, Ioanna Arka, Vasileios Barlakas, Joachim Biercamp, Matthias Brueck, Sebastian Brune, Stefan A. Buehler, Ulrike Burkhardt, Guido Cioni, Montserrat Costa-Suròs, Susanne Crewell, Traute Crüger, Hartwig Deneke, Petra Friederichs, Cintia Carbajal Henken, Cathy Hohenegger, Marek Jacob, Fabian Jakub, Norbert Kalthoff, Martin Köhler, Thirza W. van Laar, Puxi Li, Ulrich Löhnert, Andreas Macke, Nils Madenach, Bernhard Mayer, Christine Nam, Ann Kristin Naumann, Karsten Peters, Stefan Poll, Johannes Quaas, Niklas Röber, Nicolas Rochetin, Leonhard Scheck, Vera Schemann, Sabrina Schnitt, Axel Seifert, Fabian Senf, Metodija Shapkalijevski, Clemens Simmer, Shweta

Singh, Odran Sourdeval, Dela Spickermann, Johan Strandgren, Octave Tessiot, Nikki Vercauteren, Jessica Vial, Aiko Voigt, Günter Zängl

題目：雲と降水をシミュレートするためのラージエディモデルとストーム解像モデルの付加価値

Stevens, B., C. Acquistapace, A. Hansen, R. Heinze, C. Klinger, D. Klocke, H. Rybka, W. Schubotz, J. Windmiller, P. Adamidis, I. Arka, V. Barlakas, J. Biercamp, M. Brueck, S. Brune, S. A. Buehler, U. Burkhardt, G. Cioni, M. Costa-Suròs, S. Crewell, T. Crüger, H. Deneke, P. Friederichs, C. C. Henken, C. Hohenegger, M. Jacob, F. Jakub, N. Kalthoff, M. Köhler, T. W. van Laar, P. Li, U. Löhnert, A. Macke, N. Madenach, B. Mayer, C. Nam, A. K. Naumann, K. Peters, S. Poll, J. Quaas, N. Röber, N. Rochetin, L. Scheck, V. Schemann, S. Schnitt, A. Seifert, F. Senf, M. Shapkalijevski, C. Simmer, S. Singh, O. Sourdeval, D. Spickermann, J. Strandgren, O. Tessiot, N. Vercauteren, J. Vial, A. Voigt, and G. Zängl, 2020: The added value of large-eddy and storm-resolving models for simulating clouds and precipitation. *J. Meteor. Soc. Japan*, **98**, 395-435, Special Edition on DYAMOND: The Dynamics of the Atmospheric general circulation Modeled On Non-hydrostatic Domains.

<https://doi.org/10.2151/jmsj.2020-021>

著者：川端康弘, 山口宗彦

題目：マルチアンサンブルを用いた台風進路予報における予報楕円

Kawabata, Y., and M. Yamaguchi, 2020: Probability ellipse for tropical cyclone track forecasts with multiple ensembles. *J. Meteor. Soc. Japan*, **98**, 821-833.

<https://doi.org/10.2151/jmsj.2020-042>