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Author(s): Christian HJ, Blakeslee RJ, Boccippio DJ, et al.
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Author(s): Zender CS, Bian HS, Newman D
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Author(s): Hacker BR, Abers GA, Peacock SM
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Author(s): Thompson AM, Witte JC, McPeters RD, et al.
Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: **108** Issue: **D2** Article Number: **8238** Published: **JAN 30 2003**
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Author(s): Chu DA, Kaufman YJ, Zibordi G, et al.
Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: **108** Issue: **D21** Article Number: **4661** Published: **NOV 5 2003**
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Author(s): Piromallo C, Morelli A
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Author(s): Binkowski FS, Roselle SJ
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 Author(s): Summers D, Thorne RM
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 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: **108** Issue: **D18** Article Number: **8577** Published: **JUL 18 2003**
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 Author(s): Squyres SW, Arvidson RE, Baumgartner ET, et al.
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 Author(s): Shchepetkin AF, McWilliams JC
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 Author(s): Weimer DR, Ober DM, Maynard NC, et al.
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 Times Cited: **85**
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 Author(s): Carmichael GR, Tang Y, Kurata G, et al.
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Author(s): Kinne S, Lohmann U, Feichter J, et al.
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- ☐ 31. Title: [Sensitivity study of meteorological parameters on mineral aerosol mobilization, transport, and distribution](#)
Author(s): Luo C, Mahowald NM, del Corral J
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Times Cited: **82**
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Author(s): Stohl A, Bonasoni P, Cristofanelli P, et al.
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Author(s): Babin M, Stramski D, Ferrari GM, et al.
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Author(s): Stohl A, Forster C, Eckhardt S, et al.
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Times Cited: 78

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Author(s): Gong SL, Zhang XY, Zhao TL, et al.
Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 108 Issue: D9 Article Number: 4262 Published: MAY 2 2003
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Author(s): Allan JD, Alfarra MR, Bower KN, et al.
Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 108 Issue: D3 Article Number: 4091 Published: FEB 4 2003
Times Cited: 78
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Author(s): Ryerson TB, Trainer M, Angevine WM, et al.
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Author(s): Martin RV, Jacob DJ, Chance K, et al.
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Author(s): Newchurch MJ, Yang ES, Cunnold DM, et al.
Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 108 Issue: D16 Article Number: 4507 Published: AUG 23 2003
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Author(s): Park RJ, Jacob DJ, Chin M, et al.
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Author(s): Christensen AB, Paxton LJ, Avery S, et al.

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Times Cited: **75**

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Author(s): Bell JF, Squyres SW, Herkenhoff KE, et al.

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Author(s): Palmer PI, Jacob DJ, Jones DBA, et al.

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Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: **108** Issue: **D15** Article Number: **4464** Published: **AUG 9 2003**

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Author(s): Chouet B, Dawson P, Ohminato T, et al.

Source: **JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH** Volume: **108** Issue: **B1** Article Number: **2019** Published: **JAN 15 2003**

Times Cited: **75**

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Author(s): Anderson TL, Masonis SJ, Covert DS, et al.

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Author(s): Carmichael GR, Tang Y, Kurata G, et al.

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