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Correction: An adamantane-based COF: stability, adsorption capability, and behaviour as a catalyst and support for Pd and Au for the hydrogenation of nitrostyrene

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Correction for 'An adamantane-based COF: stability, adsorption capability, and behaviour as a catalyst and support for Pd and Au for the hydrogenation of nitrostyrene' by M. M. Trandafir *et al.*, *Catal. Sci. Technol.*, 2016, 6, 8344–8354.

The authors wish to correct a number of errors in the referencing in their original article.

On page 8344, line 42 (left column), ref. 5 should be replaced by ref. 1.

On page 8344, line 35 (right column), ref. 7–9 should be replaced by ref. 6–8, and ref. 10 should be replaced by ref. 9.

On page 8344, line 37 (right column), ref. 11 and 12 should be replaced by ref. 10 and 11.

On page 8344, line 38 (right column), ref. 10 and 12 should be replaced by ref. 9 and 12, and ref. 10 should be replaced by ref. 13.

On page 8344, line 43 (right column), ref. 3 and 7–11 should be replaced by ref. 14–19, ref. 1, 9 and 10 should be replaced by ref. 16, 19 and 20, and ref. 3, 4, 7 and 10 should be replaced by ref. 14, 19, 21 and 22.

On page 8344, line 44 (right column), ref. 13 should be replaced by ref. 23.

On page 8344, line 46 (right column), ref. 3 and 7–9 should be replaced by ref. 14, 16, 21 and 24–26, and ref. 2, 3, 7, 8 and 11 should be replaced by ref. 15, 21, 24, 27 and 28.

On page 8344, line 47 (right column), ref. 4, 12 and 13 should be replaced by ref. 22, 23 and 29.

On page 8344, line 52 (right column), ref. 4 should be replaced by ref. 22.

On page 8344, line 55 (right column), ref. 4 and 14 should be replaced by ref. 30 and 31.

On page 8345, line 2 (left column), ref. 13 should be replaced by ref. 32.

On page 8345, line 5 (left column), ref. 7 should be replaced by ref. 33.

On page 8345, line 7 (left column), ref. 15 should be replaced by ref. 34.

On page 8345, line 10 (left column), ref. 16–19 should be replaced by ref. 34–37.

On page 8345, line 11 (left column), ref. 20 should be replaced by ref. 38.

On page 8345, line 13 (left column), ref. 8–12 should be replaced by ref. 39–43.

On page 8345, line 16 (left column), ref. 2, 3 and 12 should be replaced by ref. 42, 44 and 45.

On page 8345, line 17 (left column), ref. 7 and 14 should be replaced by ref. 33 and 46, and ref. 21 and 22 should be replaced by ref. 47 and 48.

On page 8345, line 18 (left column), ref. 4 should be replaced by ref. 49.

On page 8345, line 24 (left column), ref. 13 should be replaced by ref. 50.

On page 8345, line 27 (left column), ref. 7 and 22 should be replaced by ref. 48 and 51.

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On page 8345, line 31 (left column), ref. 8 should be replaced by ref. 52.
 On page 8345, line 37 (left column), ref. 1 should be replaced by ref. 43.
 On page 8345, line 41 (left column), ref. 9 should be replaced by ref. 53.
 On page 8345, line 52 (left column), ref. 7 should be replaced by ref. 14, and ref. 10 should be replaced by ref. 54.
 On page 8346, line 23 (left column), ref. 11 should be replaced by ref. 55.
 On page 8346, line 25 (right column), ref. 23 should be replaced by ref. 56.
 On page 8346, line 26 (right column), ref. 24 should be replaced by ref. 57.
 On page 8346, line 37 (right column), ref. 25 should be replaced by ref. 43.
 On page 8348, line 52 (left column), ref. 26 should be replaced by ref. 58.
 On page 8348, line 52 (right column), ref. 26 should be replaced by ref. 58.
 On page 8348, line 56 (right column), ref. 27 should be replaced by ref. 59.
 On page 8349, line 24 (left column), ref. 28 should be replaced by ref. 60.
 On page 8349, line 38 (right column), ref. 29 should be replaced by ref. 61.
 On page 8349, line 43 (right column), ref. 30 should be replaced by ref. 62.
 On page 8349, line 47 (right column), ref. 31 should be replaced by ref. 63.
 On page 8350, line 53 (left column), ref. 25 should be replaced by ref. 43.
 On page 8351, line 24 (left column), ref. 25 and 32 should be replaced by ref. 43 and 64.
 On page 8351, line 8 (right column), ref. 33 should be replaced by ref. 65.
 The complete reference list is shown below.

References

1. H. M. El-Kaderi, J. R. Hunt, J. L. Mendoza-Cortés, A. P. Côté, R. E. Taylor, M. O'Keeffe and O. M. Yaghi, *Science*, 2007, **316**, 268–272.
2. M. Mastalerz, *Angew. Chem., Int. Ed.*, 2008, **47**, 445–447.
3. A. Corma, *Chem. Rev.*, 1997, **97**, 2373–2420.
4. S. L. James, *Chem. Soc. Rev.*, 2003, **32**, 276–288.
5. A. P. Côté, A. I. Benin, N. W. Ockwig, M. O'Keeffe, A. J. Matzger and O. M. Yaghi, *Science*, 2005, **310**, 1166–1170.
6. H. Furukawa and O. M. Yaghi, *J. Am. Chem. Soc.*, 2009, **131**, 8875–8883.
7. J. L. Mendoza-Cortes, T. A. Pascal and W. A. Goddard, *J. Phys. Chem. A*, 2011, **115**, 13852–13857.
8. S. S. Han, H. Furukawa, O. M. Yaghi and W. A. Goddard, *J. Am. Chem. Soc.*, 2008, **130**, 11580–11581.
9. S.-Y. Ding, J. Gao, Q. Wang, Y. Zhang, W.-G. Song, C.-Y. Su and W. Wang, *J. Am. Chem. Soc.*, 2011, **133**, 19816–19822.
10. C. E. Chan-Thaw, A. Villa, P. Katekomol, D. Su, A. Thomas and L. Prati, *Nano Lett.*, 2010, **10**, 537–541.
11. R. Palkovits, M. Antonietti, P. Kuhn, A. Thomas and F. Schüth, *Angew. Chem., Int. Ed.*, 2009, **48**, 6909–6912.
12. S. B. Kalidindi, H. Oh, M. Hirscher, D. Esken, C. Wiktor, S. Turner, G. Van Tendeloo and R. A. Fischer, *Chem. – Eur. J.*, 2012, **18**, 10848–10856.
13. J. Schmidt, J. Weber, J. D. Epping, M. Antonietti and A. Thomas, *Adv. Mater.*, 2009, **21**, 702–705.
14. W. Lu, D. Yuan, D. Zhao, C. I. Schilling, O. Plietzsch, T. Muller, S. Bräse, J. Guenther, J. Blümel, R. Krishna, Z. Li and H.-C. Zhou, *Chem. Mater.*, 2010, **22**, 5964–5972.
15. J. Chun, S. Kang, N. Park, E. J. Park, X. Jin, K.-D. Kim, H. O. Seo, S. M. Lee, H. J. Kim, W. H. Kwon, Y.-K. Park, J. M. Kim, Y. D. Kim and S. U. Son, *J. Am. Chem. Soc.*, 2014, **136**, 6786–6789.
16. J. Dong, Y. Liu and Y. Cui, *Chem. Commun.*, 2014, **50**, 14949–14952.
17. S.-Y. Moon, H.-R. Mo, M.-K. Ahn, J.-S. Bae, E. Jeon and J.-W. Park, *J. Polym. Sci., Part A: Polym. Chem.*, 2013, **51**, 1758–1766.
18. D. Beaudoin, T. Maris and J. D. Wuest, *Nat. Chem.*, 2013, **5**, 830–834.
19. T. Muller and S. Bräse, *RSC Adv.*, 2014, **4**, 6886–6907.
20. H. Yu, C. Shen, M. Tian, J. Qu and Z. Wang, *Macromolecules*, 2012, **45**, 5140–5150.
21. R. Dawson, A. I. Cooper and D. J. Adams, *Prog. Polym. Sci.*, 2012, **37**, 530–563.
22. D. Yuan, W. Lu, D. Zhao and H.-C. Zhou, *Adv. Mater.*, 2011, **23**, 3723–3725.
23. J. Schmidt, M. Werner and A. Thomas, *Macromolecules*, 2009, **42**, 4426–4429.
24. C. I. Schilling, O. Plietzsch, M. Nieger, T. Muller and S. Bräse, *Eur. J. Org. Chem.*, 2011, **2011**, 1743–1754.
25. Q. Chen, M. Luo, T. Wang, J.-X. Wang, D. Zhou, Y. Han, C.-S. Zhang, C.-G. Yan and B.-H. Han, *Macromolecules*, 2011, **44**, 5573–5577.
26. K. V. Rao, S. Mohapatra, C. Kulkarni, T. K. Maji and S. J. George, *J. Mater. Chem.*, 2011, **21**, 12958–12963.
27. J.-X. Jiang, F. Su, A. Trewin, C. D. Wood, H. Niu, J. T. A. Jones, Y. Z. Khimyak and A. I. Cooper, *J. Am. Chem. Soc.*, 2008, **130**, 7710–7720.
28. R. Dawson, A. Laybourn, R. Clowes, Y. Z. Khimyak, D. J. Adams and A. I. Cooper, *Macromolecules*, 2009, **42**, 8809–8816.



29. T. Ben, H. Ren, S. Ma, D. Cao, J. Lan, X. Jing, W. Wang, J. Xu, F. Deng, J. M. Simmons, S. Qiu and G. Zhu, *Angew. Chem., Int. Ed.*, 2009, **48**, 9457–9460.
30. R. S. Downing, P. J. Kunkeler and H. van Bekkum, *Catal. Today*, 1997, **37**, 121–136.
31. A. M. Tafesh and J. Weiguny, *Chem. Rev.*, 1996, **96**, 2035–2052.
32. V. R. Ruiz, A. Corma and M. J. Sabater, *Tetrahedron*, 2010, **66**, 730–735.
33. A. Corma, P. Serna, P. Concepción and J. J. Calvino, *J. Am. Chem. Soc.*, 2008, **130**, 8748–8753.
34. S. Nishimura, *Handbook of Heterogeneous Catalytic Hydrogenation for Organic Synthesis*, Wiley-Interscience, New York, 2001.
35. M. Hudlicky, *Reductions in Organic Chemistry*, American Chemical Society, Washington, D.C., 1996.
36. R. C. Larock, *Comprehensive Organic Transformations*, Wiley-VCH, New York, 1999.
37. P. N. Rylander, *Hydrogenation Methods*, Academic Press, New York, 1985.
38. M. Takeshita, S. Yoshida and Y. Kohno, *Heterocycles*, 1994, **37**, 10.
39. T. Takahashi, M. Yoshimura, H. Suzuka, T. Maegawa, Y. Sawama, Y. Monguchi and H. Sajiki, *Tetrahedron*, 2012, **68**, 8293–8299.
40. T. Maegawa, T. Takahashi, M. Yoshimura, H. Suzuka, Y. Monguchi and H. Sajiki, *Adv. Synth. Catal.*, 2009, **351**, 2091–2095.
41. H.-U. Blaser, C. Malan, B. Pugin, F. Spindler, H. Steiner and M. Studer, *Adv. Synth. Catal.*, 2003, **345**, 103–151.
42. H.-U. Blaser, H. Steiner and M. Studer, *ChemCatChem*, 2009, **1**, 210–221.
43. T. Ishida, Y. Onuma, K. Kinjo, A. Hamasaki, H. Ohashi, T. Honma, T. Akita, T. Yokoyama, M. Tokunaga and M. Haruta, *Tetrahedron*, 2014, **70**, 6150–6155.
44. H. Li, Q. Zhao and H. Li, *J. Mol. Catal. A: Chem.*, 2008, **285**, 29–35.
45. K. Möbus, D. Wolf, H. Benischke, U. Dittmeier, K. Simon, U. Packruhn, R. Jantke, S. Weidlich, C. Weber and B. Chen, *Top. Catal.*, 2010, **53**, 1126–1131.
46. N. Yao, J. Chen, J. Zhang and J. Zhang, *Catal. Commun.*, 2008, **9**, 1510–1516.
47. T. Szumelda, A. Drelinkiewicz, R. Kosydar and J. Gurgul, *Appl. Catal., A*, 2014, **487**, 1–15.
48. A. Yarulin, C. Berguerand, I. Yuranov, F. Cárdenas-Lizana, I. Prokopyeva and L. Kiwi-Minsker, *J. Catal.*, 2015, **321**, 7–12.
49. M. J. Beier, J.-M. Andanson and A. Baiker, *ACS Catal.*, 2012, **2**, 2587–2595.
50. F. Cárdenas-Lizana and M. Keane, *J. Mater. Sci.*, 2013, **48**, 543–564.
51. E. Sulman, V. Doluda, S. Dzwigaj, E. Marceau, L. Kustov, O. Tkachenko, A. Bykov, V. Matveeva, M. Sulman and N. Lakina, *J. Mol. Catal. A: Chem.*, 2007, **278**, 112–119.
52. F. Cárdenas-Lizana, C. Berguerand, I. Yuranov and L. Kiwi-Minsker, *J. Catal.*, 2013, **301**, 103–111.
53. X. Lu, X. Xu, N. Wang and Q. Zhang, *J. Phys. Chem. A*, 1999, **103**, 10969–10974.
54. S. Yuan, B. Dorney, D. White, S. Kirklin, P. Zapol, L. Yu and D.-J. Liu, *Chem. Commun.*, 2010, **46**, 4547–4549.
55. N. G. Apostol, L. E. Stoflea, G. A. Lungu, C. Chirila, L. Trupina, R. F. Negrea, C. Ghica, L. Pintilie and C. M. Teodorescu, *Appl. Surf. Sci.*, 2013, **273**, 415–425.
56. G. Horvath and K. Kawazoe, *J. Chem. Eng. Jpn.*, 1983, **16**, 470–475.
57. E. P. Barrett, L. G. Joyner and P. P. Halenda, *J. Am. Chem. Soc.*, 1951, **73**, 373–380.
58. A. Karpenko, R. Leppelt, V. Plzak and R. J. Behm, *J. Catal.*, 2007, **252**, 231–242.
59. V. I. Nefedov, Y. V. Salyn, I. I. Moiseev, A. P. Sadvskii, A. S. Berenbljum, A. G. Knizhnik and S. L. Mund, *Inorg. Chim. Acta*, 1979, **35**, L343–L344.
60. J. C. Bertolini, P. Delichere, B. C. Khanra, J. Massardier, C. Noupá and B. Tardy, *Catal. Lett.*, 1990, **6**, 215–223.
61. E. Stockel, X. Wu, A. Trewin, C. D. Wood, R. Clowes, N. L. Campbell, J. T. A. Jones, Y. Z. Khimyak, D. J. Adams and A. I. Cooper, *Chem. Commun.*, 2009, 212–214.
62. Y. Zeng, R. Zou, Y. Zhao, *Adv. Mater.*, 2016, **28**, 2855–2873.
63. C. Shen, H. Yu, Z. Wang, *Chem. Commun.*, 2014, **50**, 11238–11241.
64. S. Furukawa, Y. Yoshida and T. Komatsu, *ACS Catal.*, 2014, **4**, 1441–1450.
65. A. Corma and P. Serna, *Science*, 2006, **313**, 332–334.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

