

1 **Electronic Supplementary Information**

2 **Hydrogen and steam injected tandem μ -reactor GC/FID**
3 **system: Phenol recovery from bisphenol A and**
4 **alkylphenols using Ni/Y zeolite**

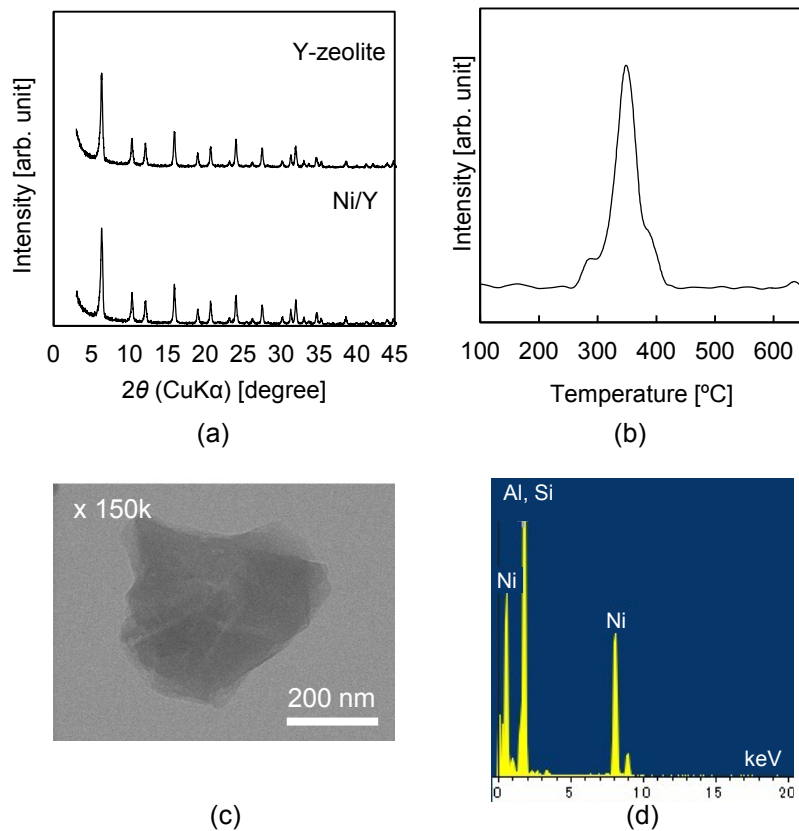
5 *Shogo Kumagai^{a,*}, Masaki Asakawa^a, Tomohito Kameda^a, Yuko Saito^a, Atsushi Watanabe^b, Chuichi*
6 *Watanabe^b, Norio Teramae^{b,c}, Toshiaki Yoshioka^a*

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8 ^a Graduate School of Environmental Studies, Tohoku University, 6-6-07 Aoba, Aramaki-aza, Aoba-ku,
9 Sendai, Miyagi 980-8579, Japan

10 ^b Frontier Laboratories Ltd., 4-16-20, Saikon, Koriyama, Fukushima 963-8862, Japan

11 ^c Department of Chemistry, Graduate School of Science, Tohoku University, Aoba-ku, Sendai, Miyagi
12 980-8578, Japan

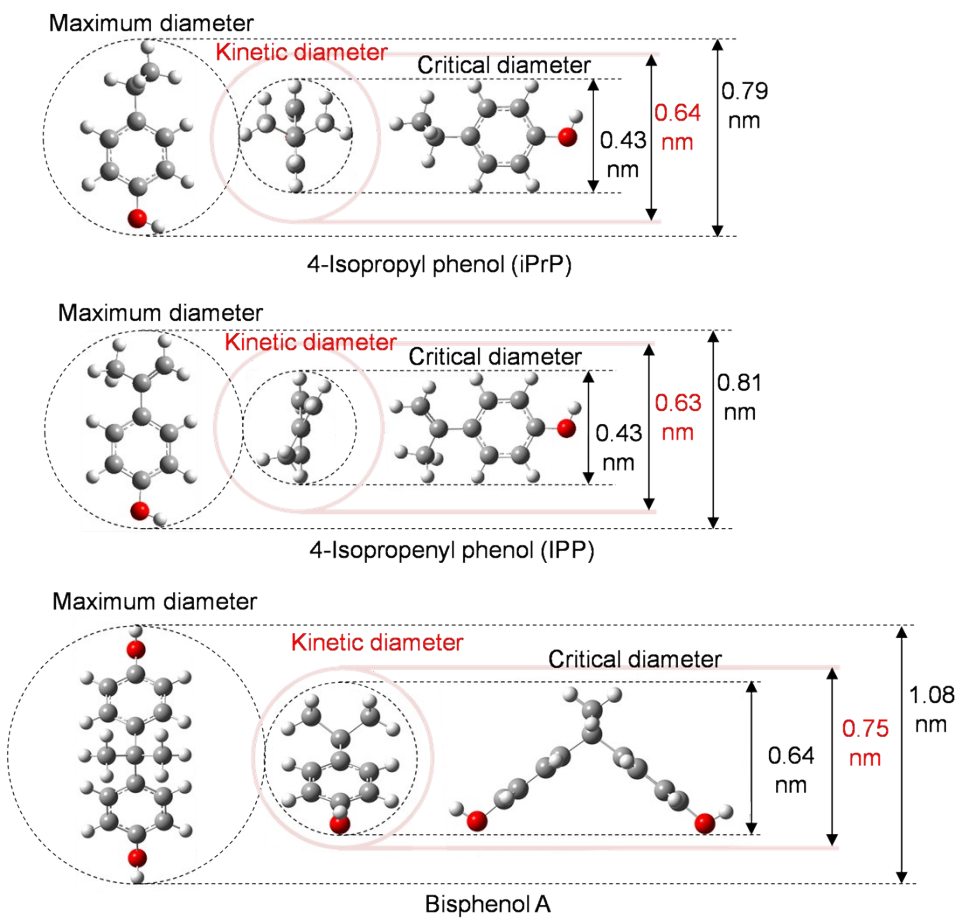
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14 *Corresponding author: kumagai@env.che.tohoku.ac.jp; Tel & Fax: +81-22-795-7212.
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19 Figure S1 Characterisation of the synthesised Ni/Y catalyst: (a) XRD spectrum of Y-zeolite and Ni/Y;
 20 (b) Temperature programmed reduction (TPR) of Ni/Y; (c) TEM image of Ni/Y; and (d) EDX spectrum
 21 of Ni/Y.

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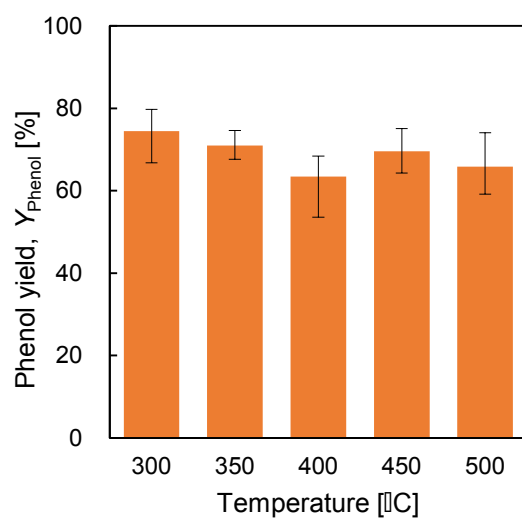


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24 Figure S2 Three-dimensional models and kinetic diameters of the optimised structures of 4-isopropyl
 25 phenol (iPrP),¹ 4-isopropenylphenol (IPP),¹ and bisphenol A (BPA).

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29 Figure S3 Phenol yield via iPrP conversion using Y-zeolite obtained at different temperature of the 2nd
30 μ -reactor.

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32 References

33 1. S. Kumagai, M. Asakawa, T. Kameda, Y. Saito, A. Watanabe, C. Watanabe, N. Teramae and T.
34 Yoshioka, *Scientific Reports*, 2018, **8**, 13994.

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