

経歴書

2022年10月1日現在

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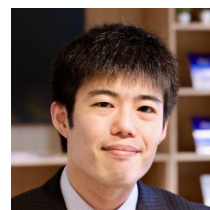
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学歴

2009年3月 広島市立舟入高等学校普通科卒業

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職歴

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2021年6月 令和3年度科学研究費助成事業「2021年度若手研究」(2021年度-2022年度)

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若手研究人材・ネットワーク育成補助金 (ノースタレント補助金)

論文リスト

21. Determination of the Critical Chain Length for Macromolecular Crystallization Using Structurally Flexible Polyketones.

Yuki Ide, Yumehiro Manabe, Yuya Inaba, Yusuke Kinoshita, Jenny Pirillo, Yuh Hijikata*, Tomoki Yoneda, Kilingaru I. Shivakumar, Saki Tanaka, Hitoshi Asakawa, Yasuhide Inokuma*, *Chem. Sci.*, **2022**, *13*, 9848–9854. (Outside front cover, 2022 ChemSci Pick of the Week, 2022 Chemical Science HOT Article, 北大プレスリリース) DOI: [10.1039/d2sc03083g](https://doi.org/10.1039/d2sc03083g)

20. Alkali Metal Ion Binding using Cyclic Polyketones.

Narito Ozawa, Kilingaru I. Shivakumar, Muthuchamy Murugavel, Yuya Inaba, Tomoki Yoneda, Yuki Ide, Jenny Pirillo, Yuh Hijikata, Yasuhide Inokuma*, *Chem. Commun.*, **2022**, *58*, 2971–2974. (Inside front cover and Hot Article)
DOI: [10.1039/d2cc00361a](https://doi.org/10.1039/d2cc00361a)

19. Strain-Induced Ring Expansion Reactions of Calix[3]pyrrole-Related Macrocycles.

Yuya Inaba, Yu Kakibayashi, Yuki Ide, Jenny Pirillo, Yuh Hijikata, Tomoki Yoneda, Yasuhide Inokuma*, *Chem. Eur. J.*, **2022**, *28*, e202200056. (Hot Paper)
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18. An H₂O₂ Molecule Stabilized inside Open-Cage C₆₀ Derivatives by a Hydroxy Stopper.

Guanglin Huang, Shota Hasegawa, Yoshifumi Hashikawa, Yuki Ide, Takashi Hirose, Yasujiro Murata*, *Chem. Eur. J.*, **2022**, *28*, e202103836. (Very Important Paper)
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17. Isopyrazole-Masked Tetraketone: Tautomerism and Functionalization for Fluorescent Metal Ligands.

Hayato Shirakura, Yumehiro Manabe, Chika Kasai, Yuya Inaba, Makoto Tsurui, Yuichi Kitagawa, Yasuchika Hasegawa, Tomoki Yoneda, Yuki Ide, Yasuhide Inokuma*, *Eur. J. Org. Chem.*, **2021**, 4345–4349. DOI: [10.1002/ejoc.202100784](https://doi.org/10.1002/ejoc.202100784)

16. Calix[3]pyrrole: A Missing Link in Porphyrin-Related Chemistry.

Yuya Inaba, Yu Nomata, Yuki Ide, Jenny Pirillo, Yuh Hijikata, Tomoki Yoneda, Atsuhiko Osuka, Jonathan L. Sessler*, Yasuhide Inokuma*, *J. Am. Chem. Soc.*, **2021**, *143*, 12355–12360. (北大プレスリリース) DOI: [10.1021/jacs.1c06331](https://doi.org/10.1021/jacs.1c06331)

15. Reversible Redox System of 2 - Oxypyritriphyrin(1.2.1) Accompanying Interconversion between 3 - Pyridone and 3 - Hydroxypyridine Units.

Su-Gi Chong, Tomoki Yoneda*, Yuki Ide, Saburo Neya*, *Chem. Asian J.*, **2021**, *16*, 1077–1080.
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14. Insoluble π - Conjugated Polyimine as An Organic Adsorbent for Group 10 Metal Ions.

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13. Aliphatic Polyketones as Classic Yet New Molecular Ropes for Structural Diversity in Organic Synthesis.

Yasuhide Inokuma*, Tomoki Yoneda, Yuki Ide, Shota Yoshioka,
Chem. Commun., **2020**, *56*, 9079–9093. (Future Article) DOI: [10.1039/d0cc02977g](https://doi.org/10.1039/d0cc02977g)

12. Singlet Oxygen Generation of Subphthalocyanine-fused Dimer and Trimer.

Rei Fujishiro, Hayato Sonoyama, Yuki Ide, Takuya Fujimura, Ryo Sasai, Nichole E.M. Kaufman, Zehua Zhou, M. Graça H. Vicente, Takahisa Ikeue*,
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11. Coordination-Induced Spin-State Switching of An Aminyl-Radical-Bridged Nickel(II) Porphyrin Dimer between Doublet and Sextet States.

Daiki Shimizu, Yuki Ide, Takahisa Ikeue, Atsuhiko Osuka*,
Angew. Chem. Int. Ed., **2019**, *58*, 5023–5027. DOI: [10.1002/anie.201900792](https://doi.org/10.1002/anie.201900792)

10. Synthesis, Photodynamic Activities, and Cytotoxicity of New Water-soluble Cationic Gallium(III) and Zinc(II) Phthalocyanines.

Rei Fujishiro, Hayato Sonoyama, Yuki Ide, Takuya Fujimura, Ryo Sasai, Atsushi Nagai*, Shigeki Mori, Nichole E.M. Kaufman, Zehua Zhou, M. Graça H. Vicente, Takahisa Ikeue*,
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9. Benzonorcorrole Ni^{II} Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzo-Fusion.

Takuya Yoshida, Kohtaro Takahashi, Yuki Ide, Ryohei Kishi, Jun-ya Fujiyoshi, Sangsu Lee, Yuya Hiraoka, Dongho Kim, Masayoshi Nakano*, Takahisa Ikeue, Hiroko Yamada, Hiroshi Shinokubo*, *Angew. Chem. Int. Ed.*, **2018**, *57*, 2209–2213. DOI: [10.1002/anie.201712961](https://doi.org/10.1002/anie.201712961)

8. Nickel (II) Pyrrocorphin: Enhanced Binding Ability in A Highly Reduced Porphyrin Complexes.

Yuki Ide, Takamitsu Kuwahara, Syo Takeshita, Rei Fujishiro, Masaaki Suzuki, Shigeki Mori, Hiroshi Shinokubo, Mikio Nakamura, Katsumi Yoshino, Takahisa Ikeue*,
J. Inorg. Biochem., **2018**, *178*, 115–124. DOI: [10.1016/j.jinorgbio.2017.10.012](https://doi.org/10.1016/j.jinorgbio.2017.10.012)

7. Crystal Structure of A Six-coordinated [5,10,15,20-Tetrakis(2,4,6-trimethylphenyl) Porphyrinato- k^4N]Iron(III) Complex with Two 3,5-Dimethylpyridine N -Oxides.

Yuki Ide, Haruka Hosoda, Hiroki Ishimae, Shigeki Mori, Takahisa Ikeue*,
X-ray Struct. Anal. Online, **2017**, *33*, 49–51. DOI: [10.2116/xraystruct.33.49](https://doi.org/10.2116/xraystruct.33.49)

6. Crystal Structure of A Six-coordinated (2,3,7,8,12,13,17,18- Octaethyl porphyrinato)Iron(III) Complex with Two 4-Methylpyridine N -Oxides.

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X-ray Struct. Anal. Online, **2017**, *33*, 25–27. DOI: [10.2116/xraystruct.33.25](https://doi.org/10.2116/xraystruct.33.25)

5. Different Antiferromagnetic Coupling between 5,5'- and 10,10'-Linked Iron(III) Corrole Dimers.

Takayuki Tanaka*, Shota Ooi, **Yuki Ide**, Takahisa Ikeue*, Masaaki Suzuki, Peter. P.-Y. Chen, Masashi Takahashi, Atsuhiko Osuka*,
Eur. J. Inorg. Chem., **2017**, *10*, 1374–1381. DOI: [10.1002/ejic.201601363](https://doi.org/10.1002/ejic.201601363)

4. Molecular Structure and Spectroscopic Properties of [2,3,9,10,16,17,23,24- octakis(3-carboxyphenoxy) Phthalocyaninato- k^4N](Pyridine- kN) Zinc(II) Pyridine Octasolvate.

Rei Fujishiro, Hayato Sonoyama, **Yuki Ide**, Shigeki Mori*, Tamotsu Sugimori, Atsushi Nagai, Katsumi Yoshino, Mikio Nakamura, Takahisa Ikeue*,
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3. Spin-crossover between High-spin ($S = 5/2$) and Low-spin ($S = 1/2$) States in Six-coordinate Iron(III) Porphyrin Complexes having Two Pyridine- N Oxide Derivatives.

Yuki Ide, Nami Murai, Hiroki Ishimae, Masaaki Suzuki, Shigeki Mori*, Masashi Takahashi*, Mikio Nakamura*, Katsumi Yoshino, Takahisa Ikeue*,
Dalton Trans., **2017**, *46*, 242–249. DOI: [10.1039/c6dt03859j](https://doi.org/10.1039/c6dt03859j)

2. Preparation, Structure, and Dynamic and Electrochemical Behaviors of Dinuclear Rhodium(I) Complexes with Bridging Formamidinato Ligands.

Yuki Ide, Takahisa Ikeue*, Yusuke Kataoka, Ryoko Inoue, Mikio Nakamura*, Daisuke Yoshioka, Masahiro Mikuriya, Tatsuya Kawamoto, Makoto Handa*,
J. Organomet. Chem., **2016**, *803*, 92–103. DOI: [10.1016/j.jorganchem.2015.12.018](https://doi.org/10.1016/j.jorganchem.2015.12.018)

1. Synthesis, Structures, and Properties of Lantern-type Dinuclear Ruthenium(II,III) Complexes cis -[$Ru_2\{3,5-(CF_3)_2-pf\}_2(O_2CMe)_2Cl$] and $[Ru_2\{3,5-(CF_3)_2-pf\}_3(O_2CMe)Cl]$, 3,5-(CF_3) $_2$ - $pf = N,N'$ -bis[3,5-bis(trifluoromethyl)phenyl] Formamidinate Anion.

Yasuko Harada, Takahisa Ikeue*, **Yuki Ide**, Yuko Kimura, Ichiro Hiromitsu, Daisuke Yoshioka, Masahiro Mikuriya*, Yusuke Kataoka*, Makoto Handa*,
Inorg. Chim. Acta, **2015**, *424*, 186–193. DOI: [10.1016/j.ica.2014.07.076](https://doi.org/10.1016/j.ica.2014.07.076)

雑誌寄稿リスト

1. ポルフィリノイド化合物の物性解析および PDT への応用

井手 雄紀

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