

# Natsumi Yano

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

211  
citations

1163117

8  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

212  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Specific Coordination between Zr-MOF and Phosphate-Terminated DNA Coupled with Strand Displacement for the Construction of Reusable and Ultrasensitive Aptasensor. <i>Analytical Chemistry</i> , 2020, 92, 11332-11340.  | 6.5 | 58        |
| 2  | Isolation of a Tetranuclear Intermediate Complex in the Synthesis of Paddlewheel-Type Dirhodium Tetraacetate. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5650-5655.  | 2.0 | 16        |
| 3  | Experimental and Theoretical Study of Photochemical Hydrogen Evolution Catalyzed by Paddlewheel-Type Dirhodium Complexes with Electron Withdrawing Carboxylate Ligands. <i>ChemCatChem</i> , 2019, 11, 6218-6226.  | 3.7 | 16        |
| 4  | Intrinsic hydrogen evolution capability and a theoretically supported reaction mechanism of a paddlewheel-type dirhodium complex. <i>Dalton Transactions</i> , 2019, 48, 7302-7312.  | 3.3 | 16        |
| 5  | Paddlewheel-Type Dirhodium Tetrapivalate Based Coordination Polymer: Synthesis, Characterization, and Self-Assembly and Disassembly Transformation Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2810-2815.   | 2.0 | 15        |
| 6  | Synthesis, Characterization, Absorption Properties, and Electronic Structures of Paddlewheel-Type Dirhodium(II) Tetra- $\mu_4$ -( <i>n</i> -naphthoate) Complexes: An Experimental and Theoretical Study. <i>Molecules</i> , 2019, 24, 447.  | 3.8 | 12        |
| 7  | Flexible flower-like MOF of Cu <sub>2</sub> (trans-1,4-cyclohexanedicarboxylic acid) <sub>2</sub> as the electroactive matrix material for label-free and highly sensitive sensing of thrombin. <i>Electrochimica Acta</i> , 2020, 353, 136611.  | 5.2 | 10        |
| 8  | A New Paddlewheel-Type Dirhodium-Based Metal-Organic Framework with Deprotonated 2,6-Bis(2-benzimidazolyl)pyridine. <i>ChemistrySelect</i> , 2016, 1, 2571-2575.   | 1.5 | 8         |
| 9  | New luminescent cyclometalated iridium complexes prepared by the post-synthetic modification. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 345-355.   | 3.9 | 8         |
| 10 | Photocatalytic Hydrogen Evolution over Exfoliated Rh-Doped Titanate Nanosheets. <i>ACS Omega</i> , 2020, 5, 9929-9936.   | 3.5 | 8         |
| 11 | Synthesis, structure, and properties of a lantern-type dinuclear rhodium(II) complex <i>cis</i> -[Rh <sub>2</sub> (4-Me-pf) <sub>2</sub> (O <sub>2</sub> CCMe <sub>3</sub> ) <sub>2</sub> ], 4-Me-pf <sup>2-</sup> = $\text{N,N}^{\text{-di-p-tolylformamidinate anion}}$ . <i>Chemical Papers</i> , 2018, 72, 2, 841-851. |     | 7         |
| 12 | Experimental and theoretical study of dimer-of-dimers-type tetrarhodium(ii) complexes bridged by 1,4-benzenedicarboxylate linkers. <i>Dalton Transactions</i> , 2018, 47, 17233-17242.   | 3.3 | 6         |
| 13 | Unique vapo-chromism of a paddlewheel-type dirhodium complex accompanied by dynamic structural and phase transitions. <i>Dalton Transactions</i> , 2020, 49, 14373-14377.  | 3.3 | 6         |
| 14 | Coordination-Induced Self-Assembly of a Heteroleptic Paddlewheel-Type Dirhodium Complex. <i>Crystals</i> , 2020, 10, 85.   | 2.2 | 5         |
| 15 | Magnetic and Electrochemical Properties of Lantern-Type Dinuclear Ru(II,III) Complexes with Axial Chloride Ions or Water Molecules. <i>Magnetochemistry</i> , 2019, 5, 18.   | 2.4 | 4         |
| 16 | Synthesis and properties of a trinuclear copper(II) complex of a ligand with phthalocyanine and Schiff-base coordination sites. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 95-101.   | 0.8 | 3         |
| 17 | Paddlewheel-type diruthenium( $\text{III}$ , $\text{III}$ ) tetrakis(2-aminopyridinate) complexes with NIR absorption features: combined experimental and theoretical study. <i>Dalton Transactions</i> , 2019, 48, 12421-12429.   | 3.3 | 3         |
| 18 | Synthesis, Structure and Magnetic and Electrochemical Properties of Tetrakis(benzamidato)diruthenium(II,III) Tetrafluoroborate. <i>Magnetochemistry</i> , 2018, 4, 21.   | 2.4 | 2         |

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|----|---|-----|-----------|
| 19 | Photophysical properties and photosensitizing abilities for hydrogen evolution reactions of robust cyclometalated iridium(III) complexes with 5,5'-bis(trifluoromethyl)-2,2'-bipyridine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112716.                        | 3.9 | 2         |
| 20 | Structures and Properties of 4-phpy, pyz, and 4,4'-bpy Adducts of Lantern-Type Dirhodium Complexes with $\mu$ -Formamidinato and $\mu$ -Carboxylato Bridges. <i>Magnetochemistry</i> , 2021, 7, 39.   | 2.4 | 2         |
| 21 | Redox-triggered reversible modulation of intense near-infrared and visible absorption using a paddlewheel-type diruthenium( $\mu$ ) complex. <i>Dalton Transactions</i> , 2021, 50, 9547-9553.  | 3.3 | 2         |
| 22 | One-Dimensional Chain-Type Dicopper Coordination Polymer Linked by 1,4-Di(4-pyridyl)benzene; Synthesis, Crystal Structure, Magnetic Property, and Gas-Adsorption Property. <i>Magnetochemistry</i> , 2018, 4, 26.   | 2.4 | 1         |
| 23 | Crystal Structure of a Lantern-type Dirhodium(II) Complex with Axial Pyridine Molecules $\text{cis-[Rh}_2\text{(4-Me-pf)}_2\text{(O)}_2\text{CCMe}_3\text{)}_2\text{(py)}_2$ , 4-Me-pf <sup>+</sup> = N,N'-Di-p-tolylformamidinate Anion. <i>X-ray Structure Analysis Online</i> , 2021, 37, 69-71. | 0.2 | 1         |
| 24 | A Polymer Chain Compound of $[\text{Rh}_2(\mu_2\text{-pfp})_2(\mu_2\text{-O})_2\text{CCMe}_3]_n$ (4-Me-pf <sup>+</sup> = N,N'-Di-p-tolylformamidinate Anion; ) <i>Tj ETQq0 0 0 fgBT /Over</i>   | 0.5 | 0         |
| 25 | Clamshell Palladium(II) Complexes: Suitable Precursors for Photocatalytic Hydrogen Production from Water. <i>European Journal of Inorganic Chemistry</i> , 0, , .   | 2.0 | 0         |