

# Junhao Wang

## List of Publications by Year in descending order

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papers

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docs citations

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times ranked

629  
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#	ARTICLE	IF	CITATIONS
1	Holmium( <sup>iii</sup> ) molecular nanomagnets for optical thermometry exploring the luminescence re-absorption effect. <i>Chemical Science</i> , 2021, 12, 730-741.	3.7	46
2	SHG-active NIR-emissive molecular nanomagnets generated in layered neodymium( <sup>iii</sup> ) octacyanidometallate( <sup>iv</sup> ) frameworks. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10705-10717.	2.7	15
3	Near-Infrared Emissive Cyanido-Bridged {YbFe <sub>2</sub> } Molecular Nanomagnets Sensitive to the Nitrile Solvents of Crystallization. <i>Magnetochemistry</i> , 2021, 7, 79.	1.0	7
4	Tunable magnetic anisotropy in luminescent cyanido-bridged {Dy <sub>2</sub> Pt <sub>3</sub> } molecules incorporating heteroligand Pt <sup>IV</sup> linkers. <i>Dalton Transactions</i> , 2021, 50, 16242-16253.	1.6	5
5	Octacyanidorhenate(V) Ion as an Efficient Linker for Hysteretic Two-Step Iron(II) Spin Crossover Switchable by Temperature, Light, and Pressure. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15741-15749.	7.2	71
6	Octacyanidorhenate(V) Ion as an Efficient Linker for Hysteretic Two-Step Iron(II) Spin Crossover Switchable by Temperature, Light, and Pressure. <i>Angewandte Chemie</i> , 2020, 132, 15871-15879.	1.6	8
7	Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive {YbCo <sub>2</sub> } Molecular Nanomagnets. <i>Journal of the American Chemical Society</i> , 2020, 142, 3970-3979.	6.6	106
8	Dehydration-Hydration Switching of Single-Molecule Magnet Behavior and Visible Photoluminescence in a Cyanido-Bridged Dy <sup>III</sup> Co <sup>III</sup> Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 18211-18220.	6.6	93
9	Achieving white light emission and increased magnetic anisotropy by transition metal substitution in functional materials based on dinuclear Dy <sup>III</sup> (4-pyridone)[M <sup>III</sup> (CN) <sub>6</sub> ] <sup>3+</sup> (M = Co, Rh) molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 473-481.	2.7	44
10	Incorporation of hexacyanidoferrate( <sup>iii</sup> ) ion in photoluminescent trimetallic Eu(3-pyridone)[Co <sub>x</sub> Fe <sub>x</sub> (CN) <sub>6</sub> ] chains exhibiting tunable visible light absorption and emission properties. <i>CrystEngComm</i> , 2018, 20, 5695-5706.	1.3	13
11	Hybrid organic-inorganic connectivity of Nd <sup>III</sup> (pyrazine- <i>N,N</i> -dioxide)[Co <sup>III</sup> (CN) <sub>6</sub> ] <sup>3+</sup> coordination chains for creating near-infrared emissive Nd( <sup>iii</sup> ) showing field-induced slow magnetic relaxation. <i>Dalton Transactions</i> , 2018, 47, 7870-7874.	1.6	22
12	Octahedral Yb( <sup>iii</sup> ) complexes embedded in [Co <sup>III</sup> (CN) <sub>6</sub> ]-bridged coordination chains: combining sensitized near-infrared fluorescence with slow magnetic relaxation. <i>Dalton Transactions</i> , 2017, 46, 13668-13672.	1.6	37
13	Yellow to greenish-blue colour-tunable photoluminescence and 4f-centered slow magnetic relaxation in a cyanido-bridged Dy <sup>III</sup> (4-hydroxypyridine)Co <sup>III</sup> layered material. <i>Chemical Communications</i> , 2016, 52, 10795-10798.	2.2	58