

Ryo Nakanishi

List of Publications by Year in descending order

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papers

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759233

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1063
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#	ARTICLE	IF	CITATIONS
1	Nanohybridization of Polyoxometalate Clusters and Single-Wall Carbon Nanotubes: Applications in Molecular Cluster Batteries. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3471-3474.	13.8	208
2	DySc ₂ N@C ₈₀ Single-Molecule Magnetic Metallofullerene Encapsulated in a Single-Walled Carbon Nanotube. <i>Journal of the American Chemical Society</i> , 2018, 140, 10955-10959.	13.7	60
3	Thin single-wall BN-nanotubes formed inside carbon nanotubes. <i>Scientific Reports</i> , 2013, 3, 1385.	3.3	58
4	Low coordinated mononuclear erbium(ⁱⁱⁱ) single-molecule magnets with <i>C</i> _{3v} symmetry: a method for altering single-molecule magnet properties by incorporating hard and soft donors. <i>Dalton Transactions</i> , 2018, 47, 302-305.	3.3	40
5	Templating rare-earth hybridization via ultrahigh vacuum annealing of ErCl ₃ nanowires inside carbon nanotubes. <i>Physical Review B</i> , 2011, 83, .	3.2	29
6	Electronic structure of Eu atomic wires encapsulated inside single-wall carbon nanotubes. <i>Physical Review B</i> , 2012, 86, .	3.2	29
7	Dysprosium Acetylacetonato Single-Molecule Magnet Encapsulated in Carbon Nanotubes. <i>Materials</i> , 2017, 10, 7.	2.9	24
8	Field-Induced Single-Ion Magnetism Based on Spin-Phonon Relaxation in a Distorted Octahedral High-Spin Cobalt(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3233-3239.	2.0	20
9	Detailed Analysis of the Crystal Structures and Magnetic Properties of a Dysprosium(III) Phthalocyaninato Sextuple-Decker Complex: Weak f-f Interactions Suppress Magnetic Relaxation. <i>Chemistry - A European Journal</i> , 2019, 25, 3098-3104.	3.3	20
10	Core-Level Spectroscopy to Probe the Oxidation State of Single Europium Atoms. <i>Physical Review Letters</i> , 2015, 114, 197602.	7.8	12
11	Single atom spectroscopy: Decreased scattering delocalization at high energy losses, effects of atomic movement and X-ray fluorescence yield. <i>Ultramicroscopy</i> , 2016, 160, 239-246.	1.9	12
12	Terbium(ⁱⁱⁱ) bis-phthalocyaninato single-molecule magnet encapsulated in a single-walled carbon nanotube. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10697-10704.	5.5	9
13	Cocrystals of Li ⁺ encapsulated fullerenes and Tb(ⁱⁱⁱ) double-decker single molecule magnet in a quasi-kagome lattice. <i>Chemical Communications</i> , 2020, 56, 12785-12788.	4.1	4
14	Metal-Organic Framework of Lanthanoid Dinuclear Clusters Undergoes Slow Magnetic Relaxation. <i>Materials</i> , 2017, 10, 81.	2.9	3
15	Field-Induced Single-Ion Magnetism Based on Spin-Phonon Relaxation in a Distorted Octahedral High-Spin Cobalt(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3220-3220.	2.0	2
16	Comparison between DySc ₂ N@C ₈₀ and Dy ₂ ScN@C ₈₀ single-molecule magnetic metallofullerenes encapsulated in single-wall carbon nanotubes. <i>Dalton Transactions</i> , 2022, , .	3.3	2
17	Interdigitated Pt-Br chains with π -stacking: an approach toward Robin-Day class I mixed valency in MX-chain complexes. <i>Dalton Transactions</i> , 2021, 50, 14125-14129.	3.3	1