

Huayna Ht Terraschke

List of Publications by Year in descending order

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46
papers

1,008
citations

516710

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434195

31
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50
all docs

50
docs citations

50
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallisation of phosphates revisited: a multi-step formation process for SrHPO ₄ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 263-272.	0.7	3
2	Superior Sodium Storage Properties in the Anode Material NiCr ₂ S ₄ for Sodium-Ion Batteries: An X-ray Diffraction, Pair Distribution Function, and X-ray Absorption Study Reveals a Conversion Mechanism via Nickel Extrusion. Advanced Materials, 2021, 33, e2101576.	21.0	25
3	Formation of Bi ₂ Ir nanoparticles in a microwave-assisted polyol process revealing the suboxide Bi ₄ Ir ₂ O. Dalton Transactions, 2021, 50, 17665-17674.	3.3	7
4	Reinvestigation of Barium-Gold(I)-Tetra-Thiostannate(IV), Ba[Au ₂ Sn ₄], with Short Au ^I -Au ^I Separation Showing Luminescence Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1716-1721.	1.2	5
5	[Mn(terpy)Sb ₂ S ₄] _n , a 1D Network of MnSb ₄ S ₅ Rings Exhibiting a Pronounced Magnetocaloric Effect and Luminescence. European Journal of Inorganic Chemistry, 2020, 2020, 1751-1758.	2.0	5
6	Scandium Metal-Organic Frameworks Containing Tetracarboxylate Linker Molecules: Synthesis, Structural Relationships, and Properties. Crystal Growth and Design, 2020, 20, 4686-4694.	3.0	18
7	Synthesis, Structures, Thermal and Luminescence Properties of Zn and Cd Halide Coordination Polymers with 2-Cyanopyrazine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1046-1054.	1.2	1
8	A Scandium MOF with an Unprecedented Inorganic Building Unit, Delimiting the Micropore Windows. Inorganic Chemistry, 2020, 59, 8995-9004.	4.0	11
9	Trendbericht Festkörperrperchemie. Nachrichten Aus Der Chemie, 2020, 68, 34-44.	0.0	0
10	Synthesis and Characterization of a Layered Scandium MOF Containing a Sulfone-Functionalized V-shaped Linker Molecule. European Journal of Inorganic Chemistry, 2020, 2020, 1147-1152.	2.0	7
11	Magnetism and Afterglow United: Synthesis of Novel Double Core-Shell Eu ²⁺ -Doped Bifunctional Nanoparticles. Chemistry - A European Journal, 2020, 26, 6833-6838.	3.3	10
12	A Coordination Polymer based on Interconnection of Thioantimonate(III) and [Mn(terpy)] ²⁺ Complexes: Synthesis, Crystal Structure, and Properties of {[Mn(terpy)] ₂ Sb ₄ S ₈ ·0.5H ₂ O} _n . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 849-855.	1.2	4
13	New Scandium-containing Coordination Polymers with Linear Linker Molecules: Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2020, 2020, 2737-2743.	2.0	5
14	Water-based Synthesis and Properties of a Scandium 1,4-Naphthalenedicarboxylate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1373-1379.	1.2	5
15	New insights into the crystallization of polymorphic materials: from real-time serial crystallography to luminescence analysis. Reaction Chemistry and Engineering, 2019, 4, 1757-1767.	3.7	8
16	Real-time Probing the Formation of [M(2,2'-bipyridine) ₂ (NO ₃) ₃] (M = Ce, La, Tb) Complexes and Influence of Synthesis Parameters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 537-543.	1.2	4
17	Monitoring the solvation process and stability of Eu ²⁺ in an ionic liquid by in situ luminescence analysis. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 147-152.	0.7	5
18	Facile Ionic Liquid-Assisted Strategy for Direct Precipitation of Eu ²⁺ -Activated Nanophosphors under Ambient Conditions. Small, 2018, 14, e1703707.	10.0	16

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19	Cd(II) and Zn(II) thiocyanate coordination compounds with 3-ethylpyridine: synthesis, crystal structures and properties. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 115-123.	0.7	3
20	From ligand exchange to reaction intermediates: what does really happen during the synthesis of emissive complexes?. Physical Chemistry Chemical Physics, 2018, 20, 7428-7437.	2.8	16
21	White Light Emitting Diodes: Facile Ionic Liquid-Assisted Strategy for Direct Precipitation of Eu ²⁺ -Activated Nanophosphors under Ambient Conditions (Small 17/2018). Small, 2018, 14, 1870076.	10.0	1
22	Luminescent Zn(NCS) ₂ and Cd(NCS) ₂ coordination compounds with pyridine derivatives: Synthesis, structures and physical properties. Inorganica Chimica Acta, 2018, 478, 15-24.	2.4	14
23	<i>In situ</i> monitoring metal-ligand exchange processes by optical spectroscopy and X-ray diffraction analysis: a review. Reviews in Analytical Chemistry, 2018, 37, .	3.2	16
24	Synthesis of M-UiO-66 (M = Zr, Ce or Hf) employing 2,5-pyridinedicarboxylic acid as a linker: defect chemistry, framework hydrophilisation and sorption properties. Dalton Transactions, 2018, 47, 1062-1070.	3.3	84
25	Luminescence tuning and single-phase white light emitters based on rare earth ions doped into a bismuth coordination network. Journal of Materials Chemistry C, 2018, 6, 12668-12678.	5.5	17
26	In situ Monitoring of the Formation of [Bis(acetylacetonato)manganese(II)] Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1902-1907.	1.2	7
27	Bismuth Coordination Polymers with 2,4,6-Pyridine Tricarboxylic Acid: High-Throughput Investigations, Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2018, 2018, 3232-3240.	2.0	12
28	Synthesis, crystal structures, thermal, magnetic and luminescence properties of Mn(II) and Cd(II) thiocyanate coordination compounds with 4-(Boc-amino)pyridine as co-ligand. Inorganica Chimica Acta, 2017, 461, 290-297.	2.4	15
29	In situ luminescence analysis: a new light on monitoring calcium phosphate phase transitions. Inorganic Chemistry Frontiers, 2017, 4, 1157-1165.	6.0	19
30	CdX ₂ Coordination Polymers with 2-Chloropyrazine and 2-Methylpyrazine: Similar Ligands – Similar Structures – Different Reactivity. European Journal of Inorganic Chemistry, 2017, 2017, 1245-1255.	2.0	14
31	Synthesis, Crystal Structures, and Properties of M(NCS) ₂ -aminomethylpyridine Coordination Compounds (M = Cd, Zn). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1904-1912.	1.2	12
32	Synthesis, Structures, and Physical Properties of Thiocyanate Coordination Compounds with 3-Hydroxymethylpyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1497-1507.	1.2	5
33	Monitoring the mechanism of formation of [Ce(1,10-phenanthroline) ₂ (NO ₃) ₃] ₃ by <i>in situ</i> luminescence analysis of 5d ¹ -4f electronic transitions. RSC Advances, 2017, 7, 52794-52800.	3.6	10
34	In Situ Studies on Phase Transitions of Tris(acetylacetonato)-Aluminum(III) Al(acac) ₃ . Crystals, 2016, 6, 157.	2.2	19
35	Synthesis and structure of Zr(^{iv})- and Ce(^{iv})-based CAU-24 with 1,2,4,5-tetrakis(4-carboxyphenyl)benzene. Dalton Transactions, 2016, 45, 18822-18826.	3.3	76
36	Development of a new <i>in situ</i> analysis technique applying luminescence of local coordination sensors: principle and application for monitoring metal-ligand exchange processes. Analyst, The, 2016, 141, 2588-2594.	3.5	21

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37	SrAl ₂ O ₄ :Eu ²⁺ (Dy ³⁺) Nanosized Particles: Synthesis and Interpretation of Temperature-Dependent Optical Properties. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-12.	1.3	28
38	UV, Blue, Green, Yellow, Red, and Small: Newest Developments on Eu ²⁺ -Doped Nanophosphors. <i>Chemical Reviews</i> , 2015, 115, 11352-11378.	47.7	260
39	Synthesis, structure and luminescence properties of a cadmium(II)-based coordination polymer with (S)-4,4'-bis(4-carboxyphenyl)-2,2'-bis(diphenylphosphinoyl)-1,1'-binaphthyl as chiral linker. <i>Dalton Transactions</i> , 2014, 43, 8188-8195.	3.3	26
40	A chiral two-dimensional coordination polymer based on Cu II and (S)-4,4'-bis(4-carboxyphenyl)-2,2'-bis(diphenylphosphinoyl)-1,1'-binaphthyl as chiral magnetic and optical properties. <i>Inorganica Chimica Acta</i> , 2014, 421, 392-398.	2.4	28
41	Unusual photoluminescence properties of the 3D mixed-lanthanide-organic frameworks induced by dimeric structures: a theoretical and experimental approach. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14858-14866.	2.8	29
42	Synthesis, Structure and Luminescence Properties of a Three-Dimensional Heterobimetallic Chiral Metal-Organic Framework Based on Sodium(I), Lead(II) and (S)-4,4'-bis(4-carboxyphenyl)-2,2'-bis(diphenylphosphinoyl)-1,1'-binaphthyl as Linker. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1775-1782.	2.0	18
43	Syntheses, structures and luminescence properties of novel metal-organic frameworks based on zinc(II), cadmium(II) or lead(II) and a 2,2'-dimethoxy-functionalised biphenyl linker. <i>CrystEngComm</i> , 2013, 15, 3874.	2.6	25
44	Red, Green, and Blue Photoluminescence of Ba ₂ SiO ₄ :M (M = Eu ³⁺ , Eu ²⁺ , Sr ²⁺) Nanophosphors. <i>Materials</i> , 2013, 6, 3079-3093.	2.9	34
45	Surface-Anchored MOF-Based Photonic Antennae. <i>ChemPhysChem</i> , 2012, 13, 2699-2702.	2.1	60
46	Photoluminescent Investigation of the Doping Site of Eu ³⁺ -Doped [Zn ₃ (BTC) ₂ ·12H ₂ O] Metal-Organic Framework Prepared by Microwave-Assisted Hydrothermal Synthesis. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0