Huayna Ht Terraschke

List of Publications by Year
in descending order

46 papers	1,008 citations	516710 16 h-index	434195 31 g-index
50 all docs	50 docs citations	50 times ranked	1525 citing authors

#	Article	IF	Citations
1	UV, Blue, Green, Yellow, Red, and Small: Newest Developments on Eu²⁺-Doped Nanophosphors. Chemical Reviews, 2015, 115, 11352-11378.	47.7	260
2	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
3	Synthesis and structure of Zr(<scp>iv</scp>)- and Ce(<scp>iv</scp>)-based CAU-24 with 1,2,4,5-tetrakis(4-carboxyphenyl)benzene. Dalton Transactions, 2016, 45, 18822-18826.	3.3	76
4	Surfaceâ€Anchored MOFâ€Based Photonic Antennae. ChemPhysChem, 2012, 13, 2699-2702.	2.1	60
5	Red, Green, and Blue Photoluminescence of Ba2SiO4:M (M = Eu3+, Eu2+, Sr2+) Nanophosphors. Materials, 2013, 6, 3079-3093.	2.9	34
6	Unusual photoluminescence properties of the 3D mixed-lanthanideâ€“organic frameworks induced by dimeric structures: a theoretical and experimental approach. Physical Chemistry Chemical Physics, 2014, 16, 14858-14866.	2.8	29
7	A chiral two-dimensional coordination polymer based on Cu II and (S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td ()-4,4â€²-bi magnetic and optical properties. Inorganica Chimica Acta, 2014, 421, 392-398.	2.4	28
8	SrAl₂O₄:Eu²⁺(,Dy³⁺) Nanosized Particles: Synthesis and Interpretation of Temperature-Dependent Optical Properties. Journal of Spectroscopy, 2015, 2015, 1-12.	1.3	28
9	Synthesis, structure and luminescence properties of a cadmium(<scp>ii</scp>)-based coordination polymer with (S)-4,4â€²-bis(4-carboxyphenyl)-2,2â€²-bis(diphenylphosphinoyl)-1,1â€²-binaphthyl as chiral linker. Dalton Transactions, 2014, 43, 8188-8195.	3.3	26
10	Syntheses, structures and luminescence properties of novel metalâ€“organic frameworks based on zinc(ii), cadmium(ii) or lead(ii) and a 2,2â€²-dimethoxy-functionalised biphenyl linker. CrystEngComm, 2013, 15, 3874.	2.6	25
11	Superior Sodium Storage Properties in the Anode Material NiCr₂S₄ for Sodiumâ€Ion Batteries: An Xâ€ray Diffraction, Pair Distribution Function, and Xâ€ray Absorption Study Reveals a Conversion Mechanism via Nickel Extrusion. Advanced Materials, 2021, 33, e2101576.	21.0	25
12	Development of a new in situ 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
13	In Situ Studies on Phase Transitions of Tris(acetylacetonato)-Aluminum(III) Al(acac)3. Crystals, 2016, 6, 157.	2.2	19
14	In situ luminescence analysis: a new light on monitoring calcium phosphate phase transitions. Inorganic Chemistry Frontiers, 2017, 4, 1157-1165.	6.0	19
15	Synthesis, Structure and Luminescence Properties of a Threeâ€Dimensional Heterobimetallic Chiral Metalâ€“Organic Framework Based on Sodium(I), Lead(II) and (S)â€5,5â€²â€Bis(4â€carboxyphenyl)â€2,2â€²â€bis(diphenylphosphinoyl)â€1,1â€²â€binaphthyl as Linker. European Journal of Inorganic Chemistry, 2014, 2014, 1775-1782.	2.0	18
16	Scandium Metalâ€“Organic Frameworks Containing Tetracarboxylate Linker Molecules: Synthesis, Structural Relationships, and Properties. Crystal Growth and Design, 2020, 20, 4686-4694.	3.0	18
17	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
18	Facile Ionic Liquidâ€Assisted Strategy for Direct Precipitation of Eu²⁺â€Activated Nanophosphors under Ambient Conditions. Small, 2018, 14, e1703707.	10.0	16

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19	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
20	In situ monitoring metal-ligand exchange processes by optical spectroscopy and X-ray diffraction analysis: a review. Reviews in Analytical Chemistry, 2018, 37, .	3.2	16
21	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
22	CdX₂ Coordination Polymers with 2â€Chloropyrazine and 2â€Methylpyrazine: Similar Ligands â€“ Similar Structures â€“ Different Reactivity. European Journal of Inorganic Chemistry, 2017, 2017, 1245-1255.	2.0	14
23	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
24	Synthesis, Crystal Structures, and Properties of M(NCS)₂â€3â€aminomethylpyridine Coordination Compounds (M = Cd, Zn). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1904-1912.	1.2	12
25	Bismuth Coordination Polymers with 2,4,6â€Pyridine Tricarboxylic Acid: Highâ€Throughput Investigations, Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2018, 2018, 3232-3240.	2.0	12
26	A Scandium MOF with an Unprecedented Inorganic Building Unit, Delimiting the Micropore Windows. Inorganic Chemistry, 2020, 59, 8995-9004.	4.0	11
27	Monitoring the mechanism of formation of [Ce(1,10-phenanthroline)₂(NO₃)₃] by in situ luminescence analysis of 5dâ€“4f electronic transitions. RSC Advances, 2017, 7, 52794-52800.	3.6	10
28	Magnetism and Afterglow United: Synthesis of Novel Double Coreâ€“Shell Eu²⁺â€Doped Bifunctional Nanoparticles. Chemistry - A European Journal, 2020, 26, 6833-6838.	3.3	10
29	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
30	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
31	Synthesis and Characterization of a Layered Scandium MOF Containing a Sulfoneâ€Functionalized Vâ€Shaped Linker Molecule. European Journal of Inorganic Chemistry, 2020, 2020, 1147-1152.	2.0	7
32	Formation of Bi₂Ir nanoparticles in a microwave-assisted polyol process revealing the suboxide Bi₄Ir₂O. Dalton Transactions, 2021, 50, 17665-17674.	3.3	7
33	Synthesis, Structures, and Physical Properties of Thiocyanate Coordination Compounds with 3â€Hydroxymethylpyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1497-1507.	1.2	5
34	Monitoring the solvation process and stability of Eu²⁺ 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
35	Reâ€investigation of Bariumâ€Gold(I)â€Tetraâ€Thiostannate(IV), Ba[Au₂SnS₄], with Short Au^IÂ·Â·Au^I Separation Showing Luminescence Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1716-1721.	1.2	5
36	[Mn(terpy)Sb₂S₄]_n, a 1D Network of MnSb₄S₅ Rings Exhibiting a Pronounced Magnetocaloric Effect and Luminescence. European Journal of Inorganic Chemistry, 2020, 2020, 1751-1758.	2.0	5

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37	New Scandiumâ€containing Coordination Polymers with Linear Linker Molecules: Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2020, 2020, 2737-2743.	2.0	5
38	Waterâ€based Synthesis and Properties of a Scandium 1,4â€Naphthalenedicarboxylate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1373-1379.	1.2	5
39	Realâ€time Probing the Formation of [M(2,2â€bipyridine)₂(NO₃)₃] (M = Ce, La, Tb) Complexes and Influence of Synthesis Parameters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 537-543.	1.2	4
40	A Coordination Polymer based on Interconnection of Thioantimonate(III) and [Mn(terpy)]²⁺ Complexes: Synthesis, Crystal Structure, and Properties of {[(Mn(terpy))₂Sb₄S₈]Â·0.5H₂O}_n. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 849-855.	1.2	4
41	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
42	Crystallisation of phosphates revisited: aÂmulti-step formation process for SrHPO₄. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 263-272.	0.7	3
43	White Light Emitting Diodes: Facile Ionic Liquidâ€Assisted Strategy for Direct Precipitation of Eu²⁺â€Activated Nanophosphors under Ambient Conditions (Small 17/2018). Small, 2018, 14, 1870076.	10.0	1
44	Synthesis, Structures, Thermal and Luminescence Properties of Zn and Cd Halide Coordination Polymers with 2â€Cyanopyrazine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1046-1054.	1.2	1
45	Trendbericht FestkÃ¶rperchemie. Nachrichten Aus Der Chemie, 2020, 68, 34-44.	0.0	0
46	Photoluminescent Investigation of the Doping Site of Eu3+-Doped [Zn3(BTC)2â‹™12H2O] Metal-Organic Framework Prepared by Microwave-Assisted Hydrothermal Synthesis. Journal of the Brazilian Chemical Society, 0, , .	0.6	0