

Selvan Demir

List of Publications by Year in descending order

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27
papers

2,115
citations

516561

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docs citations

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times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Taming salophen in rare earth metallocene chemistry. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1325-1336.	3.0	7
2	Heteroleptic Rare-Earth Tris(metallocenes) Containing a Dibenzocyclooctatetraene Dianion. <i>Inorganic Chemistry</i> , 2022, 61, 2444-2454.	1.9	9
3	Pursuing the excision of carbon-centred hexanuclear scandium clusters {CSc. <i>Australian Journal of Chemistry</i> , 2022, 75, 523-531.	0.5	1
4	Organometallic lanthanide bismuth cluster single-molecule magnets. <i>CheM</i> , 2022, 8, 717-730.	5.8	39
5	Isolation of the elusive bisbenzimidazole Bbim^{3-} radical anion and its employment in a metal complex. <i>Chemical Science</i> , 2022, 13, 5818-5829.	3.7	6
6	Slow Magnetic Relaxation in Mono- and Bimetallic Lanthanide Tetraimido Sulfate $\text{S}(\text{N t Bu})_4^{2-}$ Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 12310-12319.	1.7	7
7	Slow Magnetic Relaxation in Mono- and Bimetallic Lanthanide Tetraimido Sulfate $\text{S}(\text{N t Bu})_4^{2-}$ Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 12236-12236.	1.7	1
8	A rare earth metallocene containing a 2,2'-azopyridyl radical anion. <i>Chemical Science</i> , 2021, 12, 15219-15228.	3.7	10
9	Cyclopentadienyls and Phospholyls of the Group 3 Metals and Lanthanides. , 2021, , .		2
10	Substituent Effects on Exchange Coupling and Magnetic Relaxation in 2,2'-Bipyrimidine Radical-Bridged Dilanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 21197-21209.	6.6	86
11	Slow magnetic relaxation in a neodymium metallocene tetraphenylborate complex. <i>Journal of Organometallic Chemistry</i> , 2018, 857, 164-169.	0.8	15
12	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10103-10107.	7.2	127
13	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2017, 129, 10237-10241.	1.6	31
14	Giant coercivity and high magnetic blocking temperatures for N_2^{3-} radical-bridged dilanthanide complexes upon ligand dissociation. <i>Nature Communications</i> , 2017, 8, 2144.	5.8	273
15	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , 2017, 56, 15049-15056.	1.9	35
16	Perspectives on Neutron Scattering in Lanthanide-Based Single-Molecule Magnets and a Case Study of the $\text{Tb}_2(\text{N}_2)$ System. <i>Magnetochemistry</i> , 2016, 2, 45.	1.0	23
17	Extraction of Lanthanide and Actinide Ions from Aqueous Mixtures Using a Carboxylic Acid-Functionalized Porous Aromatic Framework. <i>ACS Central Science</i> , 2016, 2, 253-265.	5.3	103
18	Solubility of Nanocrystalline Cerium Dioxide: Experimental Data and Thermodynamic Modeling. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22615-22626.	1.5	89

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19	Radical ligand-containing single-molecule magnets. <i>Coordination Chemistry Reviews</i> , 2015, 289-290, 149-176.	9.5	489
20	Exchange coupling and magnetic blocking in dilanthanide complexes bridged by the multi-electron redox-active ligand 2,3,5,6-tetra(2-pyridyl)pyrazine. <i>Chemical Science</i> , 2014, 5, 4701-4711.	3.7	151
21	Large Spin-Relaxation Barriers for the Low-Symmetry Organolanthanide Complexes [Cp* ₂ Ln(BPh ₄)] (Cp* = pentamethylcyclopentadienyl; Ln = Tb, Dy). <i>Chemistry - A European Journal</i> , 2014, 20, 9524-9529.	1.7	143
22	Exchange Coupling and Magnetic Blocking in Bipyrimidyl Radical-Bridged Dilanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 18546-18549.	6.6	337
23	Scandium and yttrium metallocene borohydride complexes: comparisons of (BH ₄) ⁻ vs. (BPh ₄) ⁻ coordination and reactivity. <i>Dalton Transactions</i> , 2012, 41, 9659.	1.6	19
24	σ-Bond Metathesis Reactivity of Allyl Scandium Metallocenes with Diphenyldichalcogenides, PhEPh (E) Tj ETQqO 0.0 rgBT /Overlock 10	1.1	9
25	Tris(polyalkylcyclopentadienyl) Complexes: The Elusive [(η ⁵ -C ₅ R ₅) ₂ M(η ¹ -C ₅ R ₅)] Structure and Trihaptocyclopentadienyl Coordination Involving a Methyl Substituent. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 515-518.	7.2	16
26	Synthesis, Structure, and Density Functional Theory Analysis of a Scandium Dinitrogen Complex, [(C ₅ Me ₄ H) ₂ Sc] ₂ (η ⁴ -η ² :η ² -N ₂). <i>Journal of the American Chemical Society</i> , 2010, 132, 11151-11158.	3.4	62
27	Facile Insertion of N ₂ O into Metal-Carbon Bonds of Metallocene Allyl Complexes to Form (RN ₂ O) ⁻ Ligands. <i>Organometallics</i> , 2010, 29, 6608-6611.	1.1	23