John G Brennan

List of Publications by Year
in descending order

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33	1,272	331670 21	395702 33
papers	citations	h-index	g-index

33	33	33	897
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemistry of trivalent uranium metallocenes: electron-transfer reactions with carbon disulfide. Formation of [(RC5H4)3U]2[.mu.-.eta.1.eta.2-CS2]. Inorganic Chemistry, 1986, 25, 1756-1760.	4.0	99
2	Lanthanide Clusters with Internal Ln Ions:Â Highly Emissive Molecules with Solid-State Cores. Journal of the American Chemical Society, 2005, 127, 3501-3505.	13.7	94
3	Intense Nearâ€IR Emission from Nanoscale Lanthanoid Fluoride Clusters. Angewandte Chemie - International Edition, 2008, 47, 6049-6051.	13.8	80
4	Oxoselenido Clusters of the Lanthanides:Â Rational Introduction of Oxo Ligands and Near-IR Emission from Nd(III). Journal of the American Chemical Society, 2005, 127, 15900-15906.	13.7	65
5	Trivalent Lanthanide Compounds with Fluorinated Thiolate Ligands:â€‰ Lnâ^'F Dative Interactions Vary with Ln and Solvent. Inorganic Chemistry, 2002, 41, 28-33.	4.0	64
6	Heterometallic Chalcogenido Clusters Containing Lanthanides and Main Group Metals:Â Emissive Precursors to Ternary Solid-State Compounds. Journal of the American Chemical Society, 2005, 127, 14008-14014.	13.7	64
7	Chalcogenide-Bound Erbium Complexes:â€‰ Paradigm Molecules for Infrared Fluorescence Emission. Chemistry of Materials, 2005, 17, 5130-5135.	6.7	63
8	Trivalent Lanthanide Chalcogenolates:Â Ln(SePh)3, Ln2(EPh)6, Ln4(SPh)12, and [Ln(EPh)3]n(E = S, Se). How Metal, Chalcogen, and Solvent Influence Structure. Inorganic Chemistry, 1998, 37, 2512-2519.	4.0	58
9	Covalent Bonding and the Trans Influence in Lanthanide Compounds. Inorganic Chemistry, 2010, 49, 552-560.	4.0	55
10	Fluorinated Thiolates of Divalent and Trivalent Lanthanides. Lnâ^'F Bonds and the Synthesis of LnF3. Inorganic Chemistry, 2001, 40, 1078-1081.	4.0	53
11	Chalcogen-Rich Lanthanide Clusters:Â Cluster Reactivity and the Influence of Ancillary Ligands on Structure. Journal of the American Chemical Society, 2001, 123, 11933-11939.	13.7	51
12	Chalcogen Rich Lanthanide Clusters from Halide Starting Materials (II):â€‰ Selenido Compounds. Inorganic Chemistry, 2002, 41, 121-126.	4.0	50
13	Chalcogen-Rich Lanthanide Clusters from Lanthanide Halide Starting Materials:Â A New Approach to the Low-Temperature Synthesis of LnSxSolids from Molecular Precursors. Journal of the American Chemical Society, 1999, 121, 10247-10248.	13.7	47
14	Lanthanide Compounds with Fluorinated Aryloxide Ligands: Near-Infrared Emission from Nd, Tm, and Er. Inorganic Chemistry, 2009, 48, 3573-3580.	4.0	46
15	Oxoclusters of the Lanthanides Begin to Resemble Solid-State Materials at Very Small Cluster Sizes:Â Structure and NIR Emission from Nd(III). Journal of the American Chemical Society, 2007, 129, 5926-5931.	13.7	41
16	Lanthanide Clusters with Chalcogen Encapsulated Ln: NIR Emission from Nanoscale NdSex. Journal of the American Chemical Society, 2011, 133, 373-378.	13.7	41
17	Chalcogen-Rich Lanthanide Clusters with Fluorinated Thiolate Ligands. Inorganic Chemistry, 2002, 41, 3528-3532.	4.0	40
18	Lanthanide Clusters with Internal Ln:Â Fragmentation and the Formation of Dimers with Bridging Se2-and Se22-Ligands. Inorganic Chemistry, 2005, 44, 5118-5122.	4.0	32

#	Article	IF	Citations
19	NIR emission from molecules and clusters with lanthanideâ€“chalcogen bonds. Coordination Chemistry Reviews, 2014, 273-274, 111-124.	18.8	30
20	Chalcogen-Rich Lanthanide Clusters:â€‰ Compounds with Te2-, (TeTe)2-, TePh, TeTePh, (TeTeTe(Ph)TeTe)5-, and [(TeTe)4TePh]9- Ligands; Single Source Precursors to Solid-State Lanthanide Tellurides. Inorganic Chemistry, 2002, 41, 492-500.	4.0	27
21	Thiolate-Bound Thulium Compounds: Synthesis, Structure, and NIR Emission. Chemistry of Materials, 2008, 20, 4367-4373.	6.7	25
22	Efficient NIR Emission from Nd, Er, and Tm Complexes with Fluorinated Selenolate Ligands. Inorganic Chemistry, 2018, 57, 1912-1918.	4.0	21
23	Highly NIR-Emissive Lanthanide Polyselenides. Inorganic Chemistry, 2011, 50, 9184-9190.	4.0	19
24	Copper, Indium, Tin, and Lead Complexes with Fluorinated Selenolate Ligands: Precursors to MSex. Inorganic Chemistry, 2015, 54, 8896-8904.	4.0	19
25	Molecular Thorium Compounds with Dichalcogenide Ligands: Synthesis, Structure, ⁷⁷Se NMR Study, and Thermolysis. Inorganic Chemistry, 2018, 57, 14821-14833.	4.0	14
26	Heterometallic Ln/Hg Tellurido Clusters. Inorganic Chemistry, 2010, 49, 1728-1732.	4.0	13
27	Lanthanide oxochalcogenido clusters. Dalton Transactions, 2010, 39, 6794.	3.3	13
28	Thorium Compounds with Bonds to Sulfur or Selenium: Synthesis, Structure, and Thermolysis. Inorganic Chemistry, 2016, 55, 6961-6967.	4.0	11
29	Thorium Cubanesâ€“Synthesis, Solid-State and Solution Structures, Thermolysis, and Chalcogen Exchange Reactions. Inorganic Chemistry, 2018, 57, 7129-7141.	4.0	10
30	Lanthanide Clusters with Azide Capping Ligands. Inorganic Chemistry, 2013, 52, 6021-6027.	4.0	9
31	Monomeric thorium chalcogenolates with bipyridine and terpyridine ligands. Dalton Transactions, 2018, 47, 14652-14661.	3.3	9
32	Tetrametallic Thorium Compounds with Th₄E₄ (E = S, Se) Cubane Cores. Inorganic Chemistry, 2017, 56, 10247-10256.	4.0	7
33	Organosoluble tetravalent actinide di- and trifluorides. Chemical Communications, 2018, 54, 12018-12020.	4.1	2