# John G Brennan

List of Publications by Year
in descending order

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Version: 2024-02-01

| 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 | Efficient NIR Emission from Nd, Er, and Tm Complexes with Fluorinated Selenolate Ligands. Inorganic Chemistry, 2018, 57, 1912-1918. | 4.0 | 21 |
| 2 | Organosoluble tetravalent actinide di- and trifluorides. Chemical Communications, 2018, 54, 12018-12020. | 4.1 | 2 |
| 3 | Monomeric thorium chalcogenolates with bipyridine and terpyridine ligands. Dalton Transactions, 2018, 47, 14652-14661. | 3.3 | 9 |
| 4 | Molecular Thorium Compounds with Dichalcogenide Ligands: Synthesis, Structure, <sup>77</sup>Se NMR Study, and Thermolysis. Inorganic Chemistry, 2018, 57, 14821-14833. | 4.0 | 14 |
| 5 | Thorium Cubanesâ€“Synthesis, Solid-State and Solution Structures, Thermolysis, and Chalcogen Exchange Reactions. Inorganic Chemistry, 2018, 57, 7129-7141. | 4.0 | 10 |
| 6 | Tetrametallic Thorium Compounds with Th<sub>4</sub>E<sub>4</sub> (E = S, Se) Cubane Cores. Inorganic Chemistry, 2017, 56, 10247-10256. | 4.0 | 7 |
| 7 | Thorium Compounds with Bonds to Sulfur or Selenium: Synthesis, Structure, and Thermolysis. Inorganic Chemistry, 2016, 55, 6961-6967. | 4.0 | 11 |
| 8 | Copper, Indium, Tin, and Lead Complexes with Fluorinated Selenolate Ligands: Precursors to MSex. Inorganic Chemistry, 2015, 54, 8896-8904. | 4.0 | 19 |
| 9 | NIR emission from molecules and clusters with lanthanideâ€“chalcogen bonds. Coordination Chemistry Reviews, 2014, 273-274, 111-124. | 18.8 | 30 |
| 10 | Lanthanide Clusters with Azide Capping Ligands. Inorganic Chemistry, 2013, 52, 6021-6027. | 4.0 | 9 |
| 11 | Lanthanide Clusters with Chalcogen Encapsulated Ln: NIR Emission from Nanoscale NdSex. Journal of the American Chemical Society, 2011, 133, 373-378. | 13.7 | 41 |
| 12 | Highly NIR-Emissive Lanthanide Polyselenides. Inorganic Chemistry, 2011, 50, 9184-9190. | 4.0 | 19 |
| 13 | Covalent Bonding and the Trans Influence in Lanthanide Compounds. Inorganic Chemistry, 2010, 49, 552-560. | 4.0 | 55 |
| 14 | Heterometallic Ln/Hg Tellurido Clusters. Inorganic Chemistry, 2010, 49, 1728-1732. | 4.0 | 13 |
| 15 | Lanthanide oxochalcogenido clusters. Dalton Transactions, 2010, 39, 6794. | 3.3 | 13 |
| 16 | Lanthanide Compounds with Fluorinated Aryloxide Ligands: Near-Infrared Emission from Nd, Tm, and Er. Inorganic Chemistry, 2009, 48, 3573-3580. | 4.0 | 46 |
| 17 | Intense Nearâ€IR Emission from Nanoscale Lanthanoid Fluoride Clusters. Angewandte Chemie - International Edition, 2008, 47, 6049-6051. | 13.8 | 80 |
| 18 | Thiolate-Bound Thulium Compounds: Synthesis, Structure, and NIR Emission. Chemistry of Materials, 2008, 20, 4367-4373. | 6.7 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Chalcogenide-Bound Erbium Complexes:â€‰ Paradigm Molecules for Infrared Fluorescence Emission. Chemistry of Materials, 2005, 17, 5130-5135. | 6.7 | 63 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Chalcogen Rich Lanthanide Clusters from Halide Starting Materials (II):â€‰ Selenido Compounds. Inorganic Chemistry, 2002, 41, 121-126. | 4.0 | 50 |
| 27 | Chalcogen-Rich Lanthanide Clusters with Fluorinated Thiolate Ligands. Inorganic Chemistry, 2002, 41, 3528-3532. | 4.0 | 40 |
| 28 | 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 |
| 29 | 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 |
| 30 | Fluorinated Thiolates of Divalent and Trivalent Lanthanides. Lnâ˜F Bonds and the Synthesis of LnF3. Inorganic Chemistry, 2001, 40, 1078-1081. | 4.0 | 53 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |