

Evan G Moore

List of Publications by Year in descending order

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4702
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#	ARTICLE	IF	CITATIONS
1	From Antenna to Assay: Lessons Learned in Lanthanide Luminescence. <i>Accounts of Chemical Research</i> , 2009, 42, 542-552.	15.6	945
2	Brilliant Sm, Eu, Tb, and Dy Chiral Lanthanide Complexes with Strong Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2007, 129, 77-83.	13.7	278
3	Towards structure–property–function relationships for eumelanin. <i>Soft Matter</i> , 2006, 2, 37-44.	2.7	263
4	Octadentate Cages of Tb(III) 2-Hydroxyisophthalamides: A New Standard for Luminescent Lanthanide Labels. <i>Journal of the American Chemical Society</i> , 2011, 133, 19900-19910.	13.7	198
5	Terbium Polyoxometalate Organic Complexes: Correlation of Structure with Luminescence Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7702-7705.	13.8	172
6	Sensitization of Lanthanoid Luminescence by Organic and Inorganic Ligands in Lanthanoid-Organic-Polyoxometalates. <i>Inorganic Chemistry</i> , 2012, 51, 1142-1151.	4.0	128
7	Enantiopure, Octadentate Ligands as Sensitizers for Europium and Terbium Circularly Polarized Luminescence in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2007, 129, 15468-15470.	13.7	115
8	Highly Soluble Tris-hydroxypyridonate Gd(III) Complexes with Increased Hydration Number, Fast Water Exchange, Slow Electronic Relaxation, and High Relaxivity. <i>Journal of the American Chemical Society</i> , 2007, 129, 1870-1871.	13.7	97
9	Surface Ligands Stabilized Lead Halide Perovskite Quantum Dot Photocatalyst for Visible Light-Driven Hydrogen Generation. <i>Advanced Functional Materials</i> , 2019, 29, 1905683.	14.9	85
10	“Cymothoe sangaris” An Extremely Stable and Highly Luminescent 1,2-Hydroxypyridinonate Chelate of Eu(III). <i>Journal of the American Chemical Society</i> , 2006, 128, 10648-10649.	13.7	77
11	3-Hydroxypyridin-2-one Complexes of Near-Infrared (NIR) Emitting Lanthanides: Sensitization of Holmium(III) and Praseodymium(III) in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9500-9503.	13.8	75
12	Highly Luminescent Lanthanide Complexes of 1-Hydroxy-2-pyridinones. <i>Inorganic Chemistry</i> , 2008, 47, 3105-3118.	4.0	69
13	Self-assembled supramolecular cages containing ruthenium(II) polypyridyl complexes. <i>Chemical Communications</i> , 2015, 51, 4465-4468.	4.1	64
14	Microbial Evasion of the Immune System: Structural Modifications of Enterobactin Impair Siderocalin Recognition. <i>Journal of the American Chemical Society</i> , 2006, 128, 10998-10999.	13.7	63
15	Energy Transfer from Antenna Ligand to Europium(III) Followed Using Ultrafast Optical and X-ray Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 11071-11081.	13.7	63
16	Water-Soluble 2-Hydroxyisophthalamides for Sensitization of Lanthanide Luminescence. <i>Inorganic Chemistry</i> , 2008, 47, 7535-7544.	4.0	62
17	1,2-Hydroxypyridonates as Contrast Agents for Magnetic Resonance Imaging: TREN-1,2-HOPO. <i>Inorganic Chemistry</i> , 2007, 46, 9182-9191.	4.0	58
18	Impact of Glutathione on the Formation of Methylmethine- and Carboxymethine-Bridged (+)-Catechin Dimers in a Model Wine System. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7410-7418.	5.2	49

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19	Design Strategy for Robust Organic Semiconductor Laser Dyes. , 2020, 2, 161-167.		47
20	Functionalized Macrocyclic Compounds: Potential Sensors of Small Molecules and Ions. Australian Journal of Chemistry, 2003, 56, 239.	0.9	45
21	Circularly Polarized Luminescence in Enantiopure Europium and Terbium Complexes with Modular, All-Oxygen Donor Ligands. Inorganic Chemistry, 2009, 48, 8469-8479.	4.0	43
22	Aryl-Bridged 1-Hydroxypyridin-2-one: Sensitizer Ligands for Eu(III). Inorganic Chemistry, 2008, 47, 6109-6111.	4.0	41
23	1,2-Hydroxypyridonate/Terephthalamide Complexes of Gadolinium(III): Synthesis, Stability, Relaxivity, and Water Exchange Properties. Inorganic Chemistry, 2009, 48, 277-286.	4.0	40
24	Optimized Relaxivity and Stability of [Gd(H(2,2)-1,2-HOPO)(H ₂ O)] ⁻ for Use as an MRI Contrast Agent ¹ . Inorganic Chemistry, 2007, 46, 4796-4798.	4.0	39
25	An Octadentate Luminescent Eu(III) 1,2-HOPO Chelate with Potent Aqueous Stability. Inorganic Chemistry, 2007, 46, 5468-5470.	4.0	37
26	1-Methyl-3-hydroxy-pyridin-2-one Complexes of Near Infra-Red Emitting Lanthanides: Efficient Sensitization of Yb(III) and Nd(III) in Aqueous Solution. Inorganic Chemistry, 2010, 49, 4156-4166.	4.0	37
27	A Photophysical Study of Sensitization-Initiated Electron Transfer: Insights into the Mechanism of Photoredox Activity. Angewandte Chemie - International Edition, 2020, 59, 9522-9526.	13.8	37
28	Photoinduced Electron Transfer and Electronic Energy Transfer in Naphthyl-Appended Cyclams. Inorganic Chemistry, 2001, 40, 5799-5805.	4.0	35
29	Excited Triplet State Interactions of Fluoroquinolone Norfloxacin with Natural Organic Matter: A Laser Spectroscopy Study. Environmental Science & Technology, 2018, 52, 10426-10432.	10.0	31
30	Solid cyclooctatetraene-based triplet quencher demonstrating excellent suppression of singlet-triplet annihilation in optical and electrical excitation. Nature Communications, 2020, 11, 5623.	12.8	31
31	Light Amplification and Efficient Electroluminescence from a Solution-Processable Diketopyrrolopyrrole Derivative via Triplet-to-Singlet Upconversion. Advanced Functional Materials, 2021, 31, 2009817.	14.9	30
32	Sensitized Photochemical CO ₂ Reduction by Hetero-Pacman Compounds Linking a Re ^I Tricarbonyl with a Porphyrin Unit. Chemistry - A European Journal, 2019, 25, 4509-4519.	3.3	29
33	Deep-Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay-Annulated Indigo Derivatives. Advanced Optical Materials, 2020, 8, 1901350.	7.3	26
34	Lanthanoid/Alkali Metal ² -Triketonate Assemblies: A Robust Platform for Efficient NIR Emitters. Chemistry - A European Journal, 2015, 21, 18354-18363.	3.3	24
35	Broad-Band NIR Transient Absorption Spectroscopy of an α -All-Carbon-Bridged Bimetallic Radical Cation Complex. Organometallics, 2015, 34, 3923-3926.	2.3	23
36	Visible and Near-Infrared Emission from Lanthanoid ² -Triketonate Assemblies Incorporating Cesium Cations. Inorganic Chemistry, 2017, 56, 8975-8985.	4.0	23

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37	Lasing Operation under Long-Pulse Excitation in Solution-Processed Organic Gain Medium: Toward CW Lasing in Organic Semiconductors. <i>Advanced Optical Materials</i> , 2020, 8, 2001234.	7.3	23
38	Eu(III) Complexes of Functionalized Octadentate 1-Hydroxypyridin-2-ones: Stability, Bioconjugation, and Luminescence Resonance Energy Transfer Studies. <i>Inorganic Chemistry</i> , 2010, 49, 9928-9939.	4.0	22
39	Singlet Fission and Triplet Exciton Dynamics in Rubrene/Fullerene Heterojunctions: Implications for Electroluminescence. <i>Advanced Electronic Materials</i> , 2015, 1, 1500229.	5.1	22
40	Intramolecular Electronic Energy Transfer in Bichromophoric Macrocyclic Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 3025-3031.	4.0	21
41	Use of Yb(III)-Centered Near-Infrared (NIR) Luminescence To Determine the Hydration State of a 3,2-HOPO-Based MRI Contrast Agent. <i>Inorganic Chemistry</i> , 2008, 47, 8571-8573.	4.0	20
42	Aryl Bridged 1-Hydroxypyridin-2-one: Effect of the Bridge on the Eu(III) Sensitization Process. <i>Inorganic Chemistry</i> , 2009, 48, 9316-9324.	4.0	20
43	A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates. Part II. <i>Dalton Transactions</i> , 2013, 42, 2075-2083.	3.3	20
44	Luminescent Tetrahedral Molecular Cages Containing Ruthenium(II) Chromophores. <i>Inorganic Chemistry</i> , 2018, 57, 8476-8486.	4.0	20
45	Heterodinuclear ruthenium(II)-cobalt(III) complexes as models for a new approach to selective cancer treatment. <i>Dalton Transactions</i> , 2012, 41, 14425.	3.3	18
46	Chiral Ruthenium(II) Complexes as Supramolecular Building Blocks for Heterometallic Self-Assembly. <i>Inorganic Chemistry</i> , 2016, 55, 12737-12751.	4.0	18
47	Photo-induced electron transfer in a diamino-substituted Ru(bpy) ₃ [PF ₆] ₂ complex and its application as a triplet photosensitizer for nitric oxide (NO)-activated triplet-triplet annihilation upconversion. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 995-1005.	2.9	18
48	Covalently Bonded Perylene-Diimide-Bodipy Dyads for Thiol-Activatable Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22665-22679.	3.1	17
49	Quantitative Sensitization Efficiencies in NIR-Emissive Homoleptic Ln(III) Complexes Using 2-(5-Methylpyridin-2-yl)-8-hydroxyquinoline. <i>Inorganic Chemistry</i> , 2018, 57, 14062-14072.	4.0	16
50	Photoinduced ligand release in a ruthenium(II)-cobalt(III) heterodinuclear system. <i>Chemical Communications</i> , 2011, 47, 7692.	4.1	15
51	Optimization of the Sensitization Process and Stability of Octadentate Eu(III) 1,2-HOPO Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 6807-6820.	4.0	15
52	Tuning the Photophysical Behavior of Luminescent Cyclam Derivatives by Cation Binding and Excited State Redox Potential. <i>Journal of Physical Chemistry A</i> , 2005, 109, 3788-3796.	2.5	14
53	Aqueous Ln(III) Luminescence Agents Derived from a Tasty Precursor. <i>Inorganic Chemistry</i> , 2008, 47, 7951-7953.	4.0	14
54	Synthesis, Stability and Sensitized Lanthanide Luminescence of Heterobimetallic d/f Terpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 414-420.	2.0	14

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55	Low Amplified Spontaneous Emission and Lasing Thresholds from Hybrids of Fluorenes and Vinylphenylcarbazole. <i>Advanced Optical Materials</i> , 2020, 8, 2000784.	7.3	14
56	Controlling triplet-triplet upconversion and singlet-triplet annihilation in organic light-emitting diodes for injection lasing. <i>Communications Materials</i> , 2022, 3, .	6.9	13
57	Characterisation of Australian Verdelho wines from the Queensland Granite Belt region. <i>Food Chemistry</i> , 2016, 196, 1163-1171.	8.2	12
58	Probing the effect of β^2 -triketones in visible and NIR emitting lanthanoid complexes. <i>Dalton Transactions</i> , 2018, 47, 7956-7964.	3.3	12
59	A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates. <i>Dalton Transactions</i> , 2012, 41, 5272.	3.3	11
60	Versatility of Terpyridine-Functionalised Aryl Tetrazoles: Photophysical Properties, Ratiometric Sensing of Zinc Cations and Sensitisation of Lanthanide Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5260-5270.	2.0	11
61	Intra- vs Intermolecular Photoinduced Electron Transfer Reactions of a Macrocyclic Donor-Acceptor Dyad. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11715-11723.	2.5	9
62	Electronic Energy-Transfer Rate Constants for Geometrical Isomers of a Bichromophoric Macrocyclic Complex. <i>Inorganic Chemistry</i> , 2006, 45, 51-58.	4.0	9
63	Structural features and near infra-red (NIR) luminescence of isomeric Yb(III) bipyridyl-N,N'-dioxide coordination polymers. <i>Dalton Transactions</i> , 2015, 44, 13378-13383.	3.3	9
64	Sensitised Ln(III) Emission and Excited State Dynamics of Cofacial Pacman™ Porphyrin Terpyridine Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 16178-16186.	3.3	9
65	Rates of Electronic Energy Transfer in Conformationally Flexible Bichromophoric Macrocyclic Complexes: A Combined Experimental and Molecular Modeling Study. <i>Journal of Physical Chemistry A</i> , 2003, 107, 8396-8403.	2.5	8
66	Highly Fluorescent Group 13 Metal Complexes With Cyclic, Aromatic Hydroxamic Acid Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 8665-8673.	4.0	8
67	Structure and efficient luminescence upconversion of Ln(III) aromatic N-oxide coordination polymers. <i>Dalton Transactions</i> , 2016, 45, 12200-12205.	3.3	7
68	Synthesis and characterisation of new tripodal lanthanide complexes and investigation of their optical and magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 12177-12184.	3.3	7
69	Dinuclear triple stranded phenyl-spaced 1,3-bis- β^2 -diketonato lanthanide(III) complexes: synthesis, structures and spectroscopy. <i>Dalton Transactions</i> , 2021, 50, 4874-4879.	3.3	7
70	Eu(III) Complexes of Octadentate 1-Hydroxy-2-pyridinones: Stability and Improved Photophysical Performance. <i>Australian Journal of Chemistry</i> , 2009, 62, 1300.	0.9	6
71	Analysis of the emitting states of an Ir(III) complex with strong blue emission. <i>Chemical Physics Letters</i> , 2015, 641, 62-67.	2.6	6
72	Investigation of the Photophysical Properties of a Eu ³⁺ Coordination Polymer Bearing an β^2 -Nitrile Substituted β^2 -Diketonate Ligand via Emission and Ultrafast Transient Absorption Spectroscopy. <i>Australian Journal of Chemistry</i> , 2015, 68, 1392.	0.9	5

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73	Hydroxyl Radicals via Collision-Induced Dissociation of Trimethylammonium Benzyl Alcohols. Australian Journal of Chemistry, 2017, 70, 397.	0.9	5
74	Reduced Singlet-Triplet Annihilation for Low Threshold Amplified Spontaneous Emission from a Blue Polyfluorene Electroluminescent Organic Semiconductor. Journal of Physical Chemistry C, 2022, 126, 9069-9075.	3.1	5
75	Low Light Amplification Threshold and Reduced Efficiency Roll-Off in Thick Emissive Layer OLEDs from a Diketopyrrolopyrrole Derivative. Macromolecular Rapid Communications, 2022, 43, e2200115.	3.9	4
76	Quantification of energy transfer in bimetallic Pt(II)-Ln(III) complexes featuring an N ^C N-cyclometallating ligand. Dalton Transactions, 2019, 48, 2142-2149.	3.3	3
77	Enhanced Near-Infrared Emission from Eight-Coordinate vs Nine-Coordinate Yb(III) Complexes Using 2-(5-Methylpyridin-2-yl)-8-hydroxyquinoline. Inorganic Chemistry, 2020, 59, 16194-16204.	4.0	3
78	A Photophysical Study of Sensitization-Initiated Electron Transfer: Insights into the Mechanism of Photoredox Activity. Angewandte Chemie, 2020, 132, 9609-9613.	2.0	3
79	Sensitised lanthanide luminescence using a Ru(II) polypyridyl functionalised dipicolinic acid chelate. Dalton Transactions, 2021, 50, 7400-7408.	3.3	1
80	Functionalized Macrocyclic Compounds: Potential Sensors of Small Molecules and Ions.. ChemInform, 2003, 34, no.	0.0	0
81	2-Methoxy-6-methyl-3-nitro-4-(2-nitroprop-1-enyl)phenyl acetate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1709-o1711.	0.2	0
82	Anion tuning of Zn ²⁺ architectures using a Tris-base salicylic ligand. CrystEngComm, 2019, 21, 4267-4274.	2.6	0
83	Organic Semiconductor Lasers: Lasing Operation under Long-Pulse Excitation in Solution-Processed Organic Gain Medium: Toward CW Lasing in Organic Semiconductors (Advanced Optical Materials) Tj ETQq1 1 0.78.314 rgBT /Overl	7.3	0
84	Organic Laser Dyes: Deep-Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay-Annulated Indigo Derivatives (Advanced Optical Materials 2/2020). Advanced Optical Materials, 2020, 8, 2070006.	7.3	0