

Evan G Moore

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

3,393
citations

26
h-index

57
g-index

86
ext. papers

3,716
ext. citations

6.7
avg, IF

5.28
L-index

#	Paper	IF	Citations
83	From antenna to assay: lessons learned in lanthanide luminescence. <i>Accounts of Chemical Research</i> , 2009 , 42, 542-52	24.3	826
82	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	16.4	244
81	Towards structure-property-function relationships for eumelanin. <i>Soft Matter</i> , 2006 , 2, 37-44	3.6	238
80	Octadentate cages of Tb(III) 2-hydroxyisophthalamides: a new standard for luminescent lanthanide labels. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19900-10	16.4	183
79	Terbium polyoxometalate organic complexes: correlation of structure with luminescence properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7702-5	16.4	157
78	Sensitization of lanthanoid luminescence by organic and inorganic ligands in lanthanoid-organic-polyoxometalates. <i>Inorganic Chemistry</i> , 2012 , 51, 1142-51	5.1	113
77	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, 15468-70	16.4	104
76	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, 1870-1	16.4	85
75	"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, 10648-9	16.4	76
74	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, 9500-3	16.4	71
73	Highly luminescent lanthanide complexes of 1-hydroxy-2-pyridinones. <i>Inorganic Chemistry</i> , 2008 , 47, 3105-18	5.1	66
72	Water-soluble 2-hydroxyisophthalamides for sensitization of lanthanide luminescence. <i>Inorganic Chemistry</i> , 2008 , 47, 7535-44	5.1	61
71	Microbial evasion of the immune system: structural modifications of enterobactin impair siderocalin recognition. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10998-9	16.4	58
70	Self-assembled supramolecular cages containing ruthenium(II) polypyridyl complexes. <i>Chemical Communications</i> , 2015 , 51, 4465-8	5.8	54
69	1,2-hydroxypyridonates as contrast agents for magnetic resonance imaging: TREN-1,2-HOPO. <i>Inorganic Chemistry</i> , 2007 , 46, 9182-91	5.1	50
68	Surface Ligands Stabilized Lead Halide Perovskite Quantum Dot Photocatalyst for Visible Light-Driven Hydrogen Generation. <i>Advanced Functional Materials</i> , 2019 , 29, 1905683	15.6	45
67	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, 7410-8	5.7	41

66	Circularly polarized luminescence in enantiopure europium and terbium complexes with modular, all-oxygen donor ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 8469-79	5.1	40
65	Aryl-bridged 1-hydroxypyridin-2-one: sensitizer ligands for Eu(III). <i>Inorganic Chemistry</i> , 2008 , 47, 6109-11	5.1	40
64	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	16.4	38
63	Optimized relaxivity and stability of [Gd(H(2,2)-1,2-HOPO)(H ₂ O)] ⁻ for use as an MRI contrast agent. <i>Inorganic Chemistry</i> , 2007 , 46, 4796-8	5.1	38
62	Functionalized Macrocyclic Compounds: Potential Sensors of Small Molecules and Ions. <i>Australian Journal of Chemistry</i> , 2003 , 56, 239	1.2	38
61	1,2-hydroxypyridonate/terephthalamide complexes of gadolinium(III): synthesis, stability, relaxivity, and water exchange properties. <i>Inorganic Chemistry</i> , 2009 , 48, 277-86	5.1	36
60	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. <i>Inorganic Chemistry</i> , 2010 , 49, 4156-66	5.1	35
59	Photoinduced electron transfer and electronic energy transfer in naphthyl-appended cyclams. <i>Inorganic Chemistry</i> , 2001 , 40, 5799-805	5.1	35
58	An octadentate luminescent Eu(III) 1,2-HOPO chelate with potent aqueous stability. <i>Inorganic Chemistry</i> , 2007 , 46, 5468-70	5.1	34
57	Terbium Polyoxometalate Organic Complexes: Correlation of Structure with Luminescence Properties. <i>Angewandte Chemie</i> , 2010 , 122, 7868-7871	3.6	26
56	Design Strategy for Robust Organic Semiconductor Laser Dyes 2020 , 2, 161-167		22
55	Eu(III) complexes of functionalized octadentate 1-hydroxypyridin-2-ones: stability, bioconjugation, and luminescence resonance energy transfer studies. <i>Inorganic Chemistry</i> , 2010 , 49, 9928-39	5.1	21
54	Aryl bridged 1-hydroxypyridin-2-one: effect of the bridge on the Eu(III) sensitization process. <i>Inorganic Chemistry</i> , 2009 , 48, 9316-24	5.1	20
53	A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates--part II. <i>Dalton Transactions</i> , 2013 , 42, 2075-83	4.3	19
52	Lanthanoid/Alkali Metal β -Triketonate Assemblies: A Robust Platform for Efficient NIR Emitters. <i>Chemistry - A European Journal</i> , 2015 , 21, 18354-63	4.8	19
51	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, 8571-3	5.1	19
50	Singlet Fission and Triplet Exciton Dynamics in Rubrene/Fullerene Heterojunctions: Implications for Electroluminescence. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500229	6.4	18
49	Intramolecular electronic energy transfer in bichromophoric macrocyclic complexes. <i>Inorganic Chemistry</i> , 2002 , 41, 3025-31	5.1	18

48	Deep-Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay-Annulated Indigo Derivatives. <i>Advanced Optical Materials</i> , 2020 , 8, 1901350	8.1	18
47	Sensitized Photochemical CO Reduction by Hetero-Pacman Compounds Linking a Re Tricarbonyl with a Porphyrin Unit. <i>Chemistry - A European Journal</i> , 2019 , 25, 4509-4519	4.8	17
46	Broad-Band NIR Transient Absorption Spectroscopy of an All-Carbon-Bridged Bimetallic Radical Cation Complex. <i>Organometallics</i> , 2015 , 34, 3923-3926	3.8	17
45	Excited Triplet State Interactions of Fluoroquinolone Norfloxacin with Natural Organic Matter: A Laser Spectroscopy Study. <i>Environmental Science & Technology</i> , 2018 , 52, 10426-10432	10.3	17
44	Visible and Near-Infrared Emission from Lanthanoid Triketonate Assemblies Incorporating Cesium Cations. <i>Inorganic Chemistry</i> , 2017 , 56, 8975-8985	5.1	17
43	Optimization of the Sensitization Process and Stability of Octadentate Eu(III) 1,2-HOPO Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 6807-20	5.1	15
42	Chiral Ruthenium(II) Complexes as Supramolecular Building Blocks for Heterometallic Self-Assembly. <i>Inorganic Chemistry</i> , 2016 , 55, 12737-12751	5.1	15
41	Heterodinuclear ruthenium(II)-cobalt(III) complexes as models for a new approach to selective cancer treatment. <i>Dalton Transactions</i> , 2012 , 41, 14425-32	4.3	14
40	Luminescent Tetrahedral Molecular Cages Containing Ruthenium(II) Chromophores. <i>Inorganic Chemistry</i> , 2018 , 57, 8476-8486	5.1	14
39	Covalently Bonded PeryleneDiodoBodipy Dyads for Thiol-Activatable Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 22665-22679	3.8	13
38	A Photophysical Study of Sensitization-Initiated Electron Transfer: Insights into the Mechanism of Photoredox Activity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9522-9526	16.4	13
37	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	4.2	13
36	Aqueous Ln(III) luminescence agents derived from a tasty precursor. <i>Inorganic Chemistry</i> , 2008 , 47, 7951-31	3.1	13
35	Light Amplification and Efficient Electroluminescence from a Solution-Processable Diketopyrrolopyrrole Derivative via Triplet-to-Singlet Upconversion. <i>Advanced Functional Materials</i> , 2021 , 31, 2009817	15.6	13
34	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	5.1	13
33	Photoinduced ligand release in a ruthenium(II)-cobalt(III) heterodinuclear system. <i>Chemical Communications</i> , 2011 , 47, 7692-4	5.8	12
32	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, 3788-96	2.8	12
31	Synthesis, Stability and Sensitised Lanthanide Luminescence of Heterobimetallic d/f Terpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 414-420	2.3	11

30	Solid cyclooctatetraene-based triplet quencher demonstrating excellent suppression of singlet-triplet annihilation in optical and electrical excitation. <i>Nature Communications</i> , 2020 , 11, 5623	17.4	11
29	A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates. <i>Dalton Transactions</i> , 2012 , 41, 5272-9	4.3	10
28	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	8.1	10
27	Electronic energy-transfer rate constants for geometrical isomers of a bichromophoric macrocyclic complex. <i>Inorganic Chemistry</i> , 2006 , 45, 51-8	5.1	9
26	Characterisation of Australian Verdelho wines from the Queensland Granite Belt region. <i>Food Chemistry</i> , 2016 , 196, 1163-71	8.5	9
25	Structural features and near infra-red (NIR) luminescence of isomeric Yb(III) bipyridyl-N,N'-dioxide coordination polymers. <i>Dalton Transactions</i> , 2015 , 44, 13378-83	4.3	8
24	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	2.3	8
23	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	2.8	8
22	Low Amplified Spontaneous Emission and Lasing Thresholds from Hybrids of Fluorenes and Vinylphenylcarbazole. <i>Advanced Optical Materials</i> , 2020 , 8, 2000784	8.1	8
21	Probing the effect of β-ketonates in visible and NIR emitting lanthanoid complexes. <i>Dalton Transactions</i> , 2018 , 47, 7956-7964	4.3	8
20	Intra- vs intermolecular photoinduced electron transfer reactions of a macrocyclic donor-acceptor dyad. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 11715-23	2.8	7
19	Synthesis and characterisation of new tripodal lanthanide complexes and investigation of their optical and magnetic properties. <i>Dalton Transactions</i> , 2017 , 46, 12177-12184	4.3	6
18	Eu(III) Complexes of Octadentate 1-Hydroxy-2-pyridinones: Stability and Improved Photophysical Performance. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1300-1307	1.2	6
17	Highly fluorescent group 13 metal complexes with cyclic, aromatic hydroxamic acid ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 8665-73	5.1	6
16	Sensitised Ln Emission and Excited-State Dynamics of Cofacial 'Pacman' Porphyrin Terpyridine Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 16178-16186	4.8	6
15	Structure and efficient luminescence upconversion of Ln(III) aromatic N-oxide coordination polymers. <i>Dalton Transactions</i> , 2016 , 45, 12200-5	4.3	5
14	Hydroxyl Radicals via Collision-Induced Dissociation of Trimethylammonium Benzyl Alcohols. <i>Australian Journal of Chemistry</i> , 2017 , 70, 397	1.2	4
13	Investigation of the Photophysical Properties of a Eu ³⁺ Coordination Polymer Bearing an Nitrile Substituted Diketonate Ligand via Emission and Ultrafast Transient Absorption Spectroscopy. <i>Australian Journal of Chemistry</i> , 2015 , 68, 1392	1.2	4

12	Analysis of the emitting states of an Ir(III) complex with strong blue emission. <i>Chemical Physics Letters</i> , 2015 , 641, 62-67	2.5	3
11	A Photophysical Study of Sensitization-Initiated Electron Transfer: Insights into the Mechanism of Photoredox Activity. <i>Angewandte Chemie</i> , 2020 , 132, 9609-9613	3.6	3
10	Quantification of energy transfer in bimetallic Pt(ii)-Ln(iii) complexes featuring an N [^] C [^] N-cyclometallating ligand. <i>Dalton Transactions</i> , 2019 , 48, 2142-2149	4.3	2
9	Enhanced Near-Infrared Emission from Eight-Coordinate vs Nine-Coordinate Yb Complexes Using 2-(5-Methylpyridin-2-yl)-8-hydroxyquinoline. <i>Inorganic Chemistry</i> , 2020 , 59, 16194-16204	5.1	2
8	Dinuclear triple stranded phenyl-spaced 1,3-bis-βdiketonato lanthanide(iii) complexes: synthesis, structures and spectroscopy. <i>Dalton Transactions</i> , 2021 , 50, 4874-4879	4.3	2
7	Reduced Singlet-Triplet Annihilation for Low Threshold Amplified Spontaneous Emission from a Blue Polyfluorene Electroluminescent Organic Semiconductor. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 9069-9075	3.8	1
6	Sensitised lanthanide luminescence using a Ru polypyridyl functionalised dipicolinic acid chelate. <i>Dalton Transactions</i> , 2021 , 50, 7400-7408	4.3	0
5	Low Light Amplification Threshold and Reduced Efficiency Roll-Off in Thick Emissive Layer OLEDs from a Diketopyrrolopyrrole Derivative.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200115	4.8	0
4	Anion tuning of Zn ²⁺ architectures using a Tris-base salicylic ligand. <i>CrystEngComm</i> , 2019 , 21, 4267-4274	3.3	3
3	Organic Semiconductor Lasers: Lasing Operation under Long-Pulse Excitation in Solution-Processed Organic Gain Medium: Toward CW Lasing in Organic Semiconductors (Advanced Optical Materials 21/2020). <i>Advanced Optical Materials</i> , 2020 , 8, 2070083	8.1	
2	Organic Laser Dyes: Deep-Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay-Annulated Indigo Derivatives (Advanced Optical Materials 2/2020). <i>Advanced Optical Materials</i> , 2020 , 8, 2070006	8.1	
1	2-Methoxy-6-methyl-3-nitro-4-(2-nitroprop-1-enyl)phenyl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o1709-o1711		