

Lori A Watson

List of Publications by Year in descending order

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papers

1,461
citations

361413

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414414

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docs citations

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times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Urea-Functionalized M ₄ L ₆ Cage Receptors: Anion-Templated Self-Assembly and Selective Guest Exchange in Aqueous Solutions. <i>Journal of the American Chemical Society</i> , 2012, 134, 8525-8534.	13.7	217
2	How Amidoximate Binds the Uranyl Cation. <i>Inorganic Chemistry</i> , 2012, 51, 3855-3859.	4.0	175
3	Entropy Explained: The Origin of Some Simple Trends. <i>Journal of Chemical Education</i> , 2002, 79, 1269.	2.3	96
4	Four-Coordinate, Planar Ru(II). A Triplet State as a Response to a 14-Valence Electron Configuration. <i>Journal of the American Chemical Society</i> , 2003, 125, 8426-8427.	13.7	91
5	Four-Coordinate Titanium Alkylidene Complexes: Synthesis, Reactivity, and Kinetic Studies Involving the Terminal Neopentylidene Functionality. <i>Organometallics</i> , 2005, 24, 1886-1906.	2.3	89
6	C [∞] D ⁰ (D ⁰ = π -donor, F) Cleavage in H ₂ CCH(D ⁰) by (Cp ₂ ZrHCl) _n : Mechanism, Agostic Fluorines, and a Carbene of Zr(IV). <i>Journal of the American Chemical Society</i> , 2001, 123, 603-611.	13.7	88
7	Operationally Unsaturated Pincer/Rhenium Complexes Form Metal Carbenes from Cycloalkenes and Metal Carbynes from Alkanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 6003-6016.	13.7	65
8	Aromatic vs Aliphatic C-H Cleavage of Alkyl-Substituted Pyridines by (PNiPr)Re Compounds. <i>Journal of the American Chemical Society</i> , 2004, 126, 2105-2113.	13.7	59
9	Transformation of Acyclic Alkenes to Hydrido Carbynes by (PNPR)Re Complexes. <i>Journal of the American Chemical Society</i> , 2004, 126, 6363-6378.	13.7	54
10	Decarbonylation of Acetone and Carbonate at a Pincer-Ligated Ru Center. <i>Organometallics</i> , 2005, 24, 186-189.	2.3	52
11	Design Criteria for Polyazine Extractants To Separate An ^{III} from Ln ^{III} . <i>Inorganic Chemistry</i> , 2013, 52, 10632-10642.	4.0	48
12	A π -Basic Rhenium Center that Effects Cyclohexene Isomerization to a η^2 -Agostic Carbene Ligand. <i>Journal of the American Chemical Society</i> , 2003, 125, 9604-9605.	13.7	44
13	Phosphaazaallene and phosphinylimide complexes stemming from a terminal and four-coordinate titanium phosphinidene. <i>Dalton Transactions</i> , 2003, , 4228-4229.	3.3	43
14	Conversion of Ethylene to Hydride and Ethylidyne by an Amido Rhenium Polyhydride. <i>Organometallics</i> , 2003, 22, 2539-2541.	2.3	42
15	Bis(methylidene) Complex of Tantalum Supported by a PNP Ligand. <i>Organometallics</i> , 2007, 26, 4866-4868.	2.3	39
16	Double C(sp ³) dehydrogenation as a route to coordinated Arduengo carbenes: experiment and computation on comparative π -acidity. <i>New Journal of Chemistry</i> , 2003, 27, 1446-1450.	2.8	36
17	Double Silyl Migration Converting ORe[N(SiMe ₂ CH ₂ PCy ₂) ₂] to NRe[O(SiMe ₂ CH ₂ PCy ₂) ₂] Substructures. <i>Inorganic Chemistry</i> , 2002, 41, 5615-5625.	4.0	29
18	Amido/phosphine pincer hydrides of ruthenium. <i>New Journal of Chemistry</i> , 2003, 27, 263-273.	2.8	25

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19	Role of the Uranyl Oxo Group as a Hydrogen Bond Acceptor. <i>Inorganic Chemistry</i> , 2011, 50, 2599-2605.	4.0	23
20	JCE VIPeR: An Inorganic Teaching and Learning Community. <i>Journal of Chemical Education</i> , 2009, 86, 766.	2.3	22
21	π-Donor olefin substituents alter olefin binding to CpFe(CO) ₂ ⁺ . <i>New Journal of Chemistry</i> , 2003, 27, 1769-1774.	2.8	19
22	Facile Insertion of Terminal Acetylenes into the Rull ⁺ NR ₂ Bond of a 14-Valence-Electron Complex. <i>Organometallics</i> , 2004, 23, 4814-4816.	2.3	18
23	Functionalization of Complexed N ₂ O in Bis(pentamethylcyclopentadienyl) Systems of Zirconium and Titanium. <i>Organometallics</i> , 2014, 33, 2760-2769.	2.3	18
24	Terminal Acetylenes React to Increase Unsaturation in [(tBu ₂ PCH ₂ SiMe ₂) ₂ N]Re(H) ₄ . <i>Organometallics</i> , 2004, 23, 4934-4943.	2.3	16
25	Inorganic Chemistry and IONiC: An Online Community Bringing Cutting-Edge Research into the Classroom. <i>Inorganic Chemistry</i> , 2011, 50, 5849-5854.	4.0	16
26	The fate of nitric oxide in its reaction with the 14-valence-electron planar species [(tBu ₂ PCH ₂ SiMe ₂) ₂ N]RuCl. <i>Journal of Molecular Catalysis A</i> , 2004, 224, 51-59.	4.8	8
27	Building an Online Teaching Community. <i>ACS Symposium Series</i> , 2010, , 309-330.	0.5	7
28	IONiC: A Cyber-Enabled Community of Practice for Improving Inorganic Chemical Education. <i>Journal of Chemical Education</i> , 2009, 86, 123.	2.3	6
29	Building Community: A Reflection on the Interactive Online Network of Inorganic Chemists. <i>ACS Symposium Series</i> , 2020, , 131-139.	0.5	5
30	Self-assembled trinuclear arsenic and antimony macrobicycles. <i>Chemical Science</i> , 2015, 6, 2444-2448.	7.4	4
31	Teaching from the primary inorganic literature: lessons from Richard Andersen. <i>Dalton Transactions</i> , 2018, 47, 13755-13760.	3.3	4