# Elliott B Hulley

List of Publications by Year
in descending order



| 26 | 706 | 623734 | 610901 |
|---|---|---|---|
| papers | citations | 14 h-index | 24 g-index |

| 28 | 28 | 28 | 936 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transition Metal Complexes for Dinitrogen Coordination and Activation. , 2021, , 363-409. | | 1 |
| 2 | Alkali Metal Intercalation and Reduction of Layered WO<sub>2</sub>Cl<sub>2</sub>. Chemistry of Materials, 2020, 32, 10482-10488. | 6.7 | 6 |
| 3 | A Terminal Rh Methylidene from Activation of CH2Cl2. Organometallics, 2020, 39, 2356-2364. | 2.3 | 9 |
| 4 | Self-assembly of an organometallic Fe<sub>9</sub>O<sub>6</sub> cluster from aerobic oxidation of (tmeda)Fe(CH<sub>2</sub><sup>t</sup>Bu)<sub>2</sub>. Chemical Communications, 2020, 56, 4994-4997. | 4.1 | 2 |
| 5 | Electrostatic polarization of nonpolar substrates: a study of interactions between simple cations and Mo-bound N2. Dalton Transactions, 2019, 48, 11004-11017. | 3.3 | 8 |
| 6 | Azaallyl-derived ring formation via redox coupling in first row transition metals. Polyhedron, 2019, 158, 225-233. | 2.2 | 5 |
| 7 | Ligand dynamics and protonation preferences of Rh and Ir complexes bearing an almost, but not quite, pendent base. Dalton Transactions, 2018, 47, 2670-2682. | 3.3 | 3 |
| 8 | Absolute Estimates of PdII(Î·2-Arene) Câ€“H Acidity. Organometallics, 2018, 37, 2706-2715. | 2.3 | 12 |
| 9 | Tridentate phosphine ligands bearing aza-crown ether lariats. Polyhedron, 2018, 141, 385-392. | 2.2 | 6 |
| 10 | Understanding the Relationship Between Kinetics and Thermodynamics in CO<sub>2</sub> Hydrogenation Catalysis. ACS Catalysis, 2017, 7, 6008-6017. | 11.2 | 43 |
| 11 | Application of 93Nb NMR spectroscopy to (silox)3Nb(Xn/Lm) complexes (silox =tBu3SiO): Where does (silox)3Nb(NN)Nb(silox)3 appear?. Polyhedron, 2016, 103, 105-114. | 2.2 | 12 |
| 12 | Crystal structure ofcis,fac-{N,N-bis[(pyridin-2-yl)methyl]methylamine-Î²3N,Nâ€²,Nâ€²â€²}dichlorido(dimethyl) Tj ETQq0 0 0 rgBT /Overlo 71, m169-m170. | 0.5 | 0 |
| 13 | Iron Complexes Bearing Diphosphine Ligands with Positioned Pendant Amines as Electrocatalysts for the Oxidation of H<sub>2</sub>. Organometallics, 2015, 34, 2747-2764. | 2.3 | 37 |
| 14 | Increasing the rate of hydrogen oxidation without increasing the overpotential: a bio-inspired iron molecular electrocatalyst with an outer coordination sphere proton relay. Chemical Science, 2015, 6, 2737-2745. | 7.4 | 40 |
| 15 | Manganese-Based Molecular Electrocatalysts for Oxidation of Hydrogen. ACS Catalysis, 2015, 5, 6838-6847. | 11.2 | 43 |
| 16 | Heterolytic cleavage of H<sub>2</sub> by bifunctional manganese(<scp>i</scp>) complexes: impact of ligand dynamics, electrophilicity, and base positioning. Chemical Science, 2014, 5, 4729-4741. | 7.4 | 44 |
| 17 | Disparate reactivity from isomeric {Me 2 C(CH 2 N CHpy) 2 } and {Me 2 C(CH NCH 2 py) 2 } chelates in iron complexation. Polyhedron, 2014, 84, 182-191. | 2.2 | 8 |
| 18 | The Influence of the Second and Outer Coordination Spheres on Rh(diphosphine)<sub>2</sub> CO<sub>2</sub> Hydrogenation Catalysts. ACS Catalysis, 2014, 4, 3663-3670. | 11.2 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Cobalt Hydride Catalyst for the Hydrogenation of CO<sub>2</sub>: Pathways for Catalysis and Deactivation. ACS Catalysis, 2014, 4, 3755-3762. | 11.2 | 102 |
| 20 | Iron Complexes for the Electrocatalytic Oxidation of Hydrogen: Tuning Primary and Secondary Coordination Spheres. ACS Catalysis, 2014, 4, 1246-1260. | 11.2 | 47 |
| 21 | Rapid, Reversible Heterolytic Cleavage of Bound H<sub>2</sub>. Journal of the American Chemical Society, 2013, 135, 11736-11739. | 13.7 | 67 |
| 22 | Exploring the limits of redox non-innocence: pseudo square planar [{Î²4-Me2C(CH2Nî€CHpy)2}Ni]n (n = 2+,) Tj ETQq0 0 0 rgBT /Overloc | 7.4 | 27 |
| 23 | Carbonâ€“Carbon Bond Formation from Azaallyl and Imine Couplings about Metalâ€“Metal Bonds. Journal of the American Chemical Society, 2011, 133, 18058-18061. | 13.7 | 43 |
| 24 | Pnictogen-Hydride Activation by (silox)<sub>3</sub>Ta (silox = <sup>t</sup>Bu<sub>3</sub>SiO); Attempts to Circumvent the Constraints of Orbital Symmetry in N<sub>2</sub> Activation. Inorganic Chemistry, 2010, 49, 8524-8544. | 4.0 | 30 |
| 25 | [(silox)3M]2(Î¼:Î·1,Î·1-P2) (M = Nb, Ta) and [(silox)3Nb]2{Î¼:Î·2,Î·2-(cP3â€“cP3)} from (silox)3M (M = NbPMe3, Ta) and P4 (silox = tBu3SiO). Chemical Communications, 2009, , 6412. | 4.1 | 26 |
| 26 | Olefin Substitution in (silox)<sub>3</sub>M(olefin) (silox = <sup>t</sup>Bu<sub>3</sub>SiO;) Tj ETQq0 0 0 rgBT /Overlock 10 of the American Chemical Society, 2008, 130, 1183-1196. | 13.7 | 48 |