

# Rebecca A Musgrave

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

495  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic magnets with large coercivity and ordering temperatures up to 242 Å°C. <i>Science</i> , 2020, 370, 587-592.	12.6	91
2	Strained Ferrocenophanes. <i>Organometallics</i> , 2013, 32, 5654-5667.	2.3	78
3	Transition Metal Complexes of Anionic Nâ€Heterocyclic Dicarbene Ligands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10832-10835.	13.8	61
4	Main-chain metallopolymers at the staticâ€dynamic boundary based on nickelocene. <i>Nature Chemistry</i> , 2017, 9, 743-750.	13.6	54
5	Iron( <i>sc</i> ) complexes of ditopic carbanionic carbenes. <i>Dalton Transactions</i> , 2014, 43, 4335-4344.	3.3	36
6	Synthesis, Characterization, and Properties of Poly(aryl)phosphinoboranes Formed via Ironâ€Catalyzed Dehydropolymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700120.	2.2	26
7	Influence of Ring Strain and Bond Polarization on the Ring Expansion of Phosphorus Homocycles. <i>Inorganic Chemistry</i> , 2017, 56, 4521-4537.	4.0	18
8	Linear and Branched Fiber-like Micelles from the Crystallization-Driven Self-Assembly of Heterobimetallic Block Copolymer Polyelectrolyte/Surfactant Complexes. <i>Macromolecules</i> , 2019, 52, 7289-7300.	4.8	17
9	Chiral Transmission to Cationic Polycobaltocenes over Multiple Length Scales Using Anionic Surfactants. <i>Journal of the American Chemical Society</i> , 2018, 140, 7222-7231.	13.7	16
10	Electrochemically switchable polymerization from surface-anchored molecular catalysts. <i>Chemical Science</i> , 2021, 12, 9042-9052.	7.4	15
11	Tuning the Polymerization Behavior of Silicon-Bridged [1]Ferrocenophanes Using Bulky Substituents. <i>Organometallics</i> , 2015, 34, 897-907.	2.3	13
12	Diiron oxo reactivity in a weak-field environment. <i>Chemical Science</i> , 2019, 10, 6304-6310.	7.4	10
13	A linear metalâ€metal bonded tri-iron single-molecule magnet. <i>Chemical Communications</i> , 2021, 57, 13357-13360.	4.1	10
14	Ringâ€Opening Polymerisation of Lowâ€Strain Nickelocenophanes: Synthesis and Magnetic Properties of Polynickelocenes with Carbon and Silicon Main Chain Spacers. <i>Chemistry - A European Journal</i> , 2019, 25, 1044-1054.	3.3	9
15	New reactivity at the silicon bridge in sila[1]ferrocenophanes. <i>Dalton Transactions</i> , 2018, 47, 2759-2768.	3.3	8
16	Revealing redox isomerism in trichromium imides by anomalous diffraction. <i>Chemical Science</i> , 2021, 12, 15739-15749.	7.4	8
17	Role of torsional strain in the ring-opening polymerisation of low strain [n]nickelocenophanes. <i>Chemical Science</i> , 2019, 10, 9841-9852.	7.4	6
18	Redox Chemistry of Nickelocene-Based Monomers and Polymers. <i>Organometallics</i> , 2021, 40, 1945-1955.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Fused ferrocenes come full circle. Nature Chemistry, 2016, 8, 819-820.	13.6	3