

# Jordan A Degayner

## List of Publications by Year in descending order

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12  
papers

776  
citations

759233

12  
h-index

1199594

12  
g-index

12  
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12  
docs citations

12  
times ranked

1463  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dimeric Hydride-Bridged Complex with Geometrically Distinct Iron Centers Giving Rise to an $S = 3$ Ground State. <i>Journal of the American Chemical Society</i> , 2019, 141, 11970-11975.	13.7	13
2	Strong $\pi$ -Backbonding Enables Record Magnetic Exchange Coupling Through Cyanide. <i>Journal of the American Chemical Society</i> , 2019, 141, 17092-17097.	13.7	21
3	Thiosemiquinoid Radical-Bridged $\text{Cr}^{\text{III}}_2$ Complexes with Strong Magnetic Exchange Coupling. <i>Inorganic Chemistry</i> , 2019, 58, 7044-7053.	4.0	23
4	Reversible redox switching of magnetic order and electrical conductivity in a 2D manganese benzoquinoid framework. <i>Chemical Science</i> , 2019, 10, 4652-4661.	7.4	61
5	Spontaneous Electronic Band Formation and Switchable Behaviors in a Phase-Rich Superatomic Crystal. <i>Journal of the American Chemical Society</i> , 2018, 140, 15601-15605.	13.7	17
6	Tunable Mixed-Valence Doping toward Record Electrical Conductivity in a Three-Dimensional Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2018, 140, 7411-7414.	13.7	204
7	Harnessing Structural Dynamics in a 2D Manganese-Benzoquinoid Framework To Dramatically Accelerate Metal Transport in Diffusion-Limited Metal Exchange Reactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 11444-11453.	13.7	31
8	A Ferric Semiquinoid Single-Chain Magnet via Thermally-Switchable Metal-Ligand Electron Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 6550-6553.	13.7	78
9	2D Conductive Iron-Quinoid Magnets Ordering up to $T_c = 105$ K via Heterogenous Redox Chemistry. <i>Journal of the American Chemical Society</i> , 2017, 139, 4175-4184.	13.7	196
10	Spectroscopic and Computational Studies of Spin States of Iron(IV) Nitrido and Imido Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 4751-4768.	4.0	41
11	Iron Pincer Complexes Incorporating Bipyridine: A Strategy for Stabilization of Reactive Species. <i>Organometallics</i> , 2017, 36, 4928-4935.	2.3	25
12	A series of tetraazalene radical-bridged $\text{M}_2$ ( $\text{M} = \text{Cr}^{\text{III}}$ , $\text{Mn}^{\text{II}}$ ) <i>Journal of the American Chemical Society</i> , 2015, 137, 6639-6648.	7.4	66