

# Sean N Natoli

## List of Publications by Year in descending order

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papers

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citations

759233

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docs citations

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times ranked

562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noble <sup>~</sup> Metal Substitution in Hemoproteins: An Emerging Strategy for Abiological Catalysis. <i>Accounts of Chemical Research</i> , 2019, 52, 326-335.	15.6	104
2	Site <sup>~</sup> Selective Functionalization of (sp <sup>3</sup> )C <sup>~</sup> H Bonds Catalyzed by Artificial Metalloenzymes Containing an Iridium <sup>~</sup> Porphyrin Cofactor. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13954-13960.	13.8	62
3	Redox-Active Molecular Nanowire Flash Memory for High-Endurance and High-Density Nonvolatile Memory Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27306-27313.	8.0	59
4	Engineering Chemically Exfoliated Large <sup>~</sup> Area Two <sup>~</sup> Dimensional MoS <sub>2</sub> Nanolayers with Porphyrins for Improved Light Harvesting. <i>ChemPhysChem</i> , 2016, 17, 2854-2862.	2.1	32
5	Dimeric Complexes of Co(III)(cyclam) with a Polyyne-diyl Bridge. <i>Organometallics</i> , 2015, 34, 686-689.	2.3	30
6	Co <sup>III</sup> (cyclam) Oligoynyls: Monomeric Oligoynyl Complexes and Dimeric Complexes with an Oligoyn-diyl Bridge. <i>Organometallics</i> , 2016, 35, 1329-1338.	2.3	28
7	Synthesis and Electronic Structure of Ru <sub>2</sub> (X <sup>ap</sup> ) <sub>4</sub> (Y <sup>gem</sup> -DEE) Type Compounds: Effect of <sup>~</sup> Cross- <sup>~</sup> Conjugation. <i>Inorganic Chemistry</i> , 2015, 54, 7645-7652.	4.0	25
8	A Synthetic Approach to Cross-Conjugated Organometallic Complexes Based on <sup>~</sup> geminal <sup>~</sup> -Diethynylethene and Co <sup>III</sup> (cyclam). <i>Organometallics</i> , 2016, 35, 3594-3603.	2.3	18
9	Cobalt(III) Bridged by <sup>~</sup> gem <sup>~</sup> -DEE: Facile Access to a New Type of Cross-Conjugated Organometallics. <i>Organometallics</i> , 2015, 34, 5207-5209.	2.3	16
10	Stepwise Synthesis of Bis-Alkynyl Co <sup>III</sup> (cyclam) Complexes under Ambient Conditions. <i>Inorganic Chemistry</i> , 2016, 55, 5756-5758.	4.0	14
11	An Aerobic Synthetic Approach toward Bis-Alkynyl Cobalt(III) Compounds. <i>Inorganic Chemistry</i> , 2017, 56, 10021-10031.	4.0	14
12	Investigation of the Electronic Structure of Aryl-Bridged Dinuclear U(III) and U(IV) Compounds. <i>Organometallics</i> , 2019, 38, 1031-1040.	2.3	14
13	Turning a New Leaf on Metal-TMC Chemistry: Ni <sup>II</sup> (TMC) Acetylides. <i>Inorganic Chemistry</i> , 2015, 54, 10058-10064.	4.0	10
14	Nonvolatile memory based on redox-active ruthenium molecular monolayers. <i>Applied Physics Letters</i> , 2019, 115, 162102.	3.3	6
15	New Diruthenium Bis-alkynyl Compounds as Potential Ditopic Linkers. <i>Organometallics</i> , 2013, 32, 6461-6467.	2.3	5
16	Diruthenium-DMBA compounds bearing extended cross-conjugated ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 90-96.	1.8	5
17	Site <sup>~</sup> Selective Functionalization of (sp <sup>3</sup> )C <sup>~</sup> H Bonds Catalyzed by Artificial Metalloenzymes Containing an Iridium <sup>~</sup> Porphyrin Cofactor. <i>Angewandte Chemie</i> , 2019, 131, 14092-14098.	2.0	5
18	Demonstrating Hund <sup>~</sup> 's Rule in Action by Exploring the Magnetic Properties of Metal Complexes with 3d <sub>n</sub> and 4f <sub>n</sub> Configurations. <i>Journal of Chemical Education</i> , 2018, 95, 126-130.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Photophysical Properties of Pt(II) Polypyridines with Five- versus Six-Membered Chelate Rings: Trade-Offs in Angle Strain. <i>Inorganic Chemistry</i> , 2018, 57, 6521-6529.	4.0	4
20	A Family of Cross-Conjugated Polyenyne Capped by CoIII(cyclam): Syntheses, Molecular and Electronic Structures. <i>Organometallics</i> , 2019, 38, 2758-2769.	2.3	2