

Sean N Natoli

List of Publications by Year in descending order

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

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19	Cobalt(III) Bridged by <i>gem</i> -DEE: Facile Access to a New Type of Cross-Conjugated Organometallics. <i>Organometallics</i> , 2015, 34, 5207-5209.	2.3	16
20	New Diruthenium Bis-alkynyl Compounds as Potential Ditopic Linkers. <i>Organometallics</i> , 2013, 32, 6461-6467.	2.3	5