

Anastasia V Blake

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterizing Polyoxovanadate-Alkoxide Clusters Using Vanadium K-Edge X-Ray Absorption Spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 1592-1597.	3.3	1
2	Single photon sources with near unity collection efficiencies by deterministic placement of quantum dots in nanoantennas. <i>APL Photonics</i> , 2021, 6, .	5.7	25
3	PbS/CdS Quantum Dot Room-Temperature Single-Emitter Spectroscopy Reaches the Telecom O and S Bands via an Engineered Stability. <i>ACS Nano</i> , 2021, 15, 575-587.	14.6	22
4	Strong Purcell enhancement at telecom wavelengths afforded by spinel Fe ₃ O ₄ nanocrystals with size-tunable plasmonic properties. <i>Nanoscale Horizons</i> , 2021, , .	8.0	2
5	Chelating Borohydrides for Lanthanides and Actinides: Structures, Mechanochemistry, and Case Studies with Phosphinodiboranates. <i>Inorganic Chemistry</i> , 2020, 59, 48-61.	4.0	14
6	Electronic Support Effects of Tunable Mixed Metal Oxides on Immobilized Palladium N-Heterocyclic Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2766-2766.	2.0	0
7	$[Am(C_5Me_4H)_3]$: An Organometallic Americium Complex (<i>Angew. Chem.</i> 34/2019). <i>Angewandte Chemie</i> , 2019, 131, 12050-12050.	2.0	0
8	Quantifying the Interdependence of Metal-Ligand Covalency and Bond Distance Using Ligand K-Edge XAS. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12451-12455.	13.8	11
9	Quantifying the Interdependence of Metal-Ligand Covalency and Bond Distance Using Ligand K-Edge XAS. <i>Angewandte Chemie</i> , 2019, 131, 12581-12585.	2.0	2
10	$[Am(C_5Me_4H)_3]$: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11695-11699.	13.8	29
11	$[Am(C_5Me_4H)_3]$: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019, 131, 11821-11825.	2.0	16
12	Validating the Biphilic Hypothesis of Nontrigonal Phosphorus(III) Compounds. <i>Angewandte Chemie</i> , 2019, 131, 7067-7072.	2.0	9
13	Validating the Biphilic Hypothesis of Nontrigonal Phosphorus(III) Compounds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6993-6998.	13.8	35
14	Solution and Solid-State Ligand K-Edge XAS Studies of PdCl ₂ Diphosphine Complexes with Phenyl and Cyclohexyl Substituents. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2267-2276.	2.0	9
15	Homoleptic uranium and lanthanide phosphinodiboranates. <i>Chemical Communications</i> , 2018, 54, 5602-5605.	4.1	8
16	Measurement of Diphosphine σ -Donor and π -Acceptor Properties in d ⁰ Titanium Complexes Using Ligand K-Edge XAS and TDDFT. <i>Inorganic Chemistry</i> , 2018, 57, 10277-10286.	4.0	11
17	Electronic Support Effects of Tunable Mixed Metal Oxides on Immobilized Palladium N-Heterocyclic Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2471-2479.	2.0	3
18	Solid energy calibration standards for P <i>K</i> -edge XANES: electronic structure analysis of PPh ₄ Br. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 529-536.	2.4	10

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19	Ligand K-edge XAS, DFT, and TDDFT analysis of pincer linker variations in Rh(<i>sc</i>) PNP complexes: reactivity insights from electronic structure. Dalton Transactions, 2016, 45, 9774-9785.	3.3	26
20	Impact of Coordination Geometry, Bite Angle, and Trans Influence on Metal–Ligand Covalency in Phenyl-Substituted Phosphine Complexes of Ni and Pd. Inorganic Chemistry, 2015, 54, 5646-5659.	4.0	31