

# Anastasia V Blake

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

265  
citations

1040056

9  
h-index

940533

16  
g-index

22  
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22  
docs citations

22  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validating the Biphilic Hypothesis of Nontrigonal Phosphorus(III) Compounds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6993-6998.	13.8	35
2	Impact of Coordination Geometry, Bite Angle, and Trans Influence on Metal–Ligand Covalency in Phenyl-Substituted Phosphine Complexes of Ni and Pd. <i>Inorganic Chemistry</i> , 2015, 54, 5646-5659.	4.0	31
3	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11695-11699.	13.8	29
4	Ligand K-edge XAS, DFT, and TDDFT analysis of pincer linker variations in Rh( <i>scpi</i> ) PNP complexes: reactivity insights from electronic structure. <i>Dalton Transactions</i> , 2016, 45, 9774-9785.	3.3	26
5	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
6	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
7	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019, 131, 11821-11825.	2.0	16
8	Chelating Borohydrides for Lanthanides and Actinides: Structures, Mechanochemistry, and Case Studies with Phosphinodiboranates. <i>Inorganic Chemistry</i> , 2020, 59, 48-61.	4.0	14
9	Measurement of Diphosphine $\sigma$ -Donor and $\pi$ -Acceptor Properties in d <sup>0</sup> Titanium Complexes Using Ligand K-Edge XAS and TDDFT. <i>Inorganic Chemistry</i> , 2018, 57, 10277-10286.	4.0	11
10	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
11	Solid energy calibration standards for P <i>K</i> -edge XANES: electronic structure analysis of PPh <sub>4</sub> Br. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 529-536.	2.4	10
12	Solution and Solid-State Ligand K-Edge XAS Studies of PdCl <sub>2</sub> Diphosphine Complexes with Phenyl and Cyclohexyl Substituents. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2267-2276.	2.0	9
13	Validating the Biphilic Hypothesis of Nontrigonal Phosphorus(III) Compounds. <i>Angewandte Chemie</i> , 2019, 131, 7067-7072.	2.0	9
14	Homoleptic uranium and lanthanide phosphinodiboranates. <i>Chemical Communications</i> , 2018, 54, 5602-5605.	4.1	8
15	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
16	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
17	Strong Purcell enhancement at telecom wavelengths afforded by spinel Fe <sub>3</sub> O <sub>4</sub> nanocrystals with size-tunable plasmonic properties. <i>Nanoscale Horizons</i> , 2021, , .	8.0	2
18	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

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19	Rücktitelbild: [Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex (Angew. Chem. 34/2019). Angewandte Chemie, 2019, 131, 12050-12050.	2.0	0
20	Electronic Support Effects of Tunable Mixed Metal Oxides on Immobilized Palladium N-Heterocyclic Carbene Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 2766-2766.	2.0	0