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**Total number of publications = 301 on October 19, 2020**

- (1) Advanced Magnetic Resonance Studies of Tetraphenylporphyrinatoiron(III) Halides. Tin, P.; Stavretis, S. E.; Ozerov, M.; Krzystek, J.; Ponomaryov, A. N.; Zvyagin, S. A.; Wosnitza, J.; Chen, C.-C.; Chen, P. P.-Y.; Telser, J.; Xue, Z.-L., [\*Appl. Magn. Reson.\*, \*\*2020\*\*](#), in press (invited article for the special issue dedicated to Prof. Dante Gatteschi on the occasion of his 75th birthday).
- (2) Tantalum  
Xue, Z.-L.; Cook, T. M. Invited review for the [\*Comprehensive Coordination Chemistry III, in press\*](#). This edition will cover developments in the field since the second edition [\*Comprehensive Coordination Chemistry II\*](#) published in 2003.
- (3) Sustained Release of Persulfate from Inert Inorganic Materials for Groundwater Remediation  
Pham, P. T.; Federico-Perez, R. A.; Fine, K. L.; Matzek, L. W.; Carter, K. E.; Palomino, A. M.; Xue, Z.-L., [\*Chemosphere\* \*\*2020\*\*, \*259\*, 127508](#).
- (4) Manganese Tetraphenylporphyrin Bromide and Iodide. Studies of Structures and Magnetic Properties  
Bone, A. N.; Stavretis, S. E.; Krzystek, J.; Liu, Z.; Chen, Q.; Gai, Z.; Wang, X.; Steren, C. A.; Powers, X. B.; Podlesnyak, A. A.; Chen, X.-T.; Telser, J.; Zhou, H.; Xue, Z.-L., [\*Polyhedron\* \*\*2020\*\*, \*184\*, 114488](#) (invited paper for the special issue on the Molecular Magnetism in North America).
- (5) Direct Observation of Magnetic Transitions in a Nickel(II) Complex with Large Anisotropy  
Widener, C. N.; Bone, A. N.; Ozerov, M.; Richardson, R.; Lu, Z.; Thirunavukkuarasu, K.; Smirnov, D.; Chen, X.-T.; Xue, Z.-L. [\*Chin. J. Inorg. Chem.\* \*\*2020\*\*, \*35\*, 1149-1156](#) (invited paper for the special issue celebrating the 100<sup>th</sup> anniversary of the founding of the School of Chemistry and Chemical Engineering, Nanjing University).
- (6) Formation of Zirconium Chloride Guanidinate Complexes from the Reaction of Their Amide Analog with CCl<sub>4</sub>  
Sharma, B.; Xue, Z.-L. [\*Chin. J. Inorg. Chem.\* \*\*2020\*\*, \*35\*, 1157-1162](#).
- (7) Inter-Kramers Transitions and Spin-Phonon Couplings in a Lanthanide-Based Single-Molecule Magnet

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- (8) Spectroscopic Studies of the Magnetic Excitation and Spin-Phonon Couplings in a Single-Molecule Magnet.  
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- (12) Synthesis and Structural Characterization of Metal Complexes with Macrocyclic Tetracarbene Ligands.  
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