

# Kathleen E Prosser

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

568  
citations

758635

12  
h-index

839053

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1262  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | <sup>19</sup> F-Tagged metal binding pharmacophores for NMR screening of metalloenzymes. <i>Chemical Communications</i> , 2021, 57, 4934-4937.  | 2.2 | 6         |
| 2  | Copper(II) Pyridyl Aminophenolates: Hypoxia-Selective, Nucleus-Targeting Cytotoxins, and Magnetic Resonance Probes. <i>Chemistry - A European Journal</i> , 2021, 27, 9839-9849.  | 1.7 | 10        |
| 3  | Evaluating Metal-Ligand Interactions of Metal-Binding Isosteres Using Model Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17161-17172.  | 1.9 | 1         |
| 4  | Expanding medicinal chemistry into 3D space: metallofragments as 3D scaffolds for fragment-based drug discovery. <i>Chemical Science</i> , 2020, 11, 1216-1225.   | 3.7 | 93        |
| 5  | Evaluation of 3-Dimensionality in Approved and Experimental Drug Space. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1292-1298.   | 1.3 | 35        |
| 6  | Room temperature aqueous synthesis of UiO-66 derivatives via postsynthetic exchange. <i>Dalton Transactions</i> , 2020, 49, 8841-8845.  | 1.6 | 19        |
| 7  | A catalytic antioxidant for limiting amyloid-beta peptide aggregation and reactive oxygen species generation. <i>Chemical Science</i> , 2019, 10, 1634-1643.  | 3.7 | 44        |
| 8  | Transition Metal Ions Promote the Bioavailability of Hydrophobic Therapeutics: Cu and Zn Interactions with RNA Polymerase II Inhibitor CX5461. <i>Chemistry - A European Journal</i> , 2018, 24, 6334-6338.   | 1.7 | 6         |
| 9  | Activation by Oxidation: Ferrocene-Functionalized Ru(II)-Arene Complexes with Anticancer, Antibacterial, and Antioxidant Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15247-15261.  | 1.9 | 51        |
| 10 | Optimal electrostatic interactions between substrate and protein are essential for radical chemistry in ornithine 4,5-aminomutase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1077-1084.                          | 1.1 | 4         |
| 11 | Lowering water oxidation overpotentials using the ionisable imidazole of copper(2-(2-pyridyl)imidazole). <i>Chemical Communications</i> , 2017, 53, 651-654.  | 2.2 | 56        |
| 12 | Electron Paramagnetic Resonance as a Tool for Studying the Mechanisms of Paramagnetic Anticancer Metallo drugs. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1573-1585.   | 1.0 | 21        |
| 13 | Anticancer copper pyridine benzimidazole complexes: ROS generation, biomolecule interactions, and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 89-99.  | 1.5 | 84        |
| 14 | CF <sub>3</sub> Derivatives of the Anticancer Ru(III) Complexes KP1019, NKP-1339, and Their Imidazole and Pyridine Analogues Show Enhanced Lipophilicity, Albumin Interactions, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2016, 55, 4850-4863. | 1.9 | 60        |
| 15 | Electronic Structure Evaluation of an Oxidized Tris(methoxy)-Substituted Ni Salen Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 49-55.  | 1.0 | 13        |
| 16 | Combining a Ru(II)-arene complex with a NO-releasing nitrate-ester ligand generates cytotoxic activity. <i>Dalton Transactions</i> , 2016, 45, 18079-18083.   | 1.6 | 4         |
| 17 | Induction of Cytotoxicity in Pyridine Analogues of the Anti-metastatic Ru(III) Complex NAMI-A by Ferrocene Functionalization. <i>Inorganic Chemistry</i> , 2016, 55, 177-190.   | 1.9 | 31        |
| 18 | Electronic Structure Description of a Doubly Oxidized Bimetallic Cobalt Complex with Proradical Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 762-774.  | 1.9 | 30        |