

# Silvia Alonso-de Castro

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

421  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upconverting nanoparticles for the near infrared photoactivation of transition metal complexes: new opportunities and challenges in medicinal inorganic photochemistry. Dalton Transactions, 2016, 45, 13012-13020.	3.3	86
2	Bioorthogonal Catalytic Activation of Platinum and Ruthenium Anticancer Complexes by FAD and Flavoproteins. Angewandte Chemie - International Edition, 2018, 57, 3143-3147.	13.8	68
3	Riboflavin as a bioorthogonal photocatalyst for the activation of a Pt <sup>IV</sup> prodrug. Chemical Science, 2017, 8, 4619-4625.	7.4	63
4	Self-assembly, interfacial properties, interactions with macromolecules and molecular modelling and simulation of microbial bio-based amphiphiles (biosurfactants). A tutorial review. Green Chemistry, 2021, 23, 3842-3944.	9.0	61
5	Catalysis Concepts in Medicinal Inorganic Chemistry. Chemistry - A European Journal, 2019, 25, 6651-6660.	3.3	35
6	Polyurethane based organic macromolecular contrast agents (PU-ORCAs) for magnetic resonance imaging. Polymer Chemistry, 2017, 8, 2693-2701.	3.9	26
7	Biological activity of Pt <sup>IV</sup> prodrugs triggered by riboflavin-mediated bioorthogonal photocatalysis. Scientific Reports, 2018, 8, 17198.	3.3	24
8	Ruthenium <sup>II</sup> -arene complexes bearing naphthyl-substituted 1,3-dioxindan-2-carboxamides ligands for G-quadruplex DNA recognition. Dalton Transactions, 2019, 48, 12040-12049.	3.3	20
9	Photorelease of Pyridyl Esters in Organometallic Ru(II) Arene Complexes. Molecules, 2015, 20, 7276-7291.	3.8	13
10	The Photochemistry of Transition Metal Complexes and Its Application in Biology and Medicine. Structure and Bonding, 2014, , 69-107.	1.0	10
11	Functionalizing NaGdF <sub>4</sub> :Yb,Er Upconverting Nanoparticles with Bone-Targeting Phosphonate Ligands: Imaging and In Vivo Biodistribution. Inorganics, 2019, 7, 60.	2.7	10
12	Metal substrate catalysis in the confined space for platinum drug delivery. Chemical Science, 2021, 13, 59-67.	7.4	5