

# Joan J Soldevila-Barreda

## List of Publications by Year in descending order

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17  
papers

736  
citations

840585

11  
h-index

887953

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1063  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer hydrogenation catalysis in cells as a new approach to anticancer drug design. <i>Nature Communications</i> , 2015, 6, 6582.	5.8	216
2	Approaches to the design of catalytic metallodrugs. <i>Current Opinion in Chemical Biology</i> , 2015, 25, 172-183.	2.8	122
3	Improved Catalytic Activity of Ruthenium <sup>II</sup> Arene Complexes in the Reduction of NAD <sup>+</sup> . <i>Organometallics</i> , 2012, 31, 5958-5967.	1.1	69
4	Half-sandwich rhodium(III) transfer hydrogenation catalysts: Reduction of NAD <sup>+</sup> and pyruvate, and antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 322-333.	1.5	54
5	Transfer Hydrogenation and Antiproliferative Activity of Tethered Half-Sandwich Organoruthenium Catalysts. <i>Organometallics</i> , 2018, 37, 1555-1566.	1.1	49
6	New activation mechanism for half-sandwich organometallic anticancer complexes. <i>Chemical Science</i> , 2018, 9, 3177-3185.	3.7	34
7	Precious metal carborane polymer nanoparticles: characterisation of micellar formulations and anticancer activity. <i>Faraday Discussions</i> , 2014, 175, 229-240.	1.6	33
8	Fabrication of crystals from single metal atoms. <i>Nature Communications</i> , 2014, 5, 3851.	5.8	31
9	Effect of sulfonamidoethylenediamine substituents in Ru <sup>II</sup> arene anticancer catalysts on transfer hydrogenation of coenzyme NAD <sup>+</sup> by formate. <i>Dalton Transactions</i> , 2018, 47, 7178-7189.	1.6	28
10	Arene ruthenium dithiolato <sup>II</sup> carborane complexes for boron neutron capture therapy (BNCT). <i>Journal of Organometallic Chemistry</i> , 2015, 796, 17-25.	0.8	27
11	Ligand <sup>II</sup> Controlled Reactivity and Cytotoxicity of Cyclometalated Rhodium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1052-1060.	1.0	26
12	Synthesis, Characterisation and In Vitro Anticancer Activity of Catalytically Active Indole-Based Half-Sandwich Complexes. <i>Molecules</i> , 2020, 25, 4540.	1.7	12
13	Preclinical Anticancer Activity of an Electron <sup>II</sup> Deficient Organoruthenium(II) Complex. <i>ChemMedChem</i> , 2020, 15, 982-987.	1.6	10
14	The Sound of Chemistry: Translating Infrared Wavenumbers into Musical Notes. <i>Journal of Chemical Education</i> , 2020, 97, 703-709.	1.1	9
15	Anticancer Activity of Electron <sup>II</sup> Deficient Metal Complexes against Colorectal Cancer in <sup>II</sup> vitro Models. <i>ChemMedChem</i> , 2019, 14, 1887-1893.	1.6	7
16	Indole-containing arene-ruthenium complexes with broad spectrum activity against antibiotic-resistant bacteria. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100099.	1.4	6
17	Evaluation of the Toxicity of Two Electron <sup>II</sup> Deficient Half <sup>II</sup> Sandwich Complexes against Human Lymphocytes from Healthy Individuals. <i>ChemMedChem</i> , 2021, 16, 624-629.	1.6	3