

# Elena Atriñan-Blasco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4230047/publications.pdf>

Version: 2024-02-01

18  
papers

663  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu and Zn coordination to amyloid peptides: From fascinating chemistry to debated pathological relevance. <i>Coordination Chemistry Reviews</i> , 2018, 371, 38-55.	18.8	120
2	Identification of key structural features of the elusive Cu <sup>II</sup> complex that generates ROS in Alzheimer's disease. <i>Chemical Science</i> , 2017, 8, 5107-5118.	7.4	104
3	Mutual interference of Cu and Zn ions in Alzheimer's disease: perspectives at the molecular level. <i>Dalton Transactions</i> , 2017, 46, 12750-12759.	3.3	68
4	Chemistry of mammalian metallothioneins and their interaction with amyloidogenic peptides and proteins. <i>Chemical Society Reviews</i> , 2017, 46, 7683-7693.	38.1	57
5	Ascorbate Oxidation by Cu(Amyloid- $\beta$ ) Complexes: Determination of the Intrinsic Rate as a Function of Alterations in the Peptide Sequence Revealing Key Residues for Reactive Oxygen Species Production. <i>Analytical Chemistry</i> , 2018, 90, 5909-5915.	6.5	44
6	In vitro and in vivo evaluation of organometallic gold(I) derivatives as anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 2462-2475.	3.3	41
7	Gold(I) complexes with alkylated PTA (1,3,5-triaza-7-phosphaadamantane) phosphanes as anticancer metallodrugs. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 164-172.	5.5	37
8	Copper(I) targeting in the Alzheimer's disease context: a first example using the biocompatible PTA ligand. <i>Metallomics</i> , 2015, 7, 1229-1232.	2.4	35
9	Novel Gold(I) Thiolate Derivatives Synergistic with 5-Fluorouracil as Potential Selective Anticancer Agents in Colon Cancer. <i>Inorganic Chemistry</i> , 2017, 56, 8562-8579.	4.0	32
10	Imidazole and Imidazolium Antibacterial Drugs Derived from Amino Acids. <i>Pharmaceuticals</i> , 2020, 13, 482.	3.8	28
11	Synthesis of Gold(I) Derivatives Bearing Alkylated 1,3,5-triaza-7-phosphaadamantane as Selective Anticancer Metallodrugs. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2791-2803.	2.0	23
12	Polyoxometalate-polypeptide nanoassemblies as peroxidase surrogates with antibiofilm properties. <i>Nanoscale</i> , 2022, 14, 5999-6006.	5.6	14
13	Antifungal Activity of Polyoxometalate-Ionic Liquids on Historical Brick. <i>Molecules</i> , 2020, 25, 5663.	3.8	12
14	The Aggregation Pattern of $\text{Al}^{3+}$ is Altered by the Presence of $\text{N}^+$ -Truncated $\text{Al}^{3+}$ and/or $\text{Cu}^{II}$ in a Similar Way through Ionic Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 2798-2809.	3.3	12
15	Keggin-type polyoxometalates as Cu(I) chelators in the context of Alzheimer's disease. <i>Chemical Communications</i> , 2022, 58, 2367-2370.	4.1	10
16	Hybrid Antimicrobial Films Containing a Polyoxometalate-Ionic Liquid. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4144-4153.	4.4	10
17	The aroylhydrazone INHHQ prevents memory impairment induced by Alzheimer's-linked amyloid- $\beta$ oligomers in mice. <i>Behavioural Pharmacology</i> , 2020, 31, 738-747.	1.7	9
18	Role of PTA in the prevention of Cu(amyloid- $\beta$ ) induced ROS formation and amyloid- $\beta$ oligomerisation in the presence of Zn. <i>Metallomics</i> , 2019, 11, 1154-1161.	2.4	7