

# Andreia Valente

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4009404/publications.pdf>

Version: 2024-02-01

51  
papers

1,511  
citations

304743

22  
h-index

315739

38  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinative Chain Transfer Polymerization. Chemical Reviews, 2013, 113, 3836-3857.	47.7	326
2	DNA interaction and cytotoxicity studies of new ruthenium(II) cyclopentadienyl derivative complexes containing heteroaromatic ligands. Journal of Inorganic Biochemistry, 2011, 105, 241-249.	3.5	83
3	Isoprene- $\sigma$ -Styrene Chain Shuttling Copolymerization Mediated by a Lanthanide Half-Sandwich Complex and a Lanthanidocene: Straightforward Access to a New Type of Thermoplastic Elastomers. Angewandte Chemie - International Edition, 2014, 53, 4638-4641.	13.8	67
4	In situ generated half-lanthanidocene based catalysts for the controlled oligomerisation of styrene: Selectivity, block copolymerisation and chain transfer. Polymer, 2007, 48, 4609-4614.	3.8	54
5	Tracking antitumor metallodrugs: promising agents with the Ru(II)- and Fe(II)-cyclopentadienyl scaffolds. Future Medicinal Chemistry, 2016, 8, 527-544.	2.3	53
6	Catalytic Chain Transfer (cc) Polymerization: Unprecedented Polyisoprene CCG and a New Concept to Tune the Composition of a Statistical Copolymer. Macromolecular Rapid Communications, 2009, 30, 528-531.	3.9	52
7	Anticancer activity of structurally related ruthenium(II) cyclopentadienyl complexes. Journal of Biological Inorganic Chemistry, 2014, 19, 853-867.	2.6	52
8	Borohydrido rare earth based coordinative chain transfer copolymerization: A convenient tool for tuning the microstructure of isoprene/styrene copolymers. Journal of Polymer Science Part A, 2011, 49, 1615-1620.	2.3	49
9	First polymer $\pi$ -ruthenium-cyclopentadienyl $\pi$ -complex as potential anticancer agent. Journal of Inorganic Biochemistry, 2013, 127, 79-81.	3.5	48
10	Metal- and metalloid-based compounds to target and reverse cancer multidrug resistance. Drug Resistance Updates, 2021, 58, 100778.	14.4	45
11	Rare earths/main group metal alkyls catalytic systems for the 1,4- <i>trans</i> stereoselective coordinative chain transfer polymerization of isoprene. Journal of Polymer Science Part A, 2010, 48, 4640-4647.	2.3	43
12	Unprecedented inhibition of P-gp activity by a novel ruthenium-cyclopentadienyl compound bearing a bipyridine-biotin ligand. European Journal of Medicinal Chemistry, 2019, 163, 853-863.	5.5	39
13	Reversible coordinative chain transfer polymerization of styrene by rare earth borohydrides, chlorides/dialkylmagnesium systems. Journal of Polymer Science Part A, 2010, 48, 802-814.	2.3	38
14	The key role of coligands in novel ruthenium(II)-cyclopentadienyl bipyridine derivatives: Ranging from non-cytotoxic to highly cytotoxic compounds. Journal of Inorganic Biochemistry, 2015, 150, 148-159.	3.5	36
15	Methyl-cyclopentadienyl Ruthenium Compounds with 2,2'-Bipyridine Derivatives Display Strong Anticancer Activity and Multidrug Resistance Potential. Inorganic Chemistry, 2018, 57, 4629-4639.	4.0	36
16	A New Family of Styrene/Diene Rubbers. Macromolecular Chemistry and Physics, 2007, 208, 973-978.	2.2	32
17	New polydentate Ru(III)-Salan complexes: Synthesis, characterization, anti-tumour activity and interaction with human serum proteins. Inorganica Chimica Acta, 2013, 394, 616-626.	2.4	31
18	Ruthenium- $\pi$ -Cyclopentadienyl Bipyridine- $\pi$ -Biotin Based Compounds: Synthesis and Biological Effect. Inorganic Chemistry, 2019, 58, 9135-9149.	4.0	31

#	ARTICLE	IF	CITATIONS
19	New ruthenium(II) mixed metallocene derived complexes: Synthesis, characterization by X-ray diffraction and evaluation on DNA interaction by atomic force microscopy. <i>Inorganica Chimica Acta</i> , 2010, 363, 3765-3775.	2.4	28
20	Syntheses of Macromolecular Ruthenium Compounds: A New Approach for the Search of Anticancer Drugs. <i>Inorganics</i> , 2014, 2, 96-114.	2.7	26
21	Polymer $\pi$ -ruthenium-cyclopentadienyl $\pi$ -conjugates - New emerging anti-cancer drugs. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 373-384.	5.5	26
22	In Vivo Performance of a Ruthenium-cyclopentadienyl Compound in an Orthotopic Triple Negative Breast Cancer Model. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 126-136.	1.7	25
23	New iron cyclopentadienyl complexes bearing different phosphane co-ligands: Structural factors vs. cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2017, 852, 34-42.	1.8	22
24	Novel ruthenium methylcyclopentadienyl complex bearing a bipyridine perfluorinated ligand shows strong activity towards colorectal cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 503-514.	5.5	22
25	New iron(II) cyclopentadienyl derivative complexes: Synthesis and antitumor activity against human leukemia cancer cells. <i>Journal of Organometallic Chemistry</i> , 2014, 756, 52-60.	1.8	21
26	Half $\pi$ -lanthanocene/dialkylmagnesium $\pi$ -mediated coordinative chain transfer copolymerization of styrene and hexene. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3778-3782.	2.3	20
27	A New Family of Iron(II)-Cyclopentadienyl Compounds Shows Strong Activity against Colorectal and Triple Negative Breast Cancer Cells. <i>Molecules</i> , 2020, 25, 1592.	3.8	20
28	Unprecedented collateral sensitivity for cisplatin-resistant lung cancer cells presented by new ruthenium organometallic compounds. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1983-1996.	6.0	20
29	Adenine as an organocatalyst for the ring-opening polymerization of lactide: scope, mechanism and access to adenine-functionalized polylactide. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 508-520.	3.7	19
30	Ruthenium carboranyl complexes with 2,2'-bipyridine derivatives for potential bimodal therapy application. <i>RSC Advances</i> , 2020, 10, 16266-16276.	3.6	14
31	Antitumour and Toxicity Evaluation of a Ru(II)-Cyclopentadienyl Complex in a Prostate Cancer Model by Imaging Tools. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1262-1275.	1.7	13
32	New Cyclams and Their Copper(II) and Iron(III) Complexes: Synthesis and Potential Application as Anticancer Agents. <i>ChemMedChem</i> , 2019, 14, 770-778.	3.2	11
33	A novel screening method for transition metal-based anticancer compounds using zebrafish embryo $\pi$ -karval assay and inductively coupled plasma $\pi$ -mass spectrometry analysis. <i>Journal of Applied Toxicology</i> , 2019, 39, 1173-1180.	2.8	11
34	Silica-Grafted Lanthanum Benzyl Species: Synthesis, Characterization, and Catalytic Applications. <i>Organometallics</i> , 2017, 36, 3912-3920.	2.3	10
35	Polymerization of $\epsilon$ -caprolactone using ruthenium(II) mixed metallocene catalysts and isopropyl alcohol: Living character and mechanistic study. <i>Journal of Molecular Catalysis A</i> , 2011, 346, 102-110.	4.8	9
36	Heteroleptic enantiopure Pd( $\eta^5$ )-complexes derived from halogen-substituted Schiff bases and 2-picolyamine: synthesis, experimental and computational characterization and investigation of the influence of chirality and halogen atoms on the anticancer activity. <i>New Journal of Chemistry</i> , 2021, 45, 9163-9180.	2.8	9

#	ARTICLE	IF	CITATIONS
37	Anticancer Activity and In Vitro to In Vivo Mechanistic Recapitulation of Novel Ruthenium-Based Metallodrugs in the Zebrafish Model. <i>Toxicological Sciences</i> , 2021, 182, 29-43.	3.1	9
38	Ruthenium(II)-Cyclopentadienyl-Derived Complexes as New Emerging Anti-Colorectal Cancer Drugs. <i>Pharmaceutics</i> , 2022, 14, 1293.	4.5	9
39	Biotinylated Polymer-Ruthenium Conjugates: In Vitro and In Vivo Studies in a Triple-Negative Breast Cancer Model. <i>Pharmaceutics</i> , 2022, 14, 1388.	4.5	9
40	Half-lanthanidocenes catalysts via the $\alpha$ -borohydride/alkyl route: A simple approach of ligand screening for the controlled polymerization of styrene. <i>Comptes Rendus Chimie</i> , 2008, 11, 595-602.	0.5	7
41	Cyclodextrins Initiated Ring-Opening Polymerization of Lactide Using 4-Dimethylaminopyridine (DMAP) as Catalyst: Study of DMAP/ $\beta$ -CD Inclusion Complex and Access to New Structures. <i>Molecules</i> , 2022, 27, 1083.	3.8	5
42	Synthesis of new Fe(II) and Ru(II) $\eta^5$ -monocyclopentadienyl compounds showing significant second order NLO properties. <i>Journal of Organometallic Chemistry</i> , 2013, 736, 42-49.	1.8	4
43	Ruthenium and iron metallodrugs: new inorganic and organometallic complexes as prospective anticancer agents. , 2021, , 223-276.		4
44	$\eta^6$ -(2-phenoxyethanol) ruthenium(II)-complexes of 2,2'-bipyridine and its derivatives: Solution speciation and kinetic behaviour. <i>Journal of Organometallic Chemistry</i> , 2016, 820, 20-29.	1.8	3
45	Synthesis, Characterization and Anticancer Studies of Rh(I), Rh(III), Pd(II) and Pt(II) Complexes Bearing A Dithiooxamide Ligand. <i>ChemistrySelect</i> , 2020, 5, 810-817.	1.5	3
46	Macromol. Chem. Phys. 8/2007. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1024-1024.	2.2	0
47	Unraveling the mode of action of new promising polymer-ruthenium conjugates. <i>Ultrastructural Pathology</i> , 2017, 41, 129-130.	0.9	0
48	Cyclam-based compounds as a novel class of antibacterial and antitumoral agents. , 0, , .		0
49	Ruthenium-based agents as promising metallodrugs to fight colorectal cancer. , 0, , .		0
50	Ruthenium organometallic compounds as ABC drug efflux-targeted agents and collateral sensitizers. , 0, , .		0
51	Iron-cyclopentadienyl compounds with nitrile-based ligands show strong activity against a broad panel of human cancer cell lines. , 0, , .		0