

Alexandra R Fernandes

List of Publications by Year in descending order

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173
papers

6,914
citations

81839

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h-index

74108

75
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178
all docs

178
docs citations

178
times ranked

10086
citing authors

#	ARTICLE	IF	CITATIONS
1	New lessons from ancient life: marine invertebrates as a source of new drugs. <i>Annals of Medicine</i> , 2024, 51, 45-45.	1.5	0
2	Manganese(II) tricarbonyl complexes as potential anticancer agents. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 49-64.	1.1	4
3	Platinum(II) and Copper(II) complexes of asymmetric halogen-substituted [NN ¹ O] ligands: Synthesis, characterization, structural investigations and antiproliferative activity. <i>Bioorganic Chemistry</i> , 2022, 119, 105556.	2.0	3
4	Quercetin Liposomal Nanoformulation for Ischemia and Reperfusion Injury Treatment. <i>Pharmaceutics</i> , 2022, 14, 104.	2.0	15
5	Investigation of the influence of chirality and halogen atoms on the anticancer activity of enantiopure palladium(II) complexes derived from chiral amino-alcohol Schiff bases and 2-picolyamine. <i>New Journal of Chemistry</i> , 2022, 46, 6470-6483.	1.4	12
6	Light Triggered Enhancement of Antibiotic Efficacy in Biofilm Elimination Mediated by Gold-Silver Alloy Nanoparticles. <i>Frontiers in Microbiology</i> , 2022, 13, 841124.	1.5	7
7	Endogenous Fluorescent Proteins in the Mucus of an Intertidal Polychaeta: Clues for Biotechnology. <i>Marine Drugs</i> , 2022, 20, 224.	2.2	4
8	Exploiting the antiproliferative potential of spiropyrazoline oxindoles in a human ovarian cancer cell line. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115880.	1.4	12
9	Cation-mediated gelation of the fucose-rich polysaccharide FucoPol: preparation and characterization of hydrogel beads and their cytotoxicity assessment. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 90-99.	1.8	10
10	Specific Antiproliferative Properties of Proteinaceous Toxin Secretions from the Marine Annelid <i>Eulalia</i> sp. onto Ovarian Cancer Cells. <i>Marine Drugs</i> , 2021, 19, 31.	2.2	11
11	Cu(II) complexes as new antiproliferative agents against sensitive and doxorubicin resistant colorectal cancer cells: synthesis, characterization, and mechanisms of action. <i>Dalton Transactions</i> , 2021, 50, 1845-1865.	1.6	14
12	Half-Sandwich Ru(<i>p</i> -cymene) Compounds with Diphosphanes: <i>In Vitro</i> and <i>In Vivo</i> Evaluation As Potential Anticancer Metallodrugs. <i>Inorganic Chemistry</i> , 2021, 60, 2914-2930.	1.9	18
13	Combined cancer therapeutics—Tackling the complexity of the tumor microenvironment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1704.	3.3	12
14	<i>In Vitro</i> and <i>In Vivo</i> Effect of Palladacycles: Targeting A2780 Ovarian Carcinoma Cells and Modulation of Angiogenesis. <i>Inorganic Chemistry</i> , 2021, 60, 3939-3951.	1.9	17
15	Drug delivery nanosystems targeted to hepatic ischemia and reperfusion injury. <i>Drug Delivery and Translational Research</i> , 2021, 11, 397-410.	3.0	8
16	<i>Rosa x hybrida</i> extracts with dual actions: Antiproliferative effects against tumour cells and inhibitor of Alzheimer disease. <i>Food and Chemical Toxicology</i> , 2021, 149, 112018.	1.8	10
17	Liposomal Nanosystems in Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2021, 13, 454.	2.0	19
18	Triazole-Based Half-Sandwich Ruthenium(II) Compounds: From <i>In Vitro</i> Antiproliferative Potential to <i>In Vivo</i> Toxicity Evaluation. <i>Inorganic Chemistry</i> , 2021, 60, 8011-8026.	1.9	7

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19	Inflammatory factors, <sc>genetic variants</sc>, and predisposition for preterm birth. <i>Clinical Genetics</i> , 2021, 100, 357-367.	1.0	12
20	Square planar Au(III), Pt(II) and Cu(II) complexes with quinoline-substituted 2,2',6',2''-terpyridine ligands: From in Vitro to in Vivo biological properties. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113404.	2.6	32
21	New Insights on <i>Streptococcus dysgalactiae</i> subsp. <i>dysgalactiae</i> Isolates. <i>Frontiers in Microbiology</i> , 2021, 12, 686413.	1.5	14
22	Evaluation of the In Vitro and In Vivo Efficacy of Ruthenium Polypyridyl Compounds against Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8916.	1.8	3
23	N-Heterocyclic Carbene Iron Complexes as Anticancer Agents: In Vitro and In Vivo Biological Studies. <i>Molecules</i> , 2021, 26, 5535.	1.7	5
24	Copper(II) complexes with tridentate halogen-substituted Schiff base ligands: synthesis, crystal structures and investigating the effect of halogenation, leaving groups and ligand flexibility on antiproliferative activities. <i>Dalton Transactions</i> , 2021, 50, 3990-4007.	1.6	28
25	Benchtop X-ray fluorescence imaging as a tool to study gold nanoparticle penetration in 3D cancer spheroids. <i>RSC Advances</i> , 2021, 11, 26344-26353.	1.7	3
26	A Transcriptomic Approach to the Recruitment of Venom Proteins in a Marine Annelid. <i>Toxins</i> , 2021, 13, 97.	1.5	8
27	Vanadium(IV) Complexes with Methyl-Substituted 8-Hydroxyquinolines: Catalytic Potential in the Oxidation of Hydrocarbons and Alcohols with Peroxides and Biological Activity. <i>Molecules</i> , 2021, 26, 6364.	1.7	4
28	Aggregation versus Biological Activity in Gold(I) Complexes. An Unexplored Concept. <i>Inorganic Chemistry</i> , 2021, 60, 18753-18763.	1.9	7
29	New Non-Toxic N-alkyl Cholinium-Based Ionic Liquids as Excipients to Improve the Solubility of Poorly Water-Soluble Drugs. <i>Symmetry</i> , 2021, 13, 2053.	1.1	13
30	Genetic Biomarkers in Chronic Myeloid Leukemia: What Have We Learned So Far?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12516.	1.8	19
31	Zn(II) and Co(II) derivatives anchored with scorpionate precursor: Antiproliferative evaluation in human cancer cell lines. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110881.	1.5	4
32	Improving the Anti-inflammatory Response via Gold Nanoparticle Vectorization of CO-Releasing Molecules. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1090-1101.	2.6	17
33	Antiproliferative Activities of Diimine-Based Mixed Ligand Copper(II) Complexes. <i>ACS Combinatorial Science</i> , 2020, 22, 89-99.	3.8	29
34	Light Irradiation of Gold Nanoparticles Toward Advanced Cancer Therapeutics. <i>Advanced Therapeutics</i> , 2020, 3, 1900153.	1.6	34
35	Tackling Multidrug Resistance in <i>Streptococci</i> – From Novel Biotherapeutic Strategies to Nanomedicines. <i>Frontiers in Microbiology</i> , 2020, 11, 579916.	1.5	24
36	Gold Nanoparticles for Vectorization of Nucleic Acids for Cancer Therapeutics. <i>Molecules</i> , 2020, 25, 3489.	1.7	27

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37	New copper(<i>scpi</i>) complexes selective for prostate cancer cells. Dalton Transactions, 2020, 49, 12273-12286.	1.6	9
38	Hyperthermia Induced by Gold Nanoparticles and Visible Light Phototherapy Combined with Chemotherapy to Tackle Doxorubicin Sensitive and Resistant Colorectal Tumor 3D Spheroids. International Journal of Molecular Sciences, 2020, 21, 8017.	1.8	19
39	Size-Dependent Biological Activities of Fluorescent Organosilane-Modified Zinc Oxide Nanoparticles. Journal of Biomedical Nanotechnology, 2020, 16, 137-152.	0.5	15
40	The Intracellular Number of Magnetic Nanoparticles Modulates the Apoptotic Death Pathway after Magnetic Hyperthermia Treatment. ACS Applied Materials & Interfaces, 2020, 12, 43474-43487.	4.0	36
41	Singularities of Pyogenic Streptococcal Biofilms – From Formation to Health Implication. Frontiers in Microbiology, 2020, 11, 584947.	1.5	12
42	Nano- μ Micro Sildenafil Dry Powder Formulations for the Treatment of Pulmonary Arterial Hypertension Disorders: The Synergic Effect of POxylated Polyurea Dendrimers, PLGA, and Cholesterol. Particle and Particle Systems Characterization, 2020, 37, 1900447.	1.2	7
43	A Tale of Two Ends: Repurposing Metallic Compounds from Anti-Tumour Agents to Effective Antibacterial Activity. Antibiotics, 2020, 9, 321.	1.5	3
44	Fast Prototyping Microfluidics: Integrating Droplet Digital Lamp for Absolute Quantification of Cancer Biomarkers. Sensors, 2020, 20, 1624.	2.1	19
45	Gene Therapy in Cancer Treatment: Why Go Nano?. Pharmaceutics, 2020, 12, 233.	2.0	127
46	Clinicians's Perceptions of Norwegian Women's Experiences of Infertility Diseases. International Journal of Environmental Research and Public Health, 2020, 17, 993.	1.2	3
47	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. Bioorganic Chemistry, 2020, 99, 103849.	2.0	9
48	<i>In vitro</i> antiproliferative effect of vanadium complexes bearing 8-hydroxyquinoline-based ligands – the substituent effect. Dalton Transactions, 2020, 49, 6596-6606.	1.6	22
49	Nanotheranostics in Gene Therapy. , 2020, , 82-115.		0
50	Nanotheranostics Targeting the Tumor Microenvironment. Frontiers in Bioengineering and Biotechnology, 2019, 7, 197.	2.0	58
51	Platinum(<i>scpii</i>) complexes showing high cytotoxicity toward A2780 ovarian carcinoma cells. Dalton Transactions, 2019, 48, 13081-13093.	1.6	19
52	Copper(<i>scpii</i>) complexes with 2,2',6',2'-terpyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine substituted with quinolines. Synthesis, structure, antiproliferative activity, and catalytic activity in the oxidation of alkanes and alcohols with peroxides. Dalton Transactions, 2019, 48, 12656-12673.	1.6	44
53	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. Journal of Inorganic Biochemistry, 2019, 199, 110789.	1.5	11
54	First heterobimetallic Cu(<i>scpi</i>)-dppf complexes designed for anticancer applications: synthesis, structural characterization and cytotoxicity. New Journal of Chemistry, 2019, 43, 12308-12317.	1.4	15

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55	<p>Counteracting the effect of leukemia exosomes by antiangiogenic gold nanoparticles</p>. International Journal of Nanomedicine, 2019, Volume 14, 6843-6854.	3.3	23
56	Targeting Cancer Resistance via Multifunctional Gold Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 5510.	1.8	24
57	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. Journal of Inorganic Biochemistry, 2019, 200, 110811.	1.5	15
58	GLUT1 and GLUT3 involvement in anthocyanin gastric transport- Nanobased targeted approach. Scientific Reports, 2019, 9, 789.	1.6	42
59	Structural aspects of a trimetallic Cu^{II} derivative: cytotoxicity and anti-proliferative activity on human cancer cell lines. Journal of Coordination Chemistry, 2019, 72, 920-940.	0.8	5
60	Antibody modified gold nanoparticles for fast colorimetric screening of rheumatoid arthritis. Analyst, The, 2019, 144, 3613-3619.	1.7	26
61	Enhancement of water solubility of poorly water-soluble drugs by new biocompatible N-acetyl amino acid N-alkyl cholinium-based ionic liquids. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 137, 227-232.	2.0	62
62	Biofilm development and computational screening for new putative inhibitors of a homolog of the regulatory protein BrpA in Streptococcus dysgalactiae subsp. dysgalactiae. International Journal of Medical Microbiology, 2019, 309, 169-181.	1.5	15
63	Occurrence of non-toxic bioemulsifiers during polyhydroxyalkanoate production by Pseudomonas strains valorizing crude glycerol by-product. Bioresource Technology, 2019, 281, 31-40.	4.8	20
64	Targeting Tumor Microenvironment for Cancer Therapy. International Journal of Molecular Sciences, 2019, 20, 840.	1.8	822
65	Ionic Liquids and Salts from Ibuprofen as Promising Innovative Formulations of an Old Drug. ChemMedChem, 2019, 14, 907-911.	1.6	44
66	Nanoparticles as Delivery Systems in Cancer Therapy. , 2019, , 257-295.		16
67	A new Cu(II)-O-Carvacrotonate complex: Synthesis, characterization and biological activity. Journal of Inorganic Biochemistry, 2019, 190, 31-37.	1.5	7
68	<i>Streptococcus dysgalactiae</i> subsp. <i>dysgalactiae</i> isolated from milk of the bovine udder as emerging pathogens: In vitro and in vivo infection of human cells and zebrafish as biological models. MicrobiologyOpen, 2019, 8, e00623.	1.2	30
69	Molecular Diagnostics of Chronic Myeloid Leukemia: Precision Medicine via Gold Nanoparticles. , 2019, , 205-231.		1
70	Liquid biopsies in myeloid malignancies. , 2019, 2, 1044-1061.		5
71	Synthesis of tetrahydro-1<i>H</i>-indolo[2,3- <i>b</i>]pyrrolo[3,2-<i>c</i>]quinolones<i> via</i> intramolecular oxidative ring rearrangement of tetrahydro-1<sup>2</sup>-carbolines and their biological evaluation. New Journal of Chemistry, 2018, 42, 6538-6547.</i></i>	1.4	3
72	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. Biomedicine and Pharmacotherapy, 2018, 101, 137-144.	2.5	42

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73	EPR and electrochemical interpretation of bispyrazolylacetate anchored Ni(ⁱⁱ) and Mn(ⁱⁱ) complexes: cytotoxicity and anti-proliferative activity towards human cancer cell lines. <i>New Journal of Chemistry</i> , 2018, 42, 9126-9139.	1.4	15
74	Spectroscopy, electrochemistry and antiproliferative properties of Au(ⁱⁱⁱ), Pt(ⁱⁱ) and Cu(ⁱⁱ) complexes bearing modified 2,2',2''-terpyridine ligands. <i>Dalton Transactions</i> , 2018, 47, 6444-6463.	1.0	37
75	Multifunctional microfluidic chip for optical nanoprobe based RNA detection – application to Chronic Myeloid Leukemia. <i>Scientific Reports</i> , 2018, 8, 381.	1.6	21
76	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Heteroarylidene(10 <i>H</i>)anthrone. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 545-549.	1.2	6
77	Inorganic Coordination Chemistry: Where We Stand in Cancer Treatment?. , 2018, , .		5
78	A novel &em>BCR-ABL1 mutation in a patient with Philadelphia chromosome-positive B-cell acute lymphoblastic leukemia. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8589-8598.	1.0	7
79	POxylated Dendrimer-Based Nano-in-Micro Dry Powder Formulations for Inhalation Chemotherapy. <i>ChemistryOpen</i> , 2018, 7, 772-779.	0.9	14
80	Ru ^{II} (<i>p</i> -cymene) Compounds as Effective and Selective Anticancer Candidates with No Toxicity in Vivo. <i>Inorganic Chemistry</i> , 2018, 57, 13150-13166.	1.9	52
81	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14571-14571.	1.7	1
82	Important cytotoxic and cytostatic effects of new copper(ⁱ) phosphane compounds with N,N, N,O and N,S bidentate ligands. <i>Dalton Transactions</i> , 2018, 47, 7819-7829.	1.6	22
83	Combination of chemotherapy and Au-nanoparticle phototherapy in the visible light to tackle doxorubicin resistance in cancer cells. <i>Scientific Reports</i> , 2018, 8, 11429.	1.6	37
84	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14654-14667.	1.7	31
85	Nano-Strategies to Fight Multidrug Resistant Bacteria – A Battle of the Titans – <i>Frontiers in Microbiology</i> , 2018, 9, 1441.	1.5	578
86	A double Philadelphia chromosome-positive chronic myeloid leukemia patient, co-expressing P210 ^{BCR-ABL1} and P195 ^{BCR-ABL1} isoforms. <i>Haematologica</i> , 2018, 103, e549-e552.	1.7	6
87	Convergence of miR-143 overexpression, oxidative stress and cell death in HCT116 human colon cancer cells. <i>PLoS ONE</i> , 2018, 13, e0191607.	1.1	39
88	Halilectin-3, a Lectin from the Marine Sponge <i>Haliclona caerulea</i> , Induces Apoptosis and Autophagy in Human Breast Cancer MCF7 Cells Through Caspase-9 Pathway and LC3-II Protein Expression. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 521-528.	0.9	23
89	Immortalization and characterization of a new canine mammary tumour cell line ^{FR37}CMT. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 952-967.	0.8	9
90	Targeting canine mammary tumours via gold nanoparticles functionalized with promising Co(^{II}) and Zn(^{II}) compounds. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1537-1542.	0.8	11

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91	Gene Silencing Using Multifunctionalized Gold Nanoparticles for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2017, 1530, 319-336.	0.4	12
92	Smuggling gold nanoparticles across cell types – A new role for exosomes in gene silencing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1389-1398.	1.7	46
93	Gold Nanoparticles for BCR-ABL1 Gene Silencing: Improving Tyrosine Kinase Inhibitor Efficacy in Chronic Myeloid Leukemia. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 7, 408-416.	2.3	39
94	Development of PLGA dry powder microparticles by supercritical CO ₂ -assisted spray-drying for potential vaccine delivery to the lungs. <i>Journal of Supercritical Fluids</i> , 2017, 128, 235-243.	1.6	16
95	Current trends in molecular diagnostics of chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 1791-1804.	0.6	22
96	Understanding the response of <i>Desulfovibrio desulfuricans</i> ATCC 27774 to the electron acceptors nitrate and sulfate - biosynthetic costs modulate substrate selection. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1455-1469.	1.1	10
97	Photothermal enhancement of chemotherapy in breast cancer by visible irradiation of Gold Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 10872.	1.6	126
98	Mixed ligand aroylhydrazone and N-donor heterocyclic Lewis base Cu(II) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 267-275.	1.5	28
99	Gold Nanoparticles in Molecular Diagnostics and Molecular Therapeutics. , 2017, , 365-387.		3
100	Copper(II) complexes of functionalized 2,2',6',6'-terpyridines and 2,6-di(thiazol-2-yl)pyridine: structure, spectroscopy, cytotoxicity and catalytic activity. <i>Dalton Transactions</i> , 2017, 46, 9591-9604.	1.6	69
101	Dinuclear Ru(II)(bipy) ₂ Derivatives: Structural, Biological, and in Vivo Zebrafish Toxicity Evaluation. <i>Inorganic Chemistry</i> , 2017, 56, 7127-7144.	1.9	40
102	Multifunctional gold-nanoparticles: A nanovectorization tool for the targeted delivery of novel chemotherapeutic agents. <i>Journal of Controlled Release</i> , 2017, 245, 52-61.	4.8	64
103	Tumor Microenvironment Modulation via Gold Nanoparticles Targeting Malicious Exosomes: Implications for Cancer Diagnostics and Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 162.	1.8	50
104	Gold Nanobeacons for Tracking Gene Silencing in Zebrafish. <i>Nanomaterials</i> , 2017, 7, 10.	1.9	23
105	Nanoparticles – Emerging Potential for Managing Leukemia and Lymphoma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 79.	2.0	63
106	Gold Nanoparticle Approach to the Selective Delivery of Gene Silencing in Cancer – The Case for Combined Delivery?. <i>Genes</i> , 2017, 8, 94.	1.0	82
107	Potentiating angiogenesis arrest in vivo via laser irradiation of peptide functionalised gold nanoparticles. <i>Journal of Nanobiotechnology</i> , 2017, 15, 85.	4.2	23
108	Peptide-coated gold nanoparticles for modulation of angiogenesis in vivo. <i>International Journal of Nanomedicine</i> , 2016, 11, 2633.	3.3	47

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109	An affinity triggered MRI nanoprobe for pH-dependent cell labeling. RSC Advances, 2016, 6, 113503-113512.	1.7	3
110	Liposomes as Delivery System of a Sn(IV) Complex for Cancer Therapy. Pharmaceutical Research, 2016, 33, 1351-1358.	1.7	18
111	Colorimetric assessment of BCR-ABL1 transcripts in clinical samples via gold nanoprobe. Analytical and Bioanalytical Chemistry, 2016, 408, 5277-5284.	1.9	15
112	Heteroleptic mononuclear compounds of ruthenium(II): synthesis, structural analyses, in vitro antitumor activity and in vivo toxicity on zebrafish embryos. Dalton Transactions, 2016, 45, 19127-19140.	1.6	45
113	Non-small cell lung cancer biomarkers and targeted therapy - two faces of the same coin fostered by nanotechnology. Expert Review of Precision Medicine and Drug Development, 2016, 1, 155-168.	0.4	8
114	Infection of human keratinocytes by Streptococcus dysgalactiae subspecies dysgalactiae isolated from milk of the bovine udder. Microbes and Infection, 2016, 18, 290-293.	1.0	11
115	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4-phenyl-terpyridine compounds. Dalton Transactions, 2016, 45, 5339-5355.	1.6	52
116	In vitro and in vivo biological characterization of the anti-proliferative potential of a cyclic trinuclear organotin(IV) complex. Molecular BioSystems, 2016, 12, 1015-1023.	2.9	17
117	Water soluble heterometallic potassium-dioxidovanadium(V) complexes as potential antiproliferative agents. Journal of Inorganic Biochemistry, 2016, 155, 17-25.	1.5	19
118	A novel mutation in CEBPA gene in a patient with acute myeloid leukemia. Leukemia and Lymphoma, 2016, 57, 711-713.	0.6	2
119	Covalent coupling of gum arabic onto superparamagnetic iron oxide nanoparticles for MRI cell labeling: physicochemical and in vitro characterization. Contrast Media and Molecular Imaging, 2015, 10, 320-328.	0.4	16
120	Heterocyclic Anticancer Compounds: Recent Advances and the Paradigm Shift towards the Use of Nanomedicine's Tool Box. Molecules, 2015, 20, 16852-16891.	1.7	471
121	Gold Nanotheranostics: Proof-of-Concept or Clinical Tool?. Nanomaterials, 2015, 5, 1853-1879.	1.9	110
122	MicroRNAs Based Therapy of Hypertrophic Cardiomyopathy: The Road Traveled So Far. BioMed Research International, 2015, 2015, 1-8.	0.9	19
123	Characterization of antiproliferative potential and biological targets of a copper compound containing 4-phenyl terpyridine. Journal of Biological Inorganic Chemistry, 2015, 20, 935-948.	1.1	17
124	A value-added exopolysaccharide as a coating agent for MRI nanoprobe. Nanoscale, 2015, 7, 14272-14283.	2.8	17
125	POxylated Polyurea Dendrimers: Smart Core-Shell Vectors with IC ₅₀ Lowering Capacity. Macromolecular Bioscience, 2015, 15, 1045-1051.	2.1	27
126	AuNPs for identification of molecular signatures of resistance. Frontiers in Microbiology, 2014, 5, 455.	1.5	24

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127	Genetics of hypertrophic cardiomyopathy: advances and pitfalls in molecular diagnosis and therapy. <i>The Application of Clinical Genetics</i> , 2014, 7, 195.	1.4	60
128	Exosome in Tumour Microenvironment: Overview of the Crosstalk between Normal and Cancer Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	184
129	Di- and tri-organotin(IV) complexes of arylhydrazones of methylene active compounds and their antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 67-73.	0.8	51
130	Insights into the mechanisms underlying the antiproliferative potential of a Co(II) coordination compound bearing 1,10-phenanthroline-5,6-dione: DNA and protein interaction studies. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 787-803.	1.1	33
131	Cobalt Complexes with Pyrazole Ligands as Catalyst Precursors for the Peroxidative Oxidation of Cyclohexane: X-ray Absorption Spectroscopy Studies and Biological Applications. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1132-1143.	1.7	39
132	Characterization of the antiproliferative potential and biological targets of a trans ketoimine platinum complex. <i>Inorganica Chimica Acta</i> , 2014, 423, 156-167.	1.2	10
133	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , 2014, 8, 521-532.	1.6	83
134	Nanotechnology for Cancer Diagnostics and Therapy – An Update on Novel Molecular Players. <i>Current Cancer Therapy Reviews</i> , 2014, 9, 164-172.	0.2	5
135	Organometallic Compounds in Cancer Therapy: Past Lessons and Future Directions. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1199-1212.	0.9	43
136	Nanoparticle Drug Delivery Systems: Recent Patents and Applications in Nanomedicine. <i>Recent Patents on Nanomedicine</i> , 2014, 3, 105-118.	0.5	35
137	Cobalt and Zinc Compounds Bearing 1,10-Phenanthroline-5,6-dione or 1,3,5-Triaza-7-phosphaadamantane Derivatives – Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3651-3658.	1.0	39
138	Biological characterization of the antiproliferative potential of Co(II) and Sn(IV) coordination compounds in human cancer cell lines: a comparative proteomic approach. <i>Drug Metabolism and Drug Interactions</i> , 2013, 28, 167-176.	0.3	38
139	Instability of mRNA expression signatures of drug transporters in chronic myeloid leukemia patients resistant to imatinib. <i>Oncology Reports</i> , 2013, 29, 741-750.	1.2	38
140	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. <i>Dalton Transactions</i> , 2012, 41, 12888.	1.6	76
141	High resolution melting: improvements in the genetic diagnosis of hypertrophic cardiomyopathy in a Portuguese cohort. <i>BMC Medical Genetics</i> , 2012, 13, 17.	2.1	30
142	Toward a Translational Medicine Approach for Hypertrophic Cardiomyopathy. <i>Lecture Notes in Computer Science</i> , 2012, , 151-165.	1.0	0
143	Development of imatinib and dasatinib resistance: dynamics of expression of drug transporters ABCB1, ABCC1, ABCG2, MVP, and SLC22A1. <i>Leukemia and Lymphoma</i> , 2011, 52, 1980-1990.	0.6	62
144	Genetic diagnosis of hypertrophic cardiomyopathy using mass spectrometry DNA arrays and high resolution melting. <i>Revista Portuguesa De Cardiologia</i> , 2011, 30, 7-18.	0.2	2

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145	Semantic characterization of hypertrophic cardiomyopathy disease. , 2010, , .		2
146	The RIM101 pathway has a role in <i>Saccharomyces cerevisiae</i> adaptive response and resistance to propionic acid and other weak acids. FEMS Yeast Research, 2009, 9, 202-216.	1.1	81
147	Left ventricular non-compaction: a new mutation predisposing to reverse remodeling?. Revista Portuguesa De Cardiologia, 2009, 28, 185-94.	0.2	12
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