

Pedro Baptista

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

10,036
citations

53794

45
h-index

42399

92
g-index

216
all docs

216
docs citations

216
times ranked

14781
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.	3.8	0
2	Manganese(I) tricarbonyl complexes as potential anticancer agents. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 49-64.	2.6	4
3	Quercetin Liposomal Nanoformulation for Ischemia and Reperfusion Injury Treatment. <i>Pharmaceutics</i> , 2022, 14, 104.	4.5	15
4	Light Triggered Enhancement of Antibiotic Efficacy in Biofilm Elimination Mediated by Gold-Silver Alloy Nanoparticles. <i>Frontiers in Microbiology</i> , 2022, 13, 841124.	3.5	7
5	Endogenous Fluorescent Proteins in the Mucus of an Intertidal Polychaeta: Clues for Biotechnology. <i>Marine Drugs</i> , 2022, 20, 224.	4.6	4
6	Molecular Beacon for Detection miRNA-21 as a Biomarker of Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3330.	4.1	7
7	Digital Microfluidics-Powered Real-Time Monitoring of Isothermal DNA Amplification of Cancer Biomarker. <i>Biosensors</i> , 2022, 12, 201.	4.7	9
8	Exploiting the antiproliferative potential of spiropyrazoline oxindoles in a human ovarian cancer cell line. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115880.	3.0	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.	3.4	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.	4.6	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.	3.3	14
12	Combined cancer therapeutics—Tackling the complexity of the tumor microenvironment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1704.	6.1	12
13	In Vitro and In Vivo Effect of Palladacycles: Targeting A2780 Ovarian Carcinoma Cells and Modulation of Angiogenesis. <i>Inorganic Chemistry</i> , 2021, 60, 3939-3951.	4.0	17
14	Drug delivery nanosystems targeted to hepatic ischemia and reperfusion injury. <i>Drug Delivery and Translational Research</i> , 2021, 11, 397-410.	5.8	8
15	<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.	3.6	10
16	Liposomal Nanosystems in Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2021, 13, 454.	4.5	19
17	Inflammatory factors, genetic variants, and predisposition for preterm birth. <i>Clinical Genetics</i> , 2021, 100, 357-367.	2.0	12
18	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.	5.5	32

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19	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. Dalton Transactions, 2021, 50, 3990-4007.	3.3	28
20	Benchtop X-ray fluorescence imaging as a tool to study gold nanoparticle penetration in 3D cancer spheroids. RSC Advances, 2021, 11, 26344-26353.	3.6	3
21	A Transcriptomic Approach to the Recruitment of Venom Proteins in a Marine Annelid. Toxins, 2021, 13, 97.	3.4	8
22	Vanadium(IV) Complexes with Methyl-Substituted 8-Hydroxyquinolines: Catalytic Potential in the Oxidation of Hydrocarbons and Alcohols with Peroxides and Biological Activity. Molecules, 2021, 26, 6364.	3.8	4
23	Aggregation versus Biological Activity in Gold(I) Complexes. An Unexplored Concept. Inorganic Chemistry, 2021, 60, 18753-18763.	4.0	7
24	New Non-Toxic N-alkyl Cholinium-Based Ionic Liquids as Excipients to Improve the Solubility of Poorly Water-Soluble Drugs. Symmetry, 2021, 13, 2053.	2.2	13
25	Genetic Biomarkers in Chronic Myeloid Leukemia: What Have We Learned So Far?. International Journal of Molecular Sciences, 2021, 22, 12516.	4.1	19
26	Improving the Anti-inflammatory Response via Gold Nanoparticle Vectorization of CO-Releasing Molecules. ACS Biomaterials Science and Engineering, 2020, 6, 1090-1101.	5.2	17
27	Antiproliferative Activities of Diimine-Based Mixed Ligand Copper(II) Complexes. ACS Combinatorial Science, 2020, 22, 89-99.	3.8	29
28	Light Irradiation of Gold Nanoparticles Toward Advanced Cancer Therapeutics. Advanced Therapeutics, 2020, 3, 1900153.	3.2	34
29	Tackling Multidrug Resistance in Streptococci – From Novel Biotherapeutic Strategies to Nanomedicines. Frontiers in Microbiology, 2020, 11, 579916.	3.5	24
30	Gold Nanoparticles for Vectorization of Nucleic Acids for Cancer Therapeutics. Molecules, 2020, 25, 3489.	3.8	27
31	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.	4.1	19
32	Size-Dependent Biological Activities of Fluorescent Organosilane-Modified Zinc Oxide Nanoparticles. Journal of Biomedical Nanotechnology, 2020, 16, 137-152.	1.1	15
33	The Intracellular Number of Magnetic Nanoparticles Modulates the Apoptotic Death Pathway after Magnetic Hyperthermia Treatment. ACS Applied Materials & Interfaces, 2020, 12, 43474-43487.	8.0	36
34	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.	2.3	7
35	Fast Prototyping Microfluidics: Integrating Droplet Digital Lamp for Absolute Quantification of Cancer Biomarkers. Sensors, 2020, 20, 1624.	3.8	19
36	Gene Therapy in Cancer Treatment: Why Go Nano?. Pharmaceutics, 2020, 12, 233.	4.5	127

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37	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. <i>Science of the Total Environment</i> , 2020, 741, 140447.	8.0	2
38	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. <i>Biorganic Chemistry</i> , 2020, 99, 103849.	4.1	9
39	RNA Quantification Using Noble Metal Nanoprobes: Simultaneous Identification of Several Different mRNA Targets Using Color Multiplexing and Application to Chronic Myeloid Leukemia Diagnostics. <i>Methods in Molecular Biology</i> , 2020, 2118, 251-268.	0.9	1
40	Nanotheranostics in Gene Therapy. , 2020, , 82-115.		0
41	Nanotheranostics Targeting the Tumor Microenvironment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 197.	4.1	58
42	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110789.	3.5	11
43	<p>Counteracting the effect of leukemia exosomes by antiangiogenic gold nanoparticles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6843-6854.	6.7	23
44	Targeting Cancer Resistance via Multifunctional Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5510.	4.1	24
45	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , 2019, 200, 110811.	3.5	15
46	GLUT1 and GLUT3 involvement in anthocyanin gastric transport- Nanobased targeted approach. <i>Scientific Reports</i> , 2019, 9, 789.	3.3	42
47	Structural aspects of a trimetallic Cu^{II} derivative: cytotoxicity and anti-proliferative activity on human cancer cell lines. <i>Journal of Coordination Chemistry</i> , 2019, 72, 920-940.	2.2	5
48	Antibody modified gold nanoparticles for fast colorimetric screening of rheumatoid arthritis. <i>Analyst</i> , The, 2019, 144, 3613-3619.	3.5	26
49	Enhancement of water solubility of poorly water-soluble drugs by new biocompatible N-acetyl amino acid N-alkyl cholinium-based ionic liquids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 227-232.	4.3	62
50	Occurrence of non-toxic bioemulsifiers during polyhydroxyalkanoate production by <i>Pseudomonas</i> strains valorizing crude glycerol by-product. <i>Bioresource Technology</i> , 2019, 281, 31-40.	9.6	20
51	Targeting Tumor Microenvironment for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 840.	4.1	822
52	Ionic Liquids and Salts from Ibuprofen as Promising Innovative Formulations of an Old Drug. <i>ChemMedChem</i> , 2019, 14, 907-911.	3.2	44
53	Paper-Based SERS Platform for One-Step Screening of Tetracycline in Milk. <i>Scientific Reports</i> , 2019, 9, 17922.	3.3	38
54	Nanoparticles as Delivery Systems in Cancer Therapy. , 2019, , 257-295.		16

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55	Molecular Diagnostics of Chronic Myeloid Leukemia: Precision Medicine via Gold Nanoparticles. , 2019, , 205-231.		1
56	Liquid biopsies in myeloid malignancies. , 2019, 2, 1044-1061.		5
57	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. Biomedicine and Pharmacotherapy, 2018, 101, 137-144.	5.6	42
58	Multifunctional microfluidic chip for optical nanoprobe based RNA detection “ application to Chronic Myeloid Leukemia. Scientific Reports, 2018, 8, 381.	3.3	21
59	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Heteroarylidene(10 <i>H</i>)anthrone. European Journal of Organic Chemistry, 2018, 2018, 545-549.	2.4	6
60	Optical and Structural Characterization of a Chronic Myeloid Leukemia DNA Biosensor. ACS Chemical Biology, 2018, 13, 1235-1242.	3.4	3
61	Inorganic Coordination Chemistry: Where We Stand in Cancer Treatment?. , 2018, , .		5
62	A novel BCR-ABL1 mutation in a patient with Philadelphia chromosome-positive B-cell acute lymphoblastic leukemia. OncoTargets and Therapy, 2018, Volume 11, 8589-8598.	2.0	7
63	POxylated Dendrimer-Based Nano-Micro Dry Powder Formulations for Inhalation Chemotherapy. ChemistryOpen, 2018, 7, 772-779.	1.9	14
64	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. Chemistry - A European Journal, 2018, 24, 14571-14571.	3.3	1
65	Combination of chemotherapy and Au-nanoparticle phototherapy in the visible light to tackle doxorubicin resistance in cancer cells. Scientific Reports, 2018, 8, 11429.	3.3	37
66	Gold nanoprobe-based non-crosslinking hybridization for molecular diagnostics: an update. Expert Review of Molecular Diagnostics, 2018, 18, 767-773.	3.1	5
67	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. Chemistry - A European Journal, 2018, 24, 14654-14667.	3.3	31
68	Nano-Strategies to Fight Multidrug Resistant Bacteria “A Battle of the Titans” Frontiers in Microbiology, 2018, 9, 1441.	3.5	578
69	A double Philadelphia chromosome-positive chronic myeloid leukemia patient, co-expressing P210 ^{BCR-ABL1} and P195 ^{BCR-ABL1} isoforms. Haematologica, 2018, 103, e549-e552.	3.5	6
70	Nanoparticle-antagomiR based targeting of miR-31 to induce osterix and osteocalcin expression in mesenchymal stem cells. PLoS ONE, 2018, 13, e0192562.	2.5	17
71	Immortalization and characterization of a new canine mammary tumour cell line <sc>FR37</sc>. Veterinary and Comparative Oncology, 2017, 15, 952-967.	1.8	9
72	Targeting canine mammary tumours via gold nanoparticles functionalized with promising Co<sc>II</sc> and Zn<sc>II</sc> compounds. Veterinary and Comparative Oncology, 2017, 15, 1537-1542.	1.8	11

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73	Gene Silencing Using Multifunctionalized Gold Nanoparticles for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2017, 1530, 319-336.	0.9	12
74	Quantitative real-time monitoring of RCA amplification of cancer biomarkers mediated by a flexible ion sensitive platform. <i>Biosensors and Bioelectronics</i> , 2017, 91, 788-795.	10.1	12
75	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.	3.3	46
76	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.	5.1	39
77	Current trends in molecular diagnostics of chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 1791-1804.	1.3	22
78	Photothermal enhancement of chemotherapy in breast cancer by visible irradiation of Gold Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 10872.	3.3	126
79	Gold Nanoparticles in Molecular Diagnostics and Molecular Therapeutics. , 2017, , 365-387.		3
80	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 16, 21-25.	4.4	17
81	Multifunctional gold-nanoparticles: A nanovectorization tool for the targeted delivery of novel chemotherapeutic agents. <i>Journal of Controlled Release</i> , 2017, 245, 52-61.	9.9	64
82	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.	4.1	50
83	Gold Nanobeacons for Tracking Gene Silencing in Zebrafish. <i>Nanomaterials</i> , 2017, 7, 10.	4.1	23
84	Digital Microfluidics for Nucleic Acid Amplification. <i>Sensors</i> , 2017, 17, 1495.	3.8	47
85	A Digital Microfluidics Platform for Loop-Mediated Isothermal Amplification Detection. <i>Sensors</i> , 2017, 17, 2616.	3.8	34
86	Nanoparticles – Emerging Potential for Managing Leukemia and Lymphoma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 79.	4.1	63
87	Gold Nanoparticle Approach to the Selective Delivery of Gene Silencing in Cancer – The Case for Combined Delivery?. <i>Genes</i> , 2017, 8, 94.	2.4	82
88	Potentiating angiogenesis arrest in vivo via laser irradiation of peptide functionalised gold nanoparticles. <i>Journal of Nanobiotechnology</i> , 2017, 15, 85.	9.1	23
89	Peptide-coated gold nanoparticles for modulation of angiogenesis in vivo. <i>International Journal of Nanomedicine</i> , 2016, 11, 2633.	6.7	47
90	Editorial: Cancer Nanotheranostics: What Have We Learned So Far?. <i>Frontiers in Chemistry</i> , 2016, 3, 71.	3.6	9

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91	Gold Nanoparticles for Diagnostics: Advances towards Points of Care. <i>Diagnostics</i> , 2016, 6, 43.	2.6	101
92	BioCode gold-nanobeacon for the detection of fusion transcripts causing chronic myeloid leukemia. <i>Journal of Nanobiotechnology</i> , 2016, 14, 38.	9.1	9
93	Liposomes as Delivery System of a Sn(IV) Complex for Cancer Therapy. <i>Pharmaceutical Research</i> , 2016, 33, 1351-1358.	3.5	18
94	Colorimetric assessment of BCR-ABL1 transcripts in clinical samples via gold nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5277-5284.	3.7	15
95	Heteroleptic mononuclear compounds of ruthenium(II): synthesis, structural analyses, in vitro antitumor activity and in vivo toxicity on zebrafish embryos. <i>Dalton Transactions</i> , 2016, 45, 19127-19140.	3.3	45
96	Non-small cell lung cancer biomarkers and targeted therapy - two faces of the same coin fostered by nanotechnology. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 155-168.	0.7	8
97	Precision nanomedicine in cancer: how far are we from personalization?. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 227-228.	0.7	3
98	Infection of human keratinocytes by <i>Streptococcus dysgalactiae</i> subspecies <i>dysgalactiae</i> isolated from milk of the bovine udder. <i>Microbes and Infection</i> , 2016, 18, 290-293.	1.9	11
99	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4-phenyl-terpyridine compounds. <i>Dalton Transactions</i> , 2016, 45, 5339-5355.	3.3	52
100	In vitro and in vivo biological characterization of the anti-proliferative potential of a cyclic trinuclear organotin(IV) complex. <i>Molecular BioSystems</i> , 2016, 12, 1015-1023.	2.9	17
101	A novel mutation in CEBPA gene in a patient with acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2016, 57, 711-713.	1.3	2
102	Gold Nanoparticles for DNA/RNA-Based Diagnostics. , 2016, , 1339-1370.		4
103	Nanoparticles for Mass Spectrometry Applications. , 2016, , 1371-1396.		0
104	One nanoprobe, two pathogens: gold nanoprobe multiplexing for point-of-care. <i>Journal of Nanobiotechnology</i> , 2015, 13, 48.	9.1	17
105	Heterocyclic Anticancer Compounds: Recent Advances and the Paradigm Shift towards the Use of Nanomedicine's Tool Box. <i>Molecules</i> , 2015, 20, 16852-16891.	3.8	471
106	Gold Nanotheranostics: Proof-of-Concept or Clinical Tool?. <i>Nanomaterials</i> , 2015, 5, 1853-1879.	4.1	110
107	DNA adduct identification using gold-aptamer nanoprobe. <i>IET Nanobiotechnology</i> , 2015, 9, 95-101.	3.8	3
108	Gold and Silver Nanoparticles for Diagnostics of Infection. , 2015, , 1-18.		3

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109	Mobile Based Gold Nanoprobe TB Diagnostics for Point-of-Need. <i>Methods in Molecular Biology</i> , 2015, 1256, 41-56.	0.9	10
110	Characterization of antiproliferative potential and biological targets of a copper compound containing 4-phenyl terpyridine. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 935-948.	2.6	17
111	Nanoparticles for Mass Spectrometry Applications. , 2015, , 1-23.		0
112	RNAi-based glyconanoparticles trigger apoptotic pathways for <i>in vitro</i> and <i>in vivo</i> enhanced cancer-cell killing. <i>Nanoscale</i> , 2015, 7, 9083-9091.	5.6	35
113	POxylated Polyurea Dendrimers: Smart Core-Shell Vectors with IC ₅₀ Lowering Capacity. <i>Macromolecular Bioscience</i> , 2015, 15, 1045-1051.	4.1	27
114	Single nucleotide polymorphism detection using gold nanoprobe and bio-microfluidic platform with embedded microlenses. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1210-1219.	3.3	9
115	Field Effect Sensors for Nucleic Acid Detection: Recent Advances and Future Perspectives. <i>Sensors</i> , 2015, 15, 10380-10398.	3.8	78
116	15 years on siRNA delivery: Beyond the State-of-the-Art on inorganic nanoparticles for RNAi therapeutics. <i>Nano Today</i> , 2015, 10, 421-450.	11.9	73
117	Gold Nanoparticles for DNA/RNA-Based Diagnostics. , 2015, , 1-25.		1
118	Gold nanoprobe-based non-crosslinking hybridization for molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1355-1368.	3.1	19
119	Gold nanoparticle-siRNA mediated oncogene knockdown at RNA and protein level, with associated gene effects. <i>Nanomedicine</i> , 2015, 10, 2513-2525.	3.3	11
120	Scalable approach for the production of functional DNA based gold nanoprobe. <i>Journal of Membrane Science</i> , 2015, 492, 528-535.	8.2	2
121	Significance of the balance between intracellular glutathione and polyethylene glycol for successful release of small interfering RNA from gold nanoparticles. <i>Nano Research</i> , 2015, 8, 3281-3292.	10.4	16
122	A promising road with challenges: where are gold nanoparticles in translational research?. <i>Nanomedicine</i> , 2014, 9, 2353-2370.	3.3	58
123	Gold nanobeacons: a potential nanotheranostics platform. <i>Nanomedicine</i> , 2014, 9, 2247-2250.	3.3	9
124	Revisiting 30 years of biofunctionalization and surface chemistry of inorganic nanoparticles for nanomedicine. <i>Frontiers in Chemistry</i> , 2014, 2, 48.	3.6	319
125	AuNPs for identification of molecular signatures of resistance. <i>Frontiers in Microbiology</i> , 2014, 5, 455.	3.5	24
126	Exosome in Tumour Microenvironment: Overview of the Crosstalk between Normal and Cancer Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	184

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127	Ion sensing (EIS) real-time quantitative monitorization of isothermal DNA amplification. <i>Biosensors and Bioelectronics</i> , 2014, 52, 50-55.	10.1	37
128	Antibody- α -drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. <i>Journal of Controlled Release</i> , 2014, 183, 87-93.	9.9	99
129	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.	2.6	33
130	A low cost, safe, disposable, rapid and self-sustainable paper-based platform for diagnostic testing: lab-on-paper. <i>Nanotechnology</i> , 2014, 25, 094006.	2.6	193
131	Histopathological findings on <i>Carassius auratus</i> hepatopancreas upon exposure to acrylamide: correlation with genotoxicity and metabolic alterations. <i>Journal of Applied Toxicology</i> , 2014, 34, 1293-1302.	2.8	25
132	Gold nanoprobe for multi loci assessment of multi-drug resistant tuberculosis. <i>Tuberculosis</i> , 2014, 94, 332-337.	1.9	23
133	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. <i>RSC Advances</i> , 2014, 4, 3690-3698.	3.6	86
134	Gold Nanoparticles as (Bio)Chemical Sensors. <i>Comprehensive Analytical Chemistry</i> , 2014, 66, 529-567.	1.3	20
135	Nanodiagnostics: leaving the research lab to enter the clinics?. <i>Diagnosis</i> , 2014, 1, 305-309.	1.9	28
136	Dual-color control of nucleotide polymerization sensed by a fluorescence actuator. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 751-756.	2.9	2
137	Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. <i>Advances in Delivery Science and Technology</i> , 2014, , 295-328.	0.4	5
138	Experimental optimization of a passive planar rhombic micromixer with obstacles for effective mixing in a short channel length. <i>RSC Advances</i> , 2014, 4, 56013-56025.	3.6	14
139	Anti-cancer precision theranostics: a focus on multifunctional gold nanoparticles. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 1041-1052.	3.1	56
140	Polyurea dendrimer for efficient cytosolic siRNA delivery. <i>RSC Advances</i> , 2014, 4, 54872-54878.	3.6	19
141	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	33
142	Characterization of genomic single nucleotide polymorphism via colorimetric detection using a single gold nanoprobe. <i>Analytical Biochemistry</i> , 2014, 465, 1-5.	2.4	13
143	Metabolic and histopathological alterations in the marine bivalve <i>Mytilus galloprovincialis</i> induced by chronic exposure to acrylamide. <i>Environmental Research</i> , 2014, 135, 55-62.	7.5	30
144	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , 2014, 8, 521-532.	3.0	83

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145	Nanotechnology for Cancer Diagnostics and Therapy – An Update on Novel Molecular Players. <i>Current Cancer Therapy Reviews</i> , 2014, 9, 164-172.	0.3	5
146	Organometallic Compounds in Cancer Therapy: Past Lessons and Future Directions. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1199-1212.	1.7	43
147	Nanoparticle Drug Delivery Systems: Recent Patents and Applications in Nanomedicine. <i>Recent Patents on Nanomedicine</i> , 2014, 3, 105-118.	0.5	35
148	THE CHEMISTRY AND BIOLOGY OF GOLD NANOPARTICLE-MEDIATED PHOTOTHERMAL THERAPY: PROMISES AND CHALLENGES. <i>Nano LIFE</i> , 2013, 03, 1330001.	0.9	31
149	In Vivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. <i>Biomaterials</i> , 2013, 34, 7744-7753.	11.4	136
150	Coupling an universal primer to SBE combined spectral codification strategy for single nucleotide polymorphism analysis. <i>Journal of Biotechnology</i> , 2013, 168, 90-94.	3.8	5
151	Gold-nanobeacons for simultaneous gene specific silencing and intracellular tracking of the silencing events. <i>Biomaterials</i> , 2013, 34, 2516-2523.	11.4	82
152	Fast nucleotide identification through fingerprinting using gold nanoparticle-based surface-assisted laser desorption/ionisation. <i>Talanta</i> , 2013, 105, 417-421.	5.5	6
153	Bio-microfluidic platform for gold nanoprobe based DNA detection – application to Mycobacterium tuberculosis. <i>Biosensors and Bioelectronics</i> , 2013, 48, 87-93.	10.1	42
154	Isothermal DNA amplification coupled to Au-nanoprobes for detection of mutations associated to Rifampicin resistance in Mycobacterium tuberculosis. <i>Journal of Nanobiotechnology</i> , 2013, 11, 38.	9.1	36
155	Plastic Compatible Sputtered Ta_2O_5 Sensitive Layer for Oxide Semiconductor TFT Sensors. <i>Journal of Display Technology</i> , 2013, 9, 723-728.	1.2	8
156	Nanomaterials for reversion of multidrug resistance in cancer: a new hope for an old idea?. <i>Frontiers in Pharmacology</i> , 2013, 4, 134.	3.5	33
157	Association of FTO and PPARC polymorphisms with obesity in Portuguese women. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013, 6, 241.	2.4	13
158	Noble Metal Nanoparticles Applications in Cancer. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-12.	2.5	376
159	Nanophotonics for Molecular Diagnostics and Therapy Applications. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-11.	2.5	35
160	RNA Quantification Using Noble Metal Nanoprobes: Simultaneous Identification of Several Different mRNA Targets Using Color Multiplexing and Application to Cancer Diagnostics. <i>Methods in Molecular Biology</i> , 2012, 906, 71-87.	0.9	11
161	Could gold nanoprobes be an important tool in cancer diagnostics?. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 541-543.	3.1	14
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