

Pedro Baptista

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199
papers

7,427
citations

41
h-index

80
g-index

216
ext. papers

8,770
ext. citations

5.3
avg, IF

6.38
L-index

#	Paper	IF	Citations
199	Light Triggered Enhancement of Antibiotic Efficacy in Biofilm Elimination Mediated by Gold-Silver Alloy Nanoparticles.. <i>Frontiers in Microbiology</i> , 2022 , 13, 841124	5.7	0
198	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	2.7	3
197	Genetic Biomarkers in Chronic Myeloid Leukemia: What Have We Learned So Far?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
196	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,	4.8	1
195	Manganese(I) tricarbonyl complexes as potential anticancer agents. <i>Journal of Biological Inorganic Chemistry</i> , 2021 , 1	3.7	0
194	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	5.1	11
193	Drug delivery nanosystems targeted to hepatic ischemia and reperfusion injury. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 397-410	6.2	1
192	Rosa x hybrida extracts with dual actions: Antiproliferative effects against tumour cells and inhibitor of Alzheimer disease. <i>Food and Chemical Toxicology</i> , 2021 , 149, 112018	4.7	5
191	Liposomal Nanosystems in Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
190	Inflammatory factors, genetic variants, and predisposition for preterm birth. <i>Clinical Genetics</i> , 2021 , 100, 357-367	4	2
189	Square planar Au(III), Pt(II) and Cu(II) complexes with quinoline-substituted 2,2',6',6''-terpyridine ligands: From in vitro to in vivo biological properties. <i>European Journal of Medicinal Chemistry</i> , 2021 , 218, 113404	6.8	10
188	Exploiting the antiproliferative potential of spiropyrazoline oxindoles in a human ovarian cancer cell line. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 30, 115880	3.4	4
187	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	5
186	Specific Antiproliferative Properties of Proteinaceous Toxin Secretions from the Marine Annelid sp. onto Ovarian Cancer Cells. <i>Marine Drugs</i> , 2021 , 19,	6	4
185	Cu(I) 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	4.3	4
184	Combined cancer therapeutics-Tackling the complexity of the tumor microenvironment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1704	9.2	2
183	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	4.3	5

182	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	3.7	0
181	A Transcriptomic Approach to the Recruitment of Venom Proteins in a Marine Annelid. <i>Toxins</i> , 2021 , 13,	4.9	2
180	Nano-in-Micro Sildenafil Dry Powder Formulations for the Treatment of Pulmonary Arterial Hypertension Disorders: The Synergic Effect of POxylated Polyurea Dendrimers, PLGA, and Cholesterol. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 1900447	3.1	3
179	Fast Prototyping Microfluidics: Integrating Droplet Digital Lamp for Absolute Quantification of Cancer Biomarkers. <i>Sensors</i> , 2020 , 20,	3.8	8
178	Gene Therapy in Cancer Treatment: Why Go Nano?. <i>Pharmaceutics</i> , 2020 , 12,	6.4	52
177	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. <i>Science of the Total Environment</i> , 2020 , 741, 140447	10.2	0
176	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. <i>Bioorganic Chemistry</i> , 2020 , 99, 103849	5.1	5
175	Improving the Anti-inflammatory Response via Gold Nanoparticle Vectorization of CO-Releasing Molecules. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1090-1101	5.5	9
174	Antiproliferative Activities of Diimine-Based Mixed Ligand Copper(II) Complexes. <i>ACS Combinatorial Science</i> , 2020 , 22, 89-99	3.9	13
173	Light Irradiation of Gold Nanoparticles Toward Advanced Cancer Therapeutics. <i>Advanced Therapeutics</i> , 2020 , 3, 1900153	4.9	24
172	Tackling Multidrug Resistance in Streptococci - From Novel Biotherapeutic Strategies to Nanomedicines. <i>Frontiers in Microbiology</i> , 2020 , 11, 579916	5.7	10
171	Gold Nanoparticles for Vectorization of Nucleic Acids for Cancer Therapeutics. <i>Molecules</i> , 2020 , 25,	4.8	8
170	Hyperthermia Induced by Gold Nanoparticles and Visible Light Phototherapy Combined with Chemotherapy to Tackle Doxorubicin Sensitive and Resistant Colorectal Tumor 3D Spheroids. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
169	Size-Dependent Biological Activities of Fluorescent Organosilane-Modified Zinc Oxide Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 137-152	4	8
168	The Intracellular Number of Magnetic Nanoparticles Modulates the Apoptotic Death Pathway after Magnetic Hyperthermia Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43474-43487	9.5	12
167	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	1.4	0
166	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , 2019 , 200, 110811	4.2	9
165	GLUT1 and GLUT3 involvement in anthocyanin gastric transport- Nanobased targeted approach. <i>Scientific Reports</i> , 2019 , 9, 789	4.9	18

164	New lessons from ancient life: marine invertebrates as a source of new drugs. <i>Annals of Medicine</i> , 2019 , 51, 45-45	1.5	78
163	Structural aspects of a trimetallic CuII derivative: cytotoxicity and anti-proliferative activity on human cancer cell lines. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 920-940	1.6	4
162	Antibody modified gold nanoparticles for fast colorimetric screening of rheumatoid arthritis. <i>Analyst, The</i> , 2019 , 144, 3613-3619	5	14
161	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	5.7	40
160	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	11	11
159	Nanotheranostics Targeting the Tumor Microenvironment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 197	5.8	42
158	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110789	4.2	11
157	Counteracting the effect of leukemia exosomes by antiangiogenic gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6843-6854	7.3	12
156	Targeting Cancer Resistance via Multifunctional Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
155	Molecular Diagnostics of Chronic Myeloid Leukemia: Precision Medicine via Gold Nanoparticles 2019 , 205-231		1
154	Liquid biopsies in myeloid malignancies. 2019 , 2, 1044-1061		1
153	Targeting Tumor Microenvironment for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	435
152	Ionic Liquids and Salts from Ibuprofen as Promising Innovative Formulations of an Old Drug. <i>ChemMedChem</i> , 2019 , 14, 907-911	3.7	27
151	Paper-Based SERS Platform for One-Step Screening of Tetracycline in Milk. <i>Scientific Reports</i> , 2019 , 9, 17922	4.9	26
150	Nanoparticles as Delivery Systems in Cancer Therapy 2019 , 257-295		9
149	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 137-144	7.5	26
148	Multifunctional microfluidic chip for optical nanoprobe based RNA detection - application to Chronic Myeloid Leukemia. <i>Scientific Reports</i> , 2018 , 8, 381	4.9	13
147	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Hetero-Arylidene-9(10H)-Anthrone. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 545-549	3.2	5

146	Optical and Structural Characterization of a Chronic Myeloid Leukemia DNA Biosensor. <i>ACS Chemical Biology</i> , 2018 , 13, 1235-1242	4.9	1
145	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	4.9	23
144	Gold nanoprobe-based non-crosslinking hybridization for molecular diagnostics: an update. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 767-773	3.8	3
143	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	4.8	24
142	Nano-Strategies to Fight Multidrug Resistant Bacteria-"A Battle of the Titans". <i>Frontiers in Microbiology</i> , 2018 , 9, 1441	5.7	346
141	A double Philadelphia chromosome-positive chronic myeloid leukemia patient, co-expressing P210 and P195 isoforms. <i>Haematologica</i> , 2018 , 103, e549-e552	6.6	5
140	Nanoparticle-antagomiR based targeting of miR-31 to induce osterix and osteocalcin expression in mesenchymal stem cells. <i>PLoS ONE</i> , 2018 , 13, e0192562	3.7	11
139	Inorganic Coordination Chemistry: Where We Stand in Cancer Treatment? 2018 ,		3
138	A novel mutation in a patient with Philadelphia chromosome-positive B-cell acute lymphoblastic leukemia. <i>OncoTargets and Therapy</i> , 2018 , 11, 8589-8598	4.4	3
137	POxylated Dendrimer-Based Nano-in-Micro Dry Powder Formulations for Inhalation Chemotherapy. <i>ChemistryOpen</i> , 2018 , 7, 772-779	2.3	8
136	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	4.8	1
135	Immortalization and characterization of a new canine mammary tumour cell line FR37-CMT. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 952-967	2.5	7
134	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	2.5	9
133	Gene Silencing Using Multifunctionalized Gold Nanoparticles for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2017 , 1530, 319-336	1.4	9
132	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	11.8	9
131	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	6	39
130	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	10.7	25
129	Current trends in molecular diagnostics of chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017 , 58, 1791-1804	1.9	18

128	Potentiating angiogenesis arrest in vivo via laser irradiation of peptide functionalised gold nanoparticles. <i>Journal of Nanobiotechnology</i> , 2017 , 15, 85	9.4	16
127	Photothermal enhancement of chemotherapy in breast cancer by visible irradiation of Gold Nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 10872	4.9	97
126	Gold Nanoparticles in Molecular Diagnostics and Molecular Therapeutics 2017 , 365-387		2
125	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017 , 16, 21-25	5.3	12
124	Multifunctional gold-nanoparticles: A nanovectorization tool for the targeted delivery of novel chemotherapeutic agents. <i>Journal of Controlled Release</i> , 2017 , 245, 52-61	11.7	43
123	Tumor Microenvironment Modulation via Gold Nanoparticles Targeting Malicious Exosomes: Implications for Cancer Diagnostics and Therapy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	39
122	Gold Nanobeacons for Tracking Gene Silencing in Zebrafish. <i>Nanomaterials</i> , 2017 , 7,	5.4	16
121	Digital Microfluidics for Nucleic Acid Amplification. <i>Sensors</i> , 2017 , 17,	3.8	30
120	A Digital Microfluidics Platform for Loop-Mediated Isothermal Amplification Detection. <i>Sensors</i> , 2017 , 17,	3.8	20
119	Nanoparticles-Emerging Potential for Managing Leukemia and Lymphoma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017 , 5, 79	5.8	36
118	Gold Nanoparticle Approach to the Selective Delivery of Gene Silencing in Cancer-The Case for Combined Delivery?. <i>Genes</i> , 2017 , 8,	4.2	61
117	A novel mutation in CEBPA gene in a patient with acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2016 , 57, 711-3	1.9	1
116	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	4.3	34
115	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	1.6	5
114	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, 290-3	9.3	9
113	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4Rphenyl-terpyridine compounds. <i>Dalton Transactions</i> , 2016 , 45, 5339-55	4.3	41
112	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, 1015-23		14
111	Gold Nanoparticles for DNA/RNA-Based Diagnostics 2016 , 1339-1370		2

110	Nanoparticles for Mass Spectrometry Applications 2016 , 1371-1396		
109	Peptide-coated gold nanoparticles for modulation of angiogenesis in vivo. <i>International Journal of Nanomedicine</i> , 2016 , 11, 2633-9	7.3	35
108	Gold Nanoparticles for Diagnostics: Advances towards Points of Care. <i>Diagnostics</i> , 2016 , 6,	3.8	76
107	BioCode gold-nanobeacon for the detection of fusion transcripts causing chronic myeloid leukemia. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 38	9.4	7
106	Liposomes as Delivery System of a Sn(IV) Complex for Cancer Therapy. <i>Pharmaceutical Research</i> , 2016 , 33, 1351-8	4.5	13
105	Colorimetric assessment of BCR-ABL1 transcripts in clinical samples via gold nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 5277-84	4.4	13
104	Characterization of antiproliferative potential and biological targets of a copper compound containing 4Rphenyl terpyridine. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 935-48	3.7	16
103	Nanoparticles for Mass Spectrometry Applications 2015 , 1-23		
102	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. <i>Nanoscale</i> , 2015 , 7, 9083-91	7.7	28
101	POxylated Polyurea Dendrimers: Smart Core-Shell Vectors with IC50 Lowering Capacity. <i>Macromolecular Bioscience</i> , 2015 , 15, 1045-51	5.5	25
100	Single nucleotide polymorphism detection using gold nanoprobe and bio-microfluidic platform with embedded microlenses. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 1210-9	4.9	7
99	Field effect sensors for nucleic Acid detection: recent advances and future perspectives. <i>Sensors</i> , 2015 , 15, 10380-98	3.8	67
98	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	17.9	63
97	Gold Nanoparticles for DNA/RNA-Based Diagnostics 2015 , 1-25		1
96	Gold nanoprobe-based non-crosslinking hybridization for molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2015 , 15, 1355-68	3.8	16
95	Gold nanoparticle-siRNA mediated oncogene knockdown at RNA and protein level, with associated gene effects. <i>Nanomedicine</i> , 2015 , 10, 2513-25	5.6	10
94	Scalable approach for the production of functional DNA based gold nanoprobe. <i>Journal of Membrane Science</i> , 2015 , 492, 528-535	9.6	1
93	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	15

92	One nanoprobe, two pathogens: gold nanoprobe multiplexing for point-of-care. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 48	9.4	13
91	Heterocyclic Anticancer Compounds: Recent Advances and the Paradigm Shift towards the Use of Nanomedicine [®] Tool Box. <i>Molecules</i> , 2015 , 20, 16852-91	4.8	286
90	Gold Nanotheranostics: Proof-of-Concept or Clinical Tool?. <i>Nanomaterials</i> , 2015 , 5, 1853-1879	5.4	90
89	Gold nanoparticle-based theranostics: disease diagnostics and treatment using a single nanomaterial. <i>Nanobiosensors in Disease Diagnosis</i> , 2015 , 11		10
88	DNA adduct identification using gold-aptamer nanoprobe. <i>IET Nanobiotechnology</i> , 2015 , 9, 95-101	2	2
87	Gold and Silver Nanoparticles for Diagnostics of Infection 2015 , 1-18		2
86	Mobile based gold nanoprobe TB diagnostics for point-of-need. <i>Methods in Molecular Biology</i> , 2015 , 1256, 41-56	1.4	8
85	Antibody-drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. <i>Journal of Controlled Release</i> , 2014 , 183, 87-93	11.7	86
84	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	3.7	26
83	A low cost, safe, disposable, rapid and self-sustainable paper-based platform for diagnostic testing: lab-on-paper. <i>Nanotechnology</i> , 2014 , 25, 094006	3.4	146
82	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, 1293-302 ¹	4.1	12
81	Gold nanoprobe for multi loci assessment of multi-drug resistant tuberculosis. <i>Tuberculosis</i> , 2014 , 94, 332-7	2.6	20
80	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. <i>RSC Advances</i> , 2014 , 4, 3690-3698	3.7	70
79	Gold Nanoparticles as (Bio)Chemical Sensors. <i>Comprehensive Analytical Chemistry</i> , 2014 , 66, 529-567	1.9	10
78	Nanodiagnosics: leaving the research lab to enter the clinics?. <i>Diagnosis</i> , 2014 , 1, 305-309	4.2	16
77	Dual-color control of nucleotide polymerization sensed by a fluorescence actuator. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 751-6	4.2	2
76	Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. <i>Advances in Delivery Science and Technology</i> , 2014 , 295-328		1
75	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	3.7	11

74	Anti-cancer precision theranostics: a focus on multifunctional gold nanoparticles. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 1041-52	3.8	47
73	Polyurea dendrimer for efficient cytosolic siRNA delivery. <i>RSC Advances</i> , 2014 , 4, 54872-54878	3.7	18
72	Evidence of one-way flow bioaccumulation of gold nanoparticles across two trophic levels. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	30
71	Characterization of genomic single nucleotide polymorphism via colorimetric detection using a single gold nanoprobe. <i>Analytical Biochemistry</i> , 2014 , 465, 1-5	3.1	13
70	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	7.9	23
69	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , 2014 , 8, 521-32	5.3	69
68	Application of Nanotechnology in Drug Delivery 2014 ,		10
67	A promising road with challenges: where are gold nanoparticles in translational research?. <i>Nanomedicine</i> , 2014 , 9, 2353-70	5.6	50
66	Revisiting 30 years of biofunctionalization and surface chemistry of inorganic nanoparticles for nanomedicine. <i>Frontiers in Chemistry</i> , 2014 , 2, 48	5	254
65	AuNPs for identification of molecular signatures of resistance. <i>Frontiers in Microbiology</i> , 2014 , 5, 455	5.7	22
64	Exosome in tumour microenvironment: overview of the crosstalk between normal and cancer cells. <i>BioMed Research International</i> , 2014 , 2014, 179486	3	155
63	Ion sensing (EIS) real-time quantitative monitorization of isothermal DNA amplification. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 50-5	11.8	32
62	Nanotechnology for Cancer Diagnostics and Therapy [An Update on Novel Molecular Players. <i>Current Cancer Therapy Reviews</i> , 2014 , 9, 164-172	0.4	4
61	Organometallic compounds in cancer therapy: past lessons and future directions. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 1199-212	2.2	34
60	Nanoparticle Drug Delivery Systems: Recent Patents and Applications in Nanomedicine. <i>Recent Patents on Nanomedicine</i> , 2014 , 3, 105-118		31
59	THE CHEMISTRY AND BIOLOGY OF GOLD NANOPARTICLE-MEDIATED PHOTOTHERMAL THERAPY: PROMISES AND CHALLENGES. <i>Nano LIFE</i> , 2013 , 03, 1330001	0.9	19
58	In vivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. <i>Biomaterials</i> , 2013 , 34, 7744-53	15.6	117
57	Coupling an universal primer to SBE combined spectral codification strategy for single nucleotide polymorphism analysis. <i>Journal of Biotechnology</i> , 2013 , 168, 90-4	3.7	5

56	Gold-nanobeacons for simultaneous gene specific silencing and intracellular tracking of the silencing events. <i>Biomaterials</i> , 2013 , 34, 2516-23	15.6	71
55	Fast nucleotide identification through fingerprinting using gold nanoparticle-based surface-assisted laser desorption/ionisation. <i>Talanta</i> , 2013 , 105, 417-21	6.2	6
54	Bio-microfluidic platform for gold nanoprobe based DNA detection--application to Mycobacterium tuberculosis. <i>Biosensors and Bioelectronics</i> , 2013 , 48, 87-93	11.8	37
53	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	9.4	28
52	. <i>Journal of Display Technology</i> , 2013 , 9, 723-728		7
51	Nanomaterials for reversion of multidrug resistance in cancer: a new hope for an old idea?. <i>Frontiers in Pharmacology</i> , 2013 , 4, 134	5.6	26
50	Association of FTO and PPARG polymorphisms with obesity in Portuguese women. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013 , 6, 241-5	3.4	10
49	Gold and silver nanoparticles for clinical diagnostics - From genomics to proteomics. <i>Journal of Proteomics</i> , 2012 , 75, 2811-23	3.9	130
48	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1019-27	4.4	55
47	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	1.4	9
46	Design of multifunctional gold nanoparticles for in vitro and in vivo gene silencing. <i>ACS Nano</i> , 2012 , 6, 8316-24	16.7	193
45	Gold-nanobeacons for real-time monitoring of RNA synthesis. <i>Biosensors and Bioelectronics</i> , 2012 , 36, 161-7	11.8	37
44	Contribution of efflux to the emergence of isoniazid and multidrug resistance in Mycobacterium tuberculosis. <i>PLoS ONE</i> , 2012 , 7, e34538	3.7	147
43	Gold on paper-paper platform for Au-nanoprobe TB detection. <i>Lab on A Chip</i> , 2012 , 12, 4802-8	7.2	116
42	RNA quantification with gold nanoprobes for cancer diagnostics. <i>Clinics in Laboratory Medicine</i> , 2012 , 32, 1-13	2.1	6
41	Noble metal nanoparticles for biosensing applications. <i>Sensors</i> , 2012 , 12, 1657-87	3.8	479
40	Modification of plasmid DNA topology by histone-mimetic gold nanoparticles. <i>Nanomedicine</i> , 2012 , 7, 1657-66	5.6	11
39	Enhancement of antibiotic effect via gold:silver-alloy nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	24

38	Effect of PEG biofunctional spacers and TAT peptide on dsRNA loading on gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	25
37	Noble metal nanoparticles applications in cancer. <i>Journal of Drug Delivery</i> , 2012 , 2012, 751075	2.3	304
36	Nanophotonics for Molecular Diagnostics and Therapy Applications. <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-11	2.1	29
35	Alloy metal nanoparticles for multicolor cancer diagnostics 2011 ,		5
34	Experimental photophysical characterization of fluorophores in the vicinity of gold nanoparticles. <i>Nanotechnology</i> , 2011 , 22, 415202	3.4	20
33	Nanoparticles in molecular diagnostics. <i>Progress in Molecular Biology and Translational Science</i> , 2011 , 104, 427-88	4	36
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