

List of Publications by Year in descending order

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408
papers

17,546
citations

15504

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417
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417
docs citations

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times ranked

21879
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Fullerenes as Doxorubicin Nano-Transporters on Metallothionein and Superoxide Dismutase Status in MCF-10A Cells. <i>Pharmaceutics</i> , 2022, 14, 102.	4.5	4
2	Effect of Biosynthesized Silver Nanoparticles on Bacterial Biofilm Changes in <i>S. aureus</i> and <i>E. coli</i> . <i>Nanomaterials</i> , 2022, 12, 2183.	4.1	11
3	Activity of CdTe Quantum-Dot-Tagged Superoxide Dismutase and Its Analysis in Capillary Electrophoresis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6156.	4.1	0
4	constant current chronopotentiometry Study of dna for the Detection of African Swine Fever Virus. , 2021, , .		1
5	Preparation of Aluminium Oxide Nanoparticles USING green synthesis. , 2021, , .		0
6	Application of nanotechnology based-biosensors in analysis of wine compounds and control of wine quality and safety: A critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3271-3289.	10.3	19
7	The role of glutathione redox imbalance in autism spectrum disorder: A review. <i>Free Radical Biology and Medicine</i> , 2020, 160, 149-162.	2.9	84
8	Study of Physico-Chemical Changes of CdTe QDs after Their Exposure to Environmental Conditions. <i>Nanomaterials</i> , 2020, 10, 865.	4.1	10
9	Copper Concentrations in Breast Cancer: A Systematic Review and Meta-Analysis. <i>Current Medicinal Chemistry</i> , 2020, 27, 6373-6383.	2.4	24
10	STUDY OF THE EFFECT OF PARACETAMOL BINDED IN POLYMERIC NANOPARTICLES ON DAFNIA MAGNA. , 2020, , .		0
11	An Assessment of the Effect of Green Synthesized Silver Nanoparticles Using Sage Leaves (<i>Salvia</i>) Tj ETQq1 1 0.784314 rgBT /Overload	4.1	28
12	Nuclear transport of nicotinamide phosphoribosyltransferase is cell cycle-dependent in mammalian cells, and its inhibition slows cell growth. <i>Journal of Biological Chemistry</i> , 2019, 294, 8676-8689.	3.4	23
13	Carbon Nanomaterials for Targeted Cancer Therapy Drugs: A Critical Review. <i>Chemical Record</i> , 2019, 19, 502-522.	5.8	63
14	Zinc Modified Nanotransporter of Anticancer Drugs for Targeted Therapy: Biophysical Analysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2483-2488.	0.9	0
15	Development of New Silver Nanoparticles Suitable for Materials with Antimicrobial Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2762-2769.	0.9	21
16	A Rapid Method for the Detection of Sarcosine Using SPIONs/Au/CS/SOX/NPs for Prostate Cancer Sensing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3722.	4.1	21
17	Metallothionein and Superoxide Dismutase Antioxidative Protein Status in Fullerene-Doxorubicin Delivery to MCF-7 Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3253.	4.1	12
18	Fullerene as a doxorubicin nanotransporter for targeted breast cancer therapy: Capillary electrophoresis analysis. <i>Electrophoresis</i> , 2018, 39, 2370-2379.	2.4	26

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19	Nano-selenium and its nanomedicine applications: a critical review. International Journal of Nanomedicine, 2018, Volume 13, 2107-2128.	6.7	394
20	Contribution of Red Wine Consumption to Human Health Protection. Molecules, 2018, 23, 1684.	3.8	143
21	Escape of Tick-Borne Flavivirus from 2'-Methylated Nucleoside Antivirals Is Mediated by a Single Conservative Mutation in NS5 That Has a Dramatic Effect on Viral Fitness. Journal of Virology, 2017, 91, .	3.4	33
22	A Summary of New Findings on the Biological Effects of Selenium in Selected Animal Species—A Critical Review. International Journal of Molecular Sciences, 2017, 18, 2209.	4.1	152
23	Zinc-Modified Nanotransporter of Doxorubicin for Targeted Prostate Cancer Delivery. Nanomaterials, 2017, 7, 435.	4.1	15
24	Improved Electrochemical Detection of Zinc Ions Using Electrode Modified with Electrochemically Reduced Graphene Oxide. Materials, 2016, 9, 31.	2.9	34
25	Fluorescence Characterization of Gold Modified Liposomes with Antisense N-myc DNA Bound to the Magnetisable Particles with Encapsulated Anticancer Drugs (Doxorubicin, Ellipticine and Etoposide). Sensors, 2016, 16, 290.	3.8	12
26	Relation of exposure to amino acids involved in sarcosine metabolic pathway on behavior of non-tumor and malignant prostatic cell lines. Prostate, 2016, 76, 679-690.	2.3	16
27	Metallothioneins in Prion- and Amyloid-Related Diseases. Journal of Alzheimer's Disease, 2016, 51, 637-656.	2.6	18
28	Heterologous expression of human cytochrome P450 2S1 in Escherichia coli and investigation of its role in metabolism of benzo[a]pyrene and ellipticine. Monatshefte für Chemie, 2016, 147, 881-888.	1.8	4
29	Effect of HPV on tumor expression levels of the most commonly used markers in HNSCC. Tumor Biology, 2016, 37, 7193-7201.	1.8	3
30	Transport phenomena of nanoparticles in plants and animals/humans. Environmental Research, 2016, 151, 233-243.	7.5	60
31	Prostate tumor attenuation in the nu/nu murine model due to anti-sarcosine antibodies in folate-targeted liposomes. Scientific Reports, 2016, 6, 33379.	3.3	23
32	Evaluation of EGFR as a prognostic and diagnostic marker for head and neck squamous cell carcinoma patients. Oncology Letters, 2016, 12, 2127-2132.	1.8	13
33	Metallothionein modulation in relation to cadmium bioaccumulation and age-dependent sensitivity of Chironomus riparius larvae. Environmental Science and Pollution Research, 2016, 23, 10504-10513.	5.3	17
34	Bioconjugation of peptides using advanced nanomaterials to examine their interactions in 3D printed flow-through device. Electrophoresis, 2016, 37, 444-454.	2.4	4
35	Induced expression of microsomal cytochrome b 5 determined at mRNA and protein levels in rats exposed to ellipticine, benzo[a]pyrene, and 1-phenylazo-2-naphthol (Sudan I). Monatshefte für Chemie, 2016, 147, 897-904.	1.8	3
36	Antiviral activity of fullerene C60 nanocrystals modified with derivatives of anionic antimicrobial peptide maximin H5. Monatshefte für Chemie, 2016, 147, 905-918.	1.8	31

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37	Electrochemical sensing of etoposide using carbon quantum dot modified glassy carbon electrode. <i>Analyst</i> , The, 2016, 141, 2665-2675.	3.5	57
38	Electrochemical determination of adenine using a glassy carbon electrode modified with graphene oxide and polyaniline. <i>Mikrochimica Acta</i> , 2016, 183, 1299-1306.	5.0	21
39	Ultrasensitive detection of influenza viruses with a glycan-based impedimetric biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 79, 644-649.	10.1	76
40	3D printed stratospheric probe as a platform for determination of DNA damage based on carbon quantum dots/DNA complex fluorescence increase. <i>Monatshefte für Chemie</i> , 2016, 147, 873-880.	1.8	8
41	Microarray analysis of metallothioneins in human diseases—A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 464-473.	2.8	43
42	Metallothionein as a Scavenger of Free Radicals - New Cardioprotective Therapeutic Agent or Initiator of Tumor Chemoresistance?. <i>Current Drug Targets</i> , 2016, 17, 1438-1451.	2.1	17
43	Metal Containing Cytostatics and Their Interaction with Cellular Thiol Compounds Causing Chemoresistance. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 686-698.	1.7	15
44	The influence of feeding purple wheat with higher content of anthocyanins on antioxidant status and selected enzyme activity of animals. <i>Acta Veterinaria Brno</i> , 2016, 85, 371-376.	0.5	11
45	Fluorescence-tagged metallothionein with CdTe quantum dots analyzed by the chip-CE technique. <i>Journal of Nanoparticle Research</i> , 2015, 17, 423.	1.9	6
46	Fabrication of solid-state nanopores and its perspectives. <i>Electrophoresis</i> , 2015, 36, 2367-2379.	2.4	53
47	Doxorubicin interactions with bovine serum albumin revealed by microdialysis with online laser-induced fluorescence detection at subpicogram level. <i>Electrophoresis</i> , 2015, 36, 1282-1288.	2.4	4
48	3D-printed biosensor with poly(dimethylsiloxane) reservoir for magnetic separation and quantum dots-based immunolabeling of metallothionein. <i>Electrophoresis</i> , 2015, 36, 1256-1264.	2.4	25
49	Label-free bead-based metallothionein electrochemical immunosensor. <i>Electrophoresis</i> , 2015, 36, 1894-1904.	2.4	8
50	Quantification of nanomaterial bioconjugation based on electrophoretic mobility shift. <i>Electrophoresis</i> , 2015, 36, 1084-1085.	2.4	2
51	The Composites of Graphene Oxide with Metal or Semimetal Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Materials</i> , 2015, 8, 2994-3011.	2.9	38
52	Staphylococcus aureus and MRSA Growth and Biofilm Formation after Treatment with Antibiotics and SeNPs. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24656-24672.	4.1	68
53	Prion protein and its interactions with metal ions (Cu ²⁺ , Zn ²⁺ , and Cd ²⁺) and metallothionein 3. <i>ADMET and DMPK</i> , 2015, 3, .	2.1	1
54	Effects of Stratospheric Conditions on the Viability, Metabolism and Proteome of Prokaryotic Cells. <i>Atmosphere</i> , 2015, 6, 1290-1306.	2.3	15

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55	Perspective of Use of Antiviral Peptides against Influenza Virus. <i>Viruses</i> , 2015, 7, 5428-5442.	3.3	98
56	Are Early Somatic Embryos of the Norway Spruce (<i>Picea abies</i> (L.) Karst.) Organised?. <i>PLoS ONE</i> , 2015, 10, e0144093.	2.5	3
57	Oxidative Stress Resistance in Metastatic Prostate Cancer: Renewal by Self-Eating. <i>PLoS ONE</i> , 2015, 10, e0145016.	2.5	24
58	Jacks of metal/metalloid chelation trade in plants—an overview. <i>Frontiers in Plant Science</i> , 2015, 6, 192.	3.6	148
59	ELISA-like Analysis of Cisplatinated DNA Using Magnetic Separation. <i>Nanobiomedicine</i> , 2015, 2, 10.	5.7	0
60	Fate of humic acids isolated from natural humic substances. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 517-528.	0.6	4
61	Use of nucleic acids anchor system to reveal apoferritin modification by cadmium telluride nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2109-2118.	5.8	7
62	Biological Activity and Molecular Structures of Bis(benzimidazole) and Trithiocyanurate Complexes. <i>Molecules</i> , 2015, 20, 10360-10376.	3.8	38
63	Paramagnetic Nanoparticles as a Platform for FRET-Based Sarcosine Picomolar Detection. <i>Scientific Reports</i> , 2015, 5, 8868.	3.3	51
64	An electrochemical DNA-based biosensor to study the effects of CdTe quantum dots on UV-induced damage of DNA. <i>Mikrochimica Acta</i> , 2015, 182, 1715-1722.	5.0	21
65	SDS-PAGE as a Tool for Hydrodynamic Diameter-Dependent Separation of Quantum Dots. <i>Chromatographia</i> , 2015, 78, 785-793.	1.3	10
66	Complexes of Metal-Based Nanoparticles with Chitosan Suppressing the Risk of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> Infections. , 2015, , 217-232.		12
67	Influence of microbiome species in hard-to-heal wounds on disease severity and treatment duration. <i>Brazilian Journal of Infectious Diseases</i> , 2015, 19, 604-613.	0.6	11
68	Molecular response of 4T1-induced mouse mammary tumours and healthy tissues to zinc treatment. <i>International Journal of Oncology</i> , 2015, 46, 1810-1818.	3.3	12
69	Label-free and amplification-free miR-124 detection in human cells. <i>International Journal of Oncology</i> , 2015, 46, 871-877.	3.3	8
70	Vacuolar-ATPase-mediated intracellular sequestration of ellipticine contributes to drug resistance in neuroblastoma cells. <i>International Journal of Oncology</i> , 2015, 47, 971-980.	3.3	14
71	17 β -estradiol-containing liposomes as a novel delivery system for the antisense therapy of ER-positive breast cancer: An in vitro study on the MCF-7 cell line. <i>Oncology Reports</i> , 2015, 33, 921-929.	2.6	15
72	Differences in urinary proteins related to surgical margin status after radical prostatectomy. <i>Oncology Reports</i> , 2015, 34, 3247-3255.	2.6	10

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73	Application of CdTe/ZnSe Quantum Dots in <i>In Vitro</i> Imaging of Chicken Tissue and Embryo. <i>Photochemistry and Photobiology</i> , 2015, 91, 417-423.	2.5	27
74	Novel biophysical determination of miRNAs related to prostate and head and neck cancers. <i>European Biophysics Journal</i> , 2015, 44, 131-138.	2.2	9
75	Nanoscale copper in the soil-plant system toxicity and underlying potential mechanisms. <i>Environmental Research</i> , 2015, 138, 306-325.	7.5	124
76	Study of Linkage between Glutathione Pathway and the Antibiotic Resistance of <i>Escherichia coli</i> from Patients' Swabs. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7210-7229.	4.1	8
77	Quantum dots-fluorescence resonance energy transfer-based nanosensors and their application. <i>Biosensors and Bioelectronics</i> , 2015, 74, 562-574.	10.1	216
78	Prognostic significance of the tumour-adjacent tissue in head and neck cancers. <i>Tumor Biology</i> , 2015, 36, 9929-9939.	1.8	16
79	Structural effects and nanoparticle size are essential for quantum dots-metallothionein complex formation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 262-272.	5.0	21
80	A 3D Microfluidic Chip for Electrochemical Detection of Hydrolysed Nucleic Bases by a Modified Glassy Carbon Electrode. <i>Sensors</i> , 2015, 15, 2438-2452.	3.8	16
81	Simultaneous Automatic Electrochemical Detection of Zinc, Cadmium, Copper and Lead Ions in Environmental Samples Using a Thin-Film Mercury Electrode and an Artificial Neural Network. <i>Sensors</i> , 2015, 15, 592-610.	3.8	51
82	Nanotechnologies in protein microarrays. <i>Nanomedicine</i> , 2015, 10, 2743-2755.	3.3	22
83	Mechanisms of Uptake and Interaction of Platinum Based Drugs in Eukaryotic Cells. <i>Environmental Science and Engineering</i> , 2015, , 401-415.	0.2	2
84	Synthesis of carbon quantum dots for DNA labeling and its electrochemical, fluorescent and electrophoretic characterization. <i>Chemical Papers</i> , 2015, 69, .	2.2	30
85	The effect of metal ions on <i>Staphylococcus aureus</i> revealed by biochemical and mass spectrometric analyses. <i>Microbiological Research</i> , 2015, 170, 147-156.	5.3	51
86	Interaction study of arsenic (III and V) ions with metallothionein gene (MT2A) fragment. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 599-605.	7.5	1
87	Use of green fluorescent proteins for in vitro biosensing. <i>Chemical Papers</i> , 2015, 69, .	2.2	2
88	3D-printed chip for detection of methicillin-resistant <i>Staphylococcus aureus</i> labeled with gold nanoparticles. <i>Electrophoresis</i> , 2015, 36, 457-466.	2.4	51
89	Microchip Capillary Electrophoresis: Quantum Dots and Paramagnetic Particles for Bacteria Immunoseparation. <i>Methods in Molecular Biology</i> , 2015, 1274, 67-79.	0.9	2
90	Multimodal Holographic Microscopy: Distinction between Apoptosis and Oncosis. <i>PLoS ONE</i> , 2015, 10, e0121674.	2.5	59

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91	Exposure to 17 β -Oestradiol Induces Oxidative Stress in the Non-Oestrogen Receptor Invertebrate Species <i>Eisenia fetida</i> . PLoS ONE, 2015, 10, e0145426.	2.5	9
92	Melatonin Regulates Oxidative Stress Initiated by Freund's Complete Adjuvant. Acta Medica (Hradec) 2015, 10, 105-111.	0.5	2
93	Antimicrobial nanomaterials in the food industry.. Kvasnicka Průmysl, 2015, 61, 51-56.	0.2	7
94	Papillomavirus infection of roe deer in the Czech Republic and fibropapilloma-associated levels of metallothionein, zinc, and oxidative stress. Acta Veterinaria Brno, 2015, 84, 105-111.	0.5	5
95	Preparation and application of anti-peptide antibodies for detection of orphan cytochromes P450. Neuroendocrinology Letters, 2015, 36 Suppl 1, 38-45.	0.2	1
96	Metallothionein – Immunohistochemical Cancer Biomarker: A Meta-Analysis. PLoS ONE, 2014, 9, e85346.	2.5	61
97	Effect of Ampicillin, Streptomycin, Penicillin and Tetracycline on Metal Resistant and Non-Resistant <i>Staphylococcus aureus</i> . International Journal of Environmental Research and Public Health, 2014, 11, 3233-3255.	2.6	45
98	In Vitro Interactions between 17 β -Estradiol and DNA Result in Formation of the Hormone-DNA Complexes. International Journal of Environmental Research and Public Health, 2014, 11, 7725-7739.	2.6	8
99	Flow Injection Analysis with Electrochemical Detection for Rapid Identification of Platinum-Based Cytostatics and Platinum Chlorides in Water. International Journal of Environmental Research and Public Health, 2014, 11, 1715-1724.	2.6	2
100	Apo ferritin applications in nanomedicine. Nanomedicine, 2014, 9, 2233-2245.	3.3	60
101	Influence of Magnetic Microparticles Isolation on Adenine Homonucleotides Structure. Materials, 2014, 7, 1455-1472.	2.9	2
102	Modulation of Induced Cytotoxicity of Doxorubicin by Using Apoferritin and Liposomal Cages. International Journal of Molecular Sciences, 2014, 15, 22960-22977.	4.1	23
103	Algal Biomass Analysis by Laser-Based Analytical Techniques – A Review. Sensors, 2014, 14, 17725-17752.	3.8	53
104	Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats – A Comparative Study. Sensors, 2014, 14, 22982-22997.	3.8	5
105	Identification of estrogen receptor proteins in breast cancer cells using matrix-assisted laser desorption/ionization time of flight mass spectrometry (Review). Oncology Letters, 2014, 7, 1341-1344.	1.8	6
106	Interaction of Heavy Metal Ions with Carbon and Iron Based Particles. Materials, 2014, 7, 2242-2256.	2.9	28
107	Isolation of Biogenic Amines Using Paramagnetic Microparticles Off-Line Coupled with Ion Exchange Liquid Chromatography. Chromatographia, 2014, 77, 1451-1459.	1.3	8
108	Preconcentration based on paramagnetic microparticles for the separation of sarcosine using hydrophilic interaction liquid chromatography coupled with coulometric detection. Journal of Separation Science, 2014, 37, 465-575.	2.5	12

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109	Interaction of E6 Gene from Human Papilloma Virus 16 (HPV-16) with CdS Quantum Dots. <i>Chromatographia</i> , 2014, 77, 1433-1439.	1.3	5
110	Histone deacetylase inhibitors in cancer therapy. A review. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 161-169.	0.6	53
111	Paramagnetic Particles and PNA Probe for Automated Separation and Electrochemical Detection of Influenza. <i>Chromatographia</i> , 2014, 77, 1425-1432.	1.3	2
112	Modern Bioanalysis of Proteins by Electrophoretic Techniques. <i>Methods in Molecular Biology</i> , 2014, 1129, 381-396.	0.9	4
113	Trithiocyanurate Complexes of Iron, Manganese and Nickel and Their Anticholinesterase Activity. <i>Molecules</i> , 2014, 19, 4338-4354.	3.8	8
114	Investigating the influence of taurine on thiol antioxidant status in Wistar rats with a multi-analytical approach. <i>Journal of Applied Biomedicine</i> , 2014, 12, 97-110.	1.7	10
115	MALDI-TOF MS as evolving cancer diagnostic tool: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 245-255.	2.8	88
116	Comparison of the effects of silver phosphate and selenium nanoparticles on <i>Staphylococcus aureus</i> growth reveals potential for selenium particles to prevent infection. <i>FEMS Microbiology Letters</i> , 2014, 351, 195-201.	1.8	69
117	Liposomal nanotransporter for targeted binding based on nucleic acid anchor system. <i>Electrophoresis</i> , 2014, 35, 393-404.	2.4	5
118	Synthesis, crystal structure and magnetic properties of trithiocyanurate or thiodiacetate polynuclear Ni(II) and Co(II) complexes. <i>Inorganica Chimica Acta</i> , 2014, 416, 147-156.	2.4	9
119	Remote-controlled robotic platform ORPHEUS as a new tool for detection of bacteria in the environment. <i>Electrophoresis</i> , 2014, 35, 2333-2345.	2.4	23
120	DNA interaction with zinc(II) ions. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 281-287.	7.5	17
121	Fluorescence resonance energy transfer between green fluorescent protein and doxorubicin enabled by DNA nanotechnology. <i>Electrophoresis</i> , 2014, 35, 3290-3301.	2.4	8
122	Fullerene as a transporter for doxorubicin investigated by analytical methods and in vivo imaging. <i>Electrophoresis</i> , 2014, 35, 1040-1049.	2.4	32
123	Biosynthesis of Quantum Dots (CdTe) and its Effect on <i>Eisenia fetida</i> and <i>Escherichia coli</i> . <i>Chromatographia</i> , 2014, 77, 1441-1449.	1.3	16
124	Doxorubicin Encapsulation Investigated by Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Chromatographia</i> , 2014, 77, 1469-1476.	1.3	11
125	Capillary electrophoresis of quantum dots: Minireview. <i>Electrophoresis</i> , 2014, 35, 1929-1937.	2.4	21
126	Metallothionein polymorphisms in pathological processes. <i>Metallomics</i> , 2014, 6, 55-68.	2.4	86

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127	Identification of quantum dots labeled metallothionein by fast scanning laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 101, 220-225.	2.9	14
128	From Amino Acids Profile to Protein Identification: Searching for Differences in Roe Deer Papilloma. <i>Chromatographia</i> , 2014, 77, 609-617.	1.3	1
129	Utilization of paramagnetic microparticles for automated isolation of free circulating mRNA as a new tool in prostate cancer diagnostics. <i>Electrophoresis</i> , 2014, 35, 306-315.	2.4	1
130	An Effect of Cadmium and Lead Ions on Escherichia coli with the Cloned Gene for Metallothionein (MT-3) Revealed by Electrochemistry. <i>Electrochimica Acta</i> , 2014, 140, 11-19.	5.2	18
131	Interactions between Cd quantum dots and DNA revealed by capillary electrophoresis with laser-induced fluorescence detection. <i>Electrophoresis</i> , 2014, 35, 2587-2592.	2.4	21
132	Fe_3O_4 Nanoparticles Covered with Glutathione-Modified Quantum Dots as a Fluorescent Nanotransporter. <i>Chromatographia</i> , 2014, 77, 1415-1423.	1.3	10
133	Study of metallothionein-quantum dots interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 534-537.	5.0	16
134	Clinical significance of head and neck squamous cell cancer biomarkers. <i>Oral Oncology</i> , 2014, 50, 168-177.	1.5	88
135	3D printed chip for electrochemical detection of influenza virus labeled with CdS quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 54, 421-427.	10.1	115
136	KRAS NF- κ B is involved in the development of zinc resistance and reduced curability in prostate cancer. <i>Metallomics</i> , 2014, 6, 1240.	2.4	11
137	Hypoxia-mediated histone acetylation and expression of N-myc transcription factor dictate aggressiveness of neuroblastoma cells. <i>Oncology Reports</i> , 2014, 31, 1928-1934.	2.6	18
138	Cisplatin-resistant prostate cancer model: Differences in antioxidant system, apoptosis and cell cycle. <i>International Journal of Oncology</i> , 2014, 44, 923-933.	3.3	58
139	Determination of common urine substances as an assay for improving prostate carcinoma diagnostics. <i>Oncology Reports</i> , 2014, 31, 1846-1854.	2.6	35
140	Serum and Tissue Zinc in Epithelial Malignancies: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e99790.	2.5	82
141	Electrochemical Study of Ellipticine Interaction with Single and Double Stranded Oligonucleotides. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 331-340.	1.7	10
142	Modulation of human cytochrome P450 1A1-mediated oxidation of benzo[a]pyrene by NADPH:cytochrome P450 oxidoreductase and cytochrome b5. <i>Neuroendocrinology Letters</i> , 2014, 35 Suppl 2, 105-13.	0.2	9
143	Study of Streptavidin-Modified Quantum Dots by Capillary Electrophoresis. <i>Chromatographia</i> , 2013, 76, 335-343.	1.3	17
144	Glutathione modified CdTe quantum dots as a label for studying DNA interactions with platinum based cytostatics. <i>Electrophoresis</i> , 2013, 34, 801-808.	2.4	9

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145	Study of Interaction between Metallothionein and CdTe Quantum Dots. <i>Chromatographia</i> , 2013, 76, 345-353.	1.3	31
146	Lead toxicosis of captive vultures: case description and responses to chelation therapy. <i>BMC Veterinary Research</i> , 2013, 9, 11.	1.9	31
147	Integrated chip electrophoresis and magnetic particle isolation used for detection of hepatitis B virus oligonucleotides. <i>Electrophoresis</i> , 2013, 34, 1548-1554.	2.4	16
148	Spectrometric and Chromatographic Study of Reactive Oxidants Hypochlorous and Hypobromous Acids and Their Interactions with Taurine. <i>Chromatographia</i> , 2013, 76, 363-373.	1.3	15
149	Metal Transporters in Plants. , 2013, , 19-41.		13
150	Apo ferritin Modified Magnetic Particles as Doxorubicin Carriers for Anticancer Drug Delivery. <i>International Journal of Molecular Sciences</i> , 2013, 14, 13391-13402.	4.1	56
151	Electrophoretic study of peptide-mediated quantum dot-human immunoglobulin bioconjugation. <i>Electrophoresis</i> , 2013, 34, 2725-2732.	2.4	22
152	The relationship between DNA adduct formation by benzo[a]pyrene and expression of its activation enzyme cytochrome P450 1A1 in rat. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 989-996.	4.0	46
153	Classification of genomic signals using dynamic time warping. <i>BMC Bioinformatics</i> , 2013, 14, S1.	2.6	45
154	Development of a Magnetic Electrochemical Bar Code Array for Point Mutation Detection in the H5N1 Neuraminidase Gene. <i>Viruses</i> , 2013, 5, 1719-1739.	3.3	17
155	Investigation of interaction between magnetic silica particles and lambda phage DNA fragment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 86, 65-72.	2.8	22
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