

Marie Stiborova

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Benzo[a]pyrene-Induced Genotoxicity in Rats Is Affected by Co-Exposure to Sudan I by Altering the Expression of Biotransformation Enzymes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8062.	4.1	9
2	Co-Exposure to Aristolochic Acids I and II Increases DNA Adduct Formation Responsible for Aristolochic Acid I-Mediated Carcinogenicity in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10479.	4.1	15
3	Cytochrome P450 and flavin-containing monooxygenase enzymes are responsible for differential oxidation of the anti-thyroid-cancer drug vandetanib by human and rat hepatic microsomal systems. <i>Environmental Toxicology and Pharmacology</i> , 2020, 74, 103310.	4.0	11
4	Surface-PASylation of ferritin to form stealth nanovehicles enhances in vivo therapeutic performance of encapsulated ellipticine. <i>Applied Materials Today</i> , 2020, 18, 100501.	4.3	13
5	Expression Patterns of Xenobiotic-Metabolizing Enzymes in Tumor and Adjacent Normal Mucosa Tissues among Patients with Colorectal Cancer: The ColoCare Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 460-469.	2.5	16
6	<i>In Vivo</i> Metabolism of Aristolochic Acid I and II in Rats Is Influenced by Their Coexposure. <i>Chemical Research in Toxicology</i> , 2020, 33, 2804-2818.	3.3	10
7	Identification of Human Enzymes Oxidizing the Anti-Thyroid-Cancer Drug Vandetanib and Explanation of the High Efficiency of Cytochrome P450 3A4 in its Oxidation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3392.	4.1	13
8	The impact of p53 on aristolochic acid I-induced nephrotoxicity and DNA damage in vivo and in vitro. <i>Archives of Toxicology</i> , 2019, 93, 3345-3366.	4.2	16
9	Application of hepatic cytochrome b/P450 reductase null (HBRN) mice to study the role of cytochrome b in the cytochrome P450-mediated bioactivation of the anticancer drug ellipticine. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 64-74.	2.8	2
10	Prostate cancer-specific hallmarks of amino acids metabolism: Towards a paradigm of precision medicine. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 248-258.	7.4	34
11	Balkan Endemic Nephropathy and the Causative Role of Aristolochic Acid. <i>Seminars in Nephrology</i> , 2019, 39, 284-296.	1.6	48
12	Ellipticine-loaded apoferritin nanocarrier retains DNA adduct-based cytochrome P450-facilitated toxicity in neuroblastoma cells. <i>Toxicology</i> , 2019, 419, 40-54.	4.2	12
13	Folic acid-mediated re-shuttling of ferritin receptor specificity towards a selective delivery of highly cytotoxic nickel(II) coordination compounds. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 1099-1111.	7.5	18
14	Sarcosine is a prostate epigenetic modifier that elicits aberrant methylation patterns through the SAM \rightarrow DNMTs axis. <i>Molecular Oncology</i> , 2019, 13, 1002-1017.	4.6	14
15	Tyrosine kinase inhibitors vandetanib, lenvatinib and cabozantinib modulate oxidation of an anticancer agent ellipticine catalyzed by cytochromes P450 in vitro. <i>Neuroendocrinology Letters</i> , 2019, 39, 515-524.	0.2	0
16	The impact of chemotherapeutic drugs on the CYP1A1-catalysed metabolism of the environmental carcinogen benzo[a]pyrene: Effects in human colorectal HCT116 TP53(+/+), TP53(+/ \hat{a}) and TP53(\hat{a} / \hat{a}) cells. <i>Toxicology</i> , 2018, 398-399, 1-12.	4.2	16
17	Exposure to endocrine disruptors 17 α -ethinylestradiol and estradiol influences cytochrome P450 1A1-mediated genotoxicity of benzo[a]pyrene and expression of this enzyme in rats. <i>Toxicology</i> , 2018, 400-401, 48-56.	4.2	12
18	Formation of Covalent DNA Adducts by Enzymatically Activated Carcinogens and Drugs <i>In Vitro</i> and Their Determination by ³² P-postlabeling. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2

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19	Differentiation-associated urothelial cytochrome P450 oxidoreductase predicates the xenobiotic-metabolizing activity of luminal-muscle-invasive bladder cancers. <i>Molecular Carcinogenesis</i> , 2018, 57, 606-618.	2.7	17
20	Cytochrome b 5 impacts on cytochrome P450-mediated metabolism of benzo[a]pyrene and its DNA adduct formation: studies in hepatic cytochrome b 5 /P450 reductase null (HBRN) mice. <i>Archives of Toxicology</i> , 2018, 92, 1625-1638.	4.2	26
21	An insight into the complex roles of metallothioneins in malignant diseases with emphasis on (sub)isoforms/isoforms and epigenetics phenomena. , 2018, 183, 90-117.		29
22	Sarcosine influences apoptosis and growth of prostate cells via cell-type specific regulation of distinct sets of genes. <i>Prostate</i> , 2018, 78, 104-112.	2.3	8
23	The Histone Deacetylase Inhibitor Valproic Acid Exerts a Synergistic Cytotoxicity with the DNA-Damaging Drug Ellipticine in Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 164.	4.1	19
24	Prostate-Specific Membrane Antigen-Targeted Site-Directed Antibody-Conjugated Apoferritin Nanovehicle Favorably Influences In Vivo Side Effects of Doxorubicin. <i>Scientific Reports</i> , 2018, 8, 8867.	3.3	31
25	Comparative gene expression profiling of human metallothionein-3 up-regulation in neuroblastoma cells and its impact on susceptibility to cisplatin. <i>Oncotarget</i> , 2018, 9, 4427-4439.	1.8	9
26	The capacity and effectiveness of diosmectite and charcoal in trapping the compounds causing the most frequent intoxications in acute medicine: A comparative study. <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 214-220.	4.0	6
27	Susceptibility of airways to <i>Pseudomonas aeruginosa</i> infection: mouse neuraminidase model. <i>Monatshefte für Chemie</i> , 2017, 148, 1993-2002.	1.8	3
28	DNA interaction with platinum-based cytostatics revealed by DNA sequencing. <i>Analytical Biochemistry</i> , 2017, 539, 22-28.	2.4	4
29	VPA does not enhance platinum binding to DNA in cisplatin-resistant neuroblastoma cancer cells. <i>Tumor Biology</i> , 2017, 39, 101042831771165.	1.8	0
30	Modulation of xenobiotic conjugation enzymes by dihydromyricetin in rats. <i>Monatshefte für Chemie</i> , 2017, 148, 2003-2009.	1.8	1
31	Cytochrome b 5 plays a dual role in the reaction cycle of cytochrome P450 3A4 during oxidation of the anticancer drug ellipticine. <i>Monatshefte für Chemie</i> , 2017, 148, 1983-1991.	1.8	15
32	Comparison of human cytochrome P450 1A1-catalysed oxidation of benzo[a]pyrene in prokaryotic and eukaryotic expression systems. <i>Monatshefte für Chemie</i> , 2017, 148, 1959-1969.	1.8	10
33	Comparison of the oxidation of carcinogenic aristolochic acid I and II by microsomal cytochromes P450 in vitro: experimental and theoretical approaches. <i>Monatshefte für Chemie</i> , 2017, 148, 1971-1981.	1.8	14
34	Impact of genetic modulation of SULT1A enzymes on DNA adduct formation by aristolochic acids and 3-nitrobenzanthrone. <i>Archives of Toxicology</i> , 2017, 91, 1957-1975.	4.2	22
35	DNA Adducts Formed by Aristolochic Acid Are Unique Biomarkers of Exposure and Explain the Initiation Phase of Upper Urothelial Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2144.	4.1	67
36	Histone Deacetylase Inhibitors as Anticancer Drugs. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1414.	4.1	890

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37	Apo ferritin as an ubiquitous nanocarrier with excellent shelf life. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2265-2278.	6.7	34
38	Active Site Mutations as a Suitable Tool Contributing to Explain a Mechanism of Aristolochic Acid I Nitroreduction by Cytochromes P450 1A1, 1A2 and 1B1. <i>International Journal of Molecular Sciences</i> , 2016, 17, 213.	4.1	15
39	Fluorescence Characterization of Gold Modified Liposomes with Antisense N-myc DNA Bound to the Magnetisable Particles with Encapsulated Anticancer Drugs (Doxorubicin, Ellipticine and Etoposide). <i>Sensors</i> , 2016, 16, 290.	3.8	12
40	Relation of exposure to amino acids involved in sarcosine metabolic pathway on behavior of non-tumor and malignant prostatic cell lines. <i>Prostate</i> , 2016, 76, 679-690.	2.3	16
41	Fully automated two-step assay for detection of metallothionein through magnetic isolation using functionalized ^{57}Fe -Fe ₂ O ₃ particles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1039, 17-27.	2.3	6
42	Heterologous expression of human cytochrome P450 2S1 in <i>Escherichia coli</i> and investigation of its role in metabolism of benzo[a]pyrene and ellipticine. <i>Monatshefte für Chemie</i> , 2016, 147, 881-888.	1.8	4
43	Site-Directed Conjugation of Antibodies to Apo ferritin Nanocarrier for Targeted Drug Delivery to Prostate Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14430-14441.	8.0	61
44	Evaluation of anti-PAIIL lectin hen yolk antibody as an agent inhibiting <i>Pseudomonas aeruginosa</i> adherence to epithelial cells. <i>Monatshefte für Chemie</i> , 2016, 147, 889-896.	1.8	1
45	The impact of individual cytochrome P450 enzymes on oxidative metabolism of benzo[a]pyrene in human livers. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 229-235.	2.2	56
46	Balkan endemic nephropathy: an update on its aetiology. <i>Archives of Toxicology</i> , 2016, 90, 2595-2615.	4.2	97
47	Zinc and zinc-containing biomolecules in childhood brain tumors. <i>Journal of Molecular Medicine</i> , 2016, 94, 1199-1215.	3.9	15
48	NADH:Cytochrome b ₅ Reductase and Cytochrome b ₅ Can Act as Sole Electron Donors to Human Cytochrome P450 1A1-Mediated Oxidation and DNA Adduct Formation by Benzo[a]pyrene. <i>Chemical Research in Toxicology</i> , 2016, 29, 1325-1334.	3.3	31
49	Prostate tumor attenuation in the nu/nu murine model due to anti-sarcosine antibodies in folate-targeted liposomes. <i>Scientific Reports</i> , 2016, 6, 33379.	3.3	23
50	NADPH- and NADH-dependent metabolism of and DNA adduct formation by benzo[a]pyrene catalyzed with rat hepatic microsomes and cytochrome P450 1A1. <i>Monatshefte für Chemie</i> , 2016, 147, 847-855.	1.8	12
51	The impact of p53 on DNA damage and metabolic activation of the environmental carcinogen benzo[a]pyrene: effects in Trp53(+/+), Trp53(+/-) and Trp53(-/-) mice. <i>Archives of Toxicology</i> , 2016, 90, 839-851.	4.2	36
52	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). <i>Monatshefte für Chemie</i> , 2016, 147, 897-904.	1.8	3
53	Induction of cytochromes P450 1A1 and 1A2 suppresses formation of DNA adducts by carcinogenic aristolochic acid I in rats in vivo. <i>Toxicology</i> , 2016, 344-346, 7-18.	4.2	22
54	Electrochemical sensing of etoposide using carbon quantum dot modified glassy carbon electrode. <i>Analyst</i> , 2016, 141, 2665-2675.	3.5	57

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55	Sarcosine Up-Regulates Expression of Genes Involved in Cell Cycle Progression of Metastatic Models of Prostate Cancer. <i>PLoS ONE</i> , 2016, 11, e0165830.	2.5	41
56	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
57	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
58	Exposure of rats to exogenous endocrine disruptors 17alpha-ethinylestradiol and benzo(a)pyrene and an estrogenic hormone estradiol induces expression of cytochromes P450 involved in their metabolism. <i>Neuroendocrinology Letters</i> , 2016, 37, 84-94.	0.2	4
59	Effectiveness of human cytochrome P450 3A4 present in liposomal and microsomal nanoparticles in formation of covalent DNA adducts by ellipticine. <i>Neuroendocrinology Letters</i> , 2016, 37, 95-102.	0.2	1
60	A role of cytochromes P450 in 17 alpha-ethinylestradiol metabolism in rat and <i>Pleurotus ostreatus</i> . <i>Toxicology Letters</i> , 2015, 238, S100.	0.8	0
61	Doxorubicin interactions with bovine serum albumin revealed by microdialysis with on-line laser-induced fluorescence detection at subpicogram level. <i>Electrophoresis</i> , 2015, 36, 1282-1288.	2.4	4
62	A Mechanism of O-Demethylation of Aristolochic Acid I by Cytochromes P450 and Their Contributions to This Reaction in Human and Rat Livers: Experimental and Theoretical Approaches. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27561-27575.	4.1	32
63	Pulmonary Inflammation Impacts on CYP1A1-Mediated Respiratory Tract DNA Damage Induced by the Carcinogenic Air Pollutant Benzo(a)pyrene. <i>Toxicological Sciences</i> , 2015, 146, 213-225.	3.1	68
64	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
65	The synergistic effects of DNA-damaging drugs cisplatin and etoposide with a histone deacetylase inhibitor valproate in high-risk neuroblastoma cells. <i>International Journal of Oncology</i> , 2015, 47, 343-352.	3.3	41
66	The influence of ochratoxin A on DNA adduct formation by the carcinogen aristolochic acid in rats. <i>Archives of Toxicology</i> , 2015, 89, 2141-2158.	4.2	22
67	Biotransformation of xenobiotics in the human colon and rectum and its association with colorectal cancer. <i>Drug Metabolism Reviews</i> , 2015, 47, 199-221.	3.6	35
68	The Hepatic Reductase Null (HRN ^{Δ,ϕ}) and Reductase Conditional Null (RCN) mouse models as suitable tools to study metabolism, toxicity and carcinogenicity of environmental pollutants. <i>Toxicology Research</i> , 2015, 4, 548-562.	2.1	13
69	Photo-initiated crosslinking extends mapping of the protein-protein interface to membrane-embedded portions of cytochromes P450 2B4 and b5. <i>Methods</i> , 2015, 89, 128-137.	3.8	9
70	Fluorescent Cellular Assay for Screening Agents Inhibiting <i>Pseudomonas aeruginosa</i> Adherence. <i>Sensors</i> , 2015, 15, 1945-1953.	3.8	5
71	The Anticancer Drug Ellipticine Activated with Cytochrome P450 Mediates DNA Damage Determining Its Pharmacological Efficiencies: Studies with Rats, Hepatic Cytochrome P450 Reductase Null (HRN ^{Δ,ϕ}) Mice and Pure Enzymes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 284-306.	4.1	24
72	Mycotoxin ochratoxin A decreases cytochrome P450-mediated detoxication of carcinogenic aristolochic acid thereby increases its genotoxic potential in rats in vivo. <i>Toxicology Letters</i> , 2015, 238, S237.	0.8	0

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73	Chicken immunoglobulins for prophylaxis: Effect of inhaled antibodies on inflammatory parameters in rat airways. <i>Journal of Applied Biomedicine</i> , 2015, 13, 19-22.	1.7	4
74	Aerobic biodegradation of dinitrophenols and their mixture in continuous operations by an immobilized mixed microbial community. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 287-291.	4.1	5
75	Enzymes Oxidizing the Azo Dye 1-Phenylazo-2-Naphthol (Sudan I) and their Contribution to its Genotoxicity and Carcinogenicity. <i>Current Drug Metabolism</i> , 2015, 15, 829-840.	1.2	11
76	A study on 17alpha-ethinylestradiol metabolism in rat and <i>Pleurotus ostreatus</i> . <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 5-12.	0.2	1
77	Cytotoxicity of and DNA adduct formation by ellipticine and its micellar form in human leukemia cells in vitro. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 22-8.	0.2	0
78	Ferrous and ferric state of cytochromes P450 in intact <i>Escherichia coli</i> cells: a possible role of cytochrome P450-flavodoxin interactions. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 29-37.	0.2	1
79	Preparation and application of anti-peptide antibodies for detection of orphan cytochromes P450. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 38-45.	0.2	1
80	Role of dihydromyricetin in cytochrome P450-mediated metabolism and carcinogen activation. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 46-52.	0.2	3
81	The effects of heavy metal ions, phthalates and ochratoxin A on oxidation of carcinogenic aristolochic acid I causing Balkan endemic nephropathy. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 13-21.	0.2	1
82	Knockout and humanized mice as suitable tools to identify enzymes metabolizing the human carcinogen aristolochic acid. <i>Xenobiotica</i> , 2014, 44, 135-145.	1.1	26
83	Modulation of Induced Cytotoxicity of Doxorubicin by Using Apoferritin and Liposomal Cages. <i>International Journal of Molecular Sciences</i> , 2014, 15, 22960-22977.	4.1	23
84	The Application of an Emerging Technique for Protein-Protein Interaction Interface Mapping: The Combination of Photo-Initiated Cross-Linking Protein Nanoprobes with Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9224-9241.	4.1	8
85	Mechanisms of Enzyme-Catalyzed Reduction of Two Carcinogenic Nitro-Aromatics, 3-Nitrobenzanthrone and Aristolochic Acid I: Experimental and Theoretical Approaches. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10271-10295.	4.1	34
86	Formation of DNA Adducts by Ellipticine and Its Micellar Form in Rats – A Comparative Study. <i>Sensors</i> , 2014, 14, 22982-22997.	3.8	5
87	The influence of dicoumarol on the bioactivation of the carcinogen aristolochic acid I in rats. <i>Mutagenesis</i> , 2014, 29, 189-200.	2.6	16
88	Exceptionally long-term persistence of DNA adducts formed by carcinogenic aristolochic acid I in renal tissue from patients with aristolochic acid nephropathy. <i>International Journal of Cancer</i> , 2014, 135, 502-507.	5.1	80
89	Histone deacetylase inhibitors in cancer therapy. A review. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 161-169.	0.6	53
90	Pressure effects reveal that changes in the redox states of the heme iron complexes in the sensor domains of two heme-based oxygen sensor proteins, <i>DOS</i> and <i>YddV</i> , have profound effects on their flexibility. <i>FEBS Journal</i> , 2014, 281, 5208-5219.	4.7	7

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91	Biodegradation of nitroglycerin and ethylene glycol dinitrate by free and immobilized mixed cultures. <i>Water Research</i> , 2014, 48, 529-537.	11.3	14
92	Doxorubicin Encapsulation Investigated by Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Chromatographia</i> , 2014, 77, 1469-1476.	1.3	11
93	Role of rat cytochromes P450 in the oxidation of 17 β -ethinylestradiol. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 852-860.	4.0	2
94	Flexible Docking-Based Molecular Dynamics/Steered Molecular Dynamics Calculations of Protein-Protein Contacts in a Complex of Cytochrome P450 1A2 with Cytochrome c. <i>Biochemistry</i> , 2014, 53, 6695-6705.	2.5	17
95	Introduction of water into the heme distal side by Leu65 mutations of an oxygen sensor, YddV, generates verdoheme and carbon monoxide, exerting the heme oxygenase reaction. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 29-38.	3.5	11
96	The effect of aristolochic acid I on expression of NAD(P)H:quinone oxidoreductase in mice and rats: A comparative study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 768, 1-7.	1.7	18
97	Cytochrome b5 and epoxide hydrolase contribute to benzo[a]pyrene-DNA adduct formation catalyzed by cytochrome P450 1A1 under low NADPH:P450 oxidoreductase conditions. <i>Toxicology</i> , 2014, 318, 1-12.	4.2	41
98	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
99	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
100	Ellipticines as DNA-Targeted Chemotherapeutics. <i>Current Medicinal Chemistry</i> , 2014, 21, 575-591.	2.4	48
101	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
102	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, 105-113.	0.2	9
103	Pollutant interactions during the biodegradation of phenolic mixtures with either 2- or 3-mononitrophenol in a continuously operated packed bed reactor. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1609-1618.	1.7	3
104	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
105	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
106	Induced Expression of Cytochrome P450 1A and NAD(P)H:Quinone Oxidoreductase Determined at mRNA, Protein, and Enzyme Activity Levels in Rats Exposed to the Carcinogenic Azo Dye 1-Phenylazo-2-naphthol (Sudan I). <i>Chemical Research in Toxicology</i> , 2013, 26, 290-299.	3.3	23
107	A Novel Insight into the Cardiotoxicity of Antineoplastic Drug Doxorubicin. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21629-21646.	4.1	29
108	The Role of Metallothionein in Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6044-6066.	4.1	632

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109	Biodegradation of a mixture of mononitrophenols in a packed-bed aerobic reactor. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 989-999.	1.7	8
110	The Epidemiology, Diagnosis, and Management of Aristolochic Acid Nephropathy. Annals of Internal Medicine, 2013, 158, 469.	3.9	142
111	Sarcosine as a Potential Prostate Cancer Biomarker—A Review. International Journal of Molecular Sciences, 2013, 14, 13893-13908.	4.1	93
112	32P-Postlabeling Analysis of DNA Adducts. Methods in Molecular Biology, 2013, 1044, 389-401.	0.9	19
113	Enzymes Metabolizing Aristolochic Acid and their Contribution to the Development of Aristolochic Acid Nephropathy and Urothelial Cancer. Current Drug Metabolism, 2013, 14, 695-705.	1.2	48
114	The effect of benzo[a]pyrene on metabolic activation of anticancer drug ellipticine in mice. Neuroendocrinology Letters, 2013, 34 Suppl 2, 43-54.	0.2	2
115	Oxidation of carcinogenic benzo[a]pyrene by human and rat cytochrome P450 1A1 and its influencing by cytochrome b5 - a comparative study. Neuroendocrinology Letters, 2013, 34 Suppl 2, 55-63.	0.2	11
116	Alcoholic liver cirrhosis increases the risk of left ventricular diastolic dysfunction. Neuroendocrinology Letters, 2013, 34 Suppl 2, 64-70.	0.2	0
117	Formation, Persistence, and Identification of DNA Adducts Formed by the Carcinogenic Environmental Pollutant o-Anisidine in Rats. Toxicological Sciences, 2012, 127, 348-359.	3.1	14
118	Bioactivation versus Detoxication of the Urothelial Carcinogen Aristolochic Acid I by Human Cytochrome P450 1A1 and 1A2. Toxicological Sciences, 2012, 125, 345-358.	3.1	57
119	The Synergistic Effects of DNA-Targeted Chemotherapeutics and Histone Deacetylase Inhibitors As Therapeutic Strategies for Cancer Treatment. Current Medicinal Chemistry, 2012, 19, 4218-4238.	2.4	60
120	Cytochrome <i>b5</i> Increases Cytochrome P450 3A4-Mediated Activation of Anticancer Drug Ellipticine to 13-Hydroxyellipticine Whose Covalent Binding to DNA Is Elevated by Sulfotransferases and <i>N</i> -, <i>O</i> -Acetyltransferases. Chemical Research in Toxicology, 2012, 25, 1075-1085.	3.3	34
121	Modern Micro and Nanoparticle-Based Imaging Techniques. Sensors, 2012, 12, 14792-14820.	3.8	66
122	Automated assay of the potency of natural antioxidants using pipetting robot and spectrophotometry. Journal of Applied Biomedicine, 2012, 10, 155-167.	1.7	20
123	Exposure to benzo[a]pyrene of Hepatic Cytochrome P450 Reductase Null (HRN) and P450 Reductase Conditional Null (RCN) mice: Detection of benzo[a]pyrene diol epoxide-DNA adducts by immunohistochemistry and 32P-postlabelling. Toxicology Letters, 2012, 213, 160-166.	0.8	31
124	Metallothioneins and zinc in cancer diagnosis and therapy. Drug Metabolism Reviews, 2012, 44, 287-301.	3.6	77
125	Mammalian metallothioneins: properties and functions. Metallomics, 2012, 4, 739.	2.4	212
126	Ellipticine oxidation and DNA adduct formation in human hepatocytes is catalyzed by human cytochromes P450 and enhanced by cytochrome b5. Toxicology, 2012, 302, 233-241.	4.2	37

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127	NAD(P)H:quinone oxidoreductase expression in Cyp1a-knockout and CYP1A-humanized mouse lines and its effect on bioactivation of the carcinogen aristolochic acid I. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 360-367.	2.8	24
128	Neuroblastoma stem cells – mechanisms of chemoresistance and histone deacetylase inhibitors. <i>Neoplasma</i> , 2012, 59, 737-746.	1.6	21
129	Study of DNA-ellipticine interaction by capillary electrophoresis with laser-induced fluorescence detection. <i>Electrophoresis</i> , 2012, 33, 1545-1549.	2.4	15
130	Anthracyclines and ellipticines as DNA-damaging anticancer drugs: Recent advances. , 2012, 133, 26-39.		125
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288	Formation and ³² P-postlabeling of DNA and tRNA adducts derived from peroxidative activation of carcinogenic azo dye N,N-dimethyl-4-aminoazobenzene. <i>Carcinogenesis</i> , 1992, 13, 1657-1662.	2.8	11

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