

Jian Yin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

558
citations

623734

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642732

23
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29
all docs

29
docs citations

29
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive Detection of MicroRNA through Rolling Circle Amplification on a DNA Tetrahedron Decorated Electrode. <i>Bioconjugate Chemistry</i> , 2015, 26, 602-607.	3.6	110
2	Altered Gene expression of ABC transporters, nuclear receptors and oxidative stress signaling in zebrafish embryos exposed to CdTe quantum dots. <i>Environmental Pollution</i> , 2019, 244, 588-599.	7.5	39
3	Cadmium chloride-induced transgenerational neurotoxicity in zebrafish development. <i>Environmental Toxicology and Pharmacology</i> , 2021, 81, 103545.	4.0	36
4	Differential methotrexate hepatotoxicity on rat hepatocytes in 2-D monolayer culture and 3-D gel entrapment culture. <i>Chemico-Biological Interactions</i> , 2009, 180, 368-375.	4.0	30
5	Peptide-based electrochemical approach for apoptosis evaluation. <i>Biosensors and Bioelectronics</i> , 2014, 62, 97-101.	10.1	29
6	ABC transporters affect the elimination and toxicity of CdTe quantum dots in liver and kidney cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 303, 11-20.	2.8	29
7	The use of mrp1-deficient (<i>Danio rerio</i>) zebrafish embryos to investigate the role of Mrp1 in the toxicity of cadmium chloride and benzo[a]pyrene. <i>Aquatic Toxicology</i> , 2017, 186, 123-133.	4.0	28
8	Identification of glutathione by voltammetric analysis with rolling circle amplification. <i>Analytica Chimica Acta</i> , 2016, 943, 58-63.	5.4	25
9	Hyperactivity, Memory Defects, and Craniofacial Abnormalities in Zebrafish <i>fmr1</i> Mutant Larvae. <i>Behavior Genetics</i> , 2020, 50, 152-160.	2.1	21
10	Pxr- and Nrf2- mediated induction of ABC transporters by heavy metal ions in zebrafish embryos. <i>Environmental Pollution</i> , 2019, 255, 113329.	7.5	19
11	Effects of glycyrrhizic acid on cocklebur-induced hepatotoxicity in rat and human hepatocytes. <i>Phytotherapy Research</i> , 2008, 22, 395-400.	5.8	18
12	Continuous in situ portable SERS analysis of pollutants in water and air by a highly sensitive gold nanoparticle-decorated PVDF substrate. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5469-5482.	3.7	17
13	Ultrasensitive SERS Analysis of Liquid and Gaseous Putrescine and Cadaverine by a 3D-Rosettelike Nanostructure-Decorated Flexible Porous Substrate. <i>Analytical Chemistry</i> , 2022, 94, 5273-5283.	6.5	17
14	Apoptosis Evaluation by Electrochemical Techniques. <i>Chemistry - an Asian Journal</i> , 2016, 11, 632-641.	3.3	16
15	MicroRNA-mediated suppression of P-glycoprotein by quantum dots in lung cancer cells. <i>Journal of Applied Toxicology</i> , 2020, 40, 525-534.	2.8	15
16	Current Understanding of Interactions between Nanoparticles and ABC Transporters in Cancer Cells. <i>Current Medicinal Chemistry</i> , 2019, 25, 5930-5944.	2.4	15
17	Functional expressions of adenosine triphosphate-binding cassette transporters during the development of zebrafish embryos and their effects on the detoxification of cadmium chloride and 1-naphthoflavone. <i>Journal of Applied Toxicology</i> , 2016, 36, 925-935.	2.8	14
18	A hyaluronic acid fluorescent hydrogel based on fluorescence resonance energy transfer for sensitive detection of hyaluronidase. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1915-1923.	3.7	14

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19	Utilizing hyaluronic acid as a versatile platform for fluorescence resonance energy transfer-based glucose sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2413-2421.	3.7	12
20	Involvement of ABC transporters in the detoxification of non-substrate nanoparticles in lung and cervical cancer cells. <i>Toxicology</i> , 2021, 455, 152762.	4.2	12
21	Self-protective transcriptional alterations in ZF4 cells exposed to Pb(NO ₃) ₂ and AgNO ₃ . <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22408.	3.0	11
22	Detection of glioma by surface-enhanced Raman scattering spectra with optimized mathematical methods. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1130-1140.	2.5	10
23	Oxidative stress-mediated up-regulation of ABC transporters in lung cancer cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23095.	3.0	8
24	Auto-inhibition of verapamil metabolism in rat hepatocytes of gel entrapment culture. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 328-333.	5.6	4
25	Development of a highly sensitive digital PCR assay to quantify long non-coding RNA MYU in urine samples which exhibited great potential as an alternative diagnostic biomarker for prostate cancer. <i>Translational Andrology and Urology</i> , 2021, 10, 3815-3825.	1.4	4
26	Use of primary rat hepatocytes in the gel entrapment culture to predict <i>in vivo</i> biliary excretion. <i>Xenobiotica</i> , 2012, 42, 417-428.	1.1	3
27	Long-term stability of a sulfhydryl-Au modification reagent in the biological detection at room temperature. <i>Analytical Methods</i> , 2021, 13, 3386-3393.	2.7	0