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A highly water-soluble disulfonated tetrazolium salt as a chromogenic indicator for NADH as well as cell viability

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#	Paper	IF	Citations
556	Reversible Photocontrolled Nanopore Assembly.		
555	Alkylamine-Substituted Perthiocarbamates: Dual Precursors to Hydropersulfide and Carbonyl Sulfide with Cardioprotective Actions.		
554	Hepatogenic Supported Differentiation of Mesenchymal Stem Cells in a Lactobionic Acid-Conjugated Thermogel.		
553	A Smart Fluorescent Probe for NO Detection and Application in Myocardial Fibrosis Imaging.		
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199	Cytotoxicity and Pro-/Anti-inflammatory Properties of Cinnamates, Acrylates and Methacrylates Against RAW264.7 Cells. <b>2018</b> , 32, 1309-1322		13
198	Da-Bu-Yin-Wan Improves the Ameliorative Effect of DJ-1 on Mitochondrial Dysfunction Through Augmenting the Akt Phosphorylation in a Cellular Model of Parkinson's Disease. <b>2018</b> , 9, 1206		8

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195	Water-soluble, lignin-derived carbon dots with high fluorescent emissions and their applications in bioimaging. <b>2018</b> , 66, 387-395	31
194	In vitro assessment of hepatotoxicity by metabolomics: a review. <b>2018</b> , 92, 3007-3029	26
193	Costimulation of Murine Osteoblasts with Interferon- and Tumor Necrosis Factor- Induces Apoptosis through Downregulation of Bcl-2 and Release of Cytochrome from Mitochondria. <b>2018</b> , 2018, 3979606	16
192	Effects of NVP-BEZ235, a dual phosphatidylinositol 3-kinase/mammalian target of rapamycin inhibitor, on HTLV-1-infected T-cell lines. <b>2018</b> , 15, 5311-5317	6
191	Human cytomegalovirus glycoprotein B inhibits migration of breast cancer MDA-MB-231 cells and impairs TGF- $\beta$ /Smad2/3 expression. <b>2018</b> , 15, 7730-7738	8
190	Environmental and Safety Issues With Nanoparticles. <b>2018</b> , 365-395	1
189	A designer membrane tool-box with a mixed metal organic framework and RAFT-synthesized antibacterial polymer perform in tandem towards desalination, antifouling and heavy metal exclusion. <b>2018</b> , 6, 16664-16679	31
188	Bioluminescent Probe for Detection of Starvation-Induced Pantetheinase Upregulation. <b>2018</b> , 90, 9545-9550	13
187	Design and Synthesis of Pyrophosphate-Targeting Vancomycin Derivatives for Combating Vancomycin-Resistant Enterococci. <b>2018</b> , 13, 1644-1657	7
186	The reaction of hydrogen sulfide with disulfides: formation of a stable trisulfide and implications for biological systems. <b>2019</b> , 176, 671-683	45
185	Sulfite protects neurons from oxidative stress. <b>2019</b> , 176, 571-582	23
184	Nanoplasmonic sensing of NADH by inhibiting the oxidative etching of gold nanorods. <b>2019</b> , 299, 126982	9
183	Survivin is a prognostic indicator in glioblastoma and may be a target of microRNA-218. <b>2019</b> , 18, 359-367	13
182	Matrix metalloproteinase 1 promotes tumorigenesis and inhibits the sensitivity to 5-fluorouracil of nasopharyngeal carcinoma. <b>2019</b> , 118, 109120	11
181	Adhesion and Proliferation of Osteoblastic Cells on Hydroxyapatite-dispersed Ti-based Composite Plate. <b>2019</b> , 33, 1067-1079	3
180	Fluorescent Probes for the Visualization of Cell Viability. <b>2019</b> , 52, 2147-2157	93

179	Phorbol 12-myristate 13-acetate (PMA) suppresses high Ca-enhanced adipogenesis in bone marrow stromal cells. <b>2019</b> , 69, 741-748		2
178	Synthetic and Biological Studies of Juglorubin and Related Naphthoquinones. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13957-13966	4.2	3
177	Extract of strain 06CC2 induces JNK/p38 MAPK pathway-mediated apoptosis through endoplasmic reticulum stress in Caco2 colorectal cancer cells. <b>2019</b> , 20, 100691		5
176	Species differences in micronucleus induction of the clastogenic compounds associated with drug metabolic profile. <b>2019</b> , 44, 701-709		4
175	Biochemical and cellular activity of chemically synthesized elastase inhibitor (S-AFUEI) from <i>Aspergillus fumigatus</i> . <b>2019</b> , 29, 345-351		0
174	PLGA Nanoparticles Codelivering siRNAs against Programmed Cell Death Protein-1 and Its Ligand Gene for Suppression of Colon Tumor Growth. <b>2019</b> , 16, 4940-4953		19
173	IL-8 induces transdifferentiation of mature hepatocytes toward the cholangiocyte phenotype. <b>2019</b> , 9, 2105-2116		6
172	Glycocluster Tetrahydroxamic Acids Exhibiting Unprecedented Inhibition of Biofilms. <b>2019</b> , 62, 7722-7738		10
171	The fatty acid derivative palmitoylecarnitine abrogates colorectal cancer cell survival by depleting glutathione. <b>2019</b> , 317, C1278-C1288		2
170	Bongkrekic acid facilitates glycolysis in cultured cells and induces cell death under low glucose conditions. <b>2019</b> , 20, 100683		5
169	Lysosomotropic-related limitations of the BALB/c 3T3 cell-based neutral red uptake assay and an alternative testing approach for assessing e-liquid cytotoxicity. <b>2019</b> , 61, 104647		11
168	Repeated exposure of cocaine alters mitochondrial dynamics in mouse neuroblastoma Neuro2a. <b>2019</b> , 75, 70-77		7
167	Protective effects of Clec11a in islets against lipotoxicity via modulation of proliferation and lipid metabolism in mice. <b>2019</b> , 384, 111613		2
166	The Uptake and Release of Polysulfur Cysteine Species by Cells: Physiological and Toxicological Implications. <b>2019</b> , 32, 447-455		16
165	Design, synthesis, and evaluation of a water soluble C5-monoketone type curcumin analogue as a potent amyloid $\beta$ aggregation inhibitor. <b>2019</b> , 29, 2157-2161		14
164	Effect of Gallic acid in potentiating chemotherapeutic effect of Paclitaxel in HeLa cervical cancer cells. <b>2019</b> , 19, 154		29
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156	Protein kinase C-mediated insulin receptor phosphorylation in diabetic rat retina. <b>2019</b> , 257, 1427-1434	4
155	Antibiotic Discovery with Synthetic Fermentation: Library Assembly, Phenotypic Screening, and Mechanism of Action of $\alpha$ -Peptides Targeting Penicillin-Binding Proteins. <b>2019</b> , 14, 1030-1040	11
154	Stromal cell-derived factor-1 accelerates bone regeneration through multiple regenerative mechanisms. <b>2019</b> , 31, 245-250	2
153	Synthesis, antibacterial and cytotoxic evaluation of flavipucine and its derivatives. <b>2019</b> , 29, 1390-1394	13
152	Cytotoxicity and Pro-inflammatory Properties of Aliphatic Alpha, Beta-unsaturated Acid and Ester Monomers in RAW264.7 Cells and Their Chemical Reactivity. <b>2019</b> , 33, 313-323	5
151	Mutagenic Activity of N-Nitrosodiethylamine in Cell Lines Expressing Human CYP2E1-Adequacy of Dimethylsulfoxide as Solvent. <b>2019</b> , 60, 214-226	3
150	Cytotoxic effects to mouse and human gingival fibroblasts of a nanohybrid ormocer versus dimethacrylate-based composites. <b>2019</b> , 23, 133-139	9
149	Evaluation of cockerel spermatozoa viability and motility by a novel enzyme based cell viability assay. <b>2019</b> , 60, 467-471	4
148	Micronuclei Formation by Promutagens in Metabolism-Incompetent V79 Cells Interacting With Activation-Proficient Cells in Various Experimental Settings. <b>2020</b> , 61, 224-234	4
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144	Human CYP1B1-dependent genotoxicity of dioxin-like polychlorinated biphenyls in mammalian cells. <i>Toxicology</i> , <b>2020</b> , 429, 152329	4.4 7



143	Conversion of cationic amphiphilic lytic peptides to cell-penetration peptides. <b>2020</b> , 112, e24144	10
142	Synthesis and Cytotoxic Evaluation of -Alkyl-2-halophenazin-1-ones. <b>2020</b> , 5, 27667-27674	4
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140	Perfluorooctanoic acid (PFOA) inhibits the gap junction intercellular communication and induces apoptosis in human ovarian granulosa cells. <b>2020</b> , 98, 125-133	4
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138	Biocompatible and self-recoverable succinoglycan dialdehyde-crosslinked alginate hydrogels for pH-controlled drug delivery. <i>Carbohydrate Polymers</i> , <b>2020</b> , 250, 116934	10.3 16
137	Synthesis and Biological Evaluation of Analogues of Butyrolactone I as PTP1B Inhibitors. <b>2020</b> , 18,	3
136	Bu-Yin-Qian-Zheng Formula Ameliorates MPP-Induced Mitochondrial Dysfunction in Parkinson Disease via Parkin. <b>2020</b> , 11, 577017	2
135	Tetrazolium Salt WST-8 as a Novel and Reliable Chromogenic Indicator for the Assessment of Boar Semen Quality. <b>2020</b> , 10,	2
134	The RNA disruption assay is superior to conventional drug sensitivity assays in detecting cytotoxic drugs. <b>2020</b> , 10, 8671	0
133	An ESIPT-based ratiometric fluorescent probe for the discrimination of live and dead cells. <b>2020</b> , 240, 118588	3
132	MALT-1 as a novel therapeutic target for adult T-cell leukemia. <b>2020</b> , 105, 460-467	5
131	Charge-reversal surfactant antibiotic material for reducing microbial corrosion in petroleum exploitation and transportation. <b>2020</b> , 6, eaba7524	5
130	Optimizing Charge Switching in Membrane Lytic Peptides for Endosomal Release of Biomacromolecules. <b>2020</b> , 132, 20165-20173	4
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127	Environment-sensitive fluorescent inhibitors of histone deacetylase. <b>2020</b> , 30, 127128	4
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124	Respiration and Heat Shock Protein After Short-Term Heating/Stretch-Fixing on Smooth Muscle Cells. <b>2020</b> , 11, 308-315		
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122	Development of Cell-Penetration PG-Surfactants and Its Application in External Peptide Delivery to Cytosol. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 821-833	6.3	1
121	Impairs Sodium Absorption in Colonic Epithelium via ENaC Dysfunction and Claudin-8 Disruption. <b>2020</b> , 21,		8
120	Human CYP2E1-activated mutagenicity of dioxin-like PCBs 105 and 118-Experimental data consistent with molecular docking results. <i>Toxicology</i> , <b>2020</b> , 437, 152438	4.4	4
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118	In Vitro Wound Healing Potential of Flavonoid -Glycosides from Oil Palm ( Jacq.) Leaves on 3T3 Fibroblast Cells. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	11
117	Multiplexed Xe HyperCEST MRI Detection of Genetically Reconstituted Bacterial Protein Nanoparticles in Human Cancer Cells. <b>2020</b> , 2020, 5425934		3
116	Human CYP2E1-dependent mutagenicity of benzene and its hydroxylated metabolites in V79-derived cells: Suppression and enhancement by ethanol pretreatment. <b>2020</b> , 61, 622-634		2
115	Potent aneugenicity of 1-methylpyrene in human cells dependent on metabolic activation by endogenous enzymes. <b>2021</b> , 95, 703-713		3
114	The anti-malaria agent artesunate exhibits cytotoxic effects in primary effusion lymphoma. <b>2021</b> , 39, 111-121		0
113	Synthesis, Photochemical Properties, and Cytotoxicity of 10-Alkylphenazin-2(10H)-ones. <b>2021</b> , 102, 871		1
112	Comparison of 2- and 3-Dimensional Cultured Periodontal Ligament Stem Cells; a Pilot Study. <b>2021</b> , 11, 1083		1
111	Bioactive 3D structures of naturally occurring peptides and their application in drug design. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2021</b> , 85, 24-32	2.1	1
110	Molecular Design of pH-Responsive Helix Peptides That Can Damage Tumor Cells Selectively.. <b>2021</b> , 4, 2442-2452		2
109	Mixed Polyplex Micelles with Thermoresponsive and Lysine-Based Zwitterionic Shells Derived from Two Poly(vinyl amine)-Based Block Copolymers. <i>Langmuir</i> , <b>2021</b> , 37, 3001-3014	4	8
108	The CD36 Ligand-Promoted Autophagy Protects Retinal Pigment Epithelial Cells from Oxidative Stress. <b>2021</b> , 2021, 6691402		1

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105	Use of homoarginine to obtain attenuated cationic membrane lytic peptides. <b>2021</b> , 40, 127925	5
104	Genome of the fatal tapeworm <i>Sparganum proliferum</i> uncovers mechanisms for cryptic life cycle and aberrant larval proliferation. <b>2021</b> , 4, 649	0
103	Enhanced antitumor activity of combined lipid bubble ultrasound and anticancer drugs in gynecological cervical cancers. <b>2021</b> , 112, 2493-2503	5
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101	Development of a novel antioxidant based on a dimeric dihydroisocoumarin derivative. <b>2021</b> , 74, 153176	
100	Metformin leads to accumulation of reactive oxygen species by inhibiting the NFE2L1 expression in human hepatocellular carcinoma cells. <b>2021</b> , 420, 115523	3
99	In Vitro Characterization of Periodontal Ligament Stem Cells Derived from Supernumerary Teeth in Three-Dimensional Culture Method. <b>2021</b> , 11, 6040	
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94	Human CYP enzyme-activated clastogenicity of 2-ethylhexyl diphenyl phosphate (a flame retardant) in mammalian cells. <b>2021</b> , 285, 117527	4
93	Platelet polyphosphate and SARS-Cov-2 mRNA-vaccine-induced inflammatory side effects: a pilot study.	1
92	Inactivation of SARS-CoV-2 by Catechins from Green Tea. <b>2021</b> , 74, 421-423	5
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77	Quercetin-induced apoptosis prevents EBV infection. <b>2015</b> , 6, 12603-24		45
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75	Screening botanical lactic acid bacteria with high-function isolated from product of Nagasaki prefecture for development of novel fermented foods. <b>2012</b> , 23, 5-10		2
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39	image10.jpeg. <b>2020</b> ,		
38	image11.jpeg. <b>2020</b> ,		
37	image2.jpeg. <b>2020</b> ,		
36	image3.tif. <b>2020</b> ,		

35 image4.jpeg. 2020,

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