

Hiroshi Terada

List of Publications by Year in descending order

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24
papers

927
citations

687363

13
h-index

642732

23
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25
all docs

25
docs citations

25
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro permeation of gold nanoparticles through rat skin and rat intestine: Effect of particle size. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 65, 1-10.	5.0	303
2	Silver Ion Induces a Cyclosporine A-Insensitive Permeability Transition in Rat Liver Mitochondria and Release of Apoptogenic Cytochrome c. <i>Journal of Biochemistry</i> , 2003, 134, 43-49.	1.7	105
3	Enhanced transdermal delivery of indomethacin-loaded PLGA nanoparticles by iontophoresis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 706-710.	5.0	83
4	VDAC1, Having a Shorter N-Terminus Than VDAC2 but Showing the Same Migration in an SDS α -Polyacrylamide Gel, Is the Predominant Form Expressed in Mitochondria of Various Tissues. <i>Journal of Proteome Research</i> , 2006, 5, 3336-3344.	3.7	76
5	Enhanced transdermal delivery of indomethacin using combination of PLGA nanoparticles and iontophoresis in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 50-54.	5.0	69
6	Analysis of the structure and function of EMRE in a yeast expression system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 831-839.	1.0	51
7	Permeability transition-independent release of mitochondrial cytochrome c induced by valinomycin. <i>FEBS Journal</i> , 2002, 269, 5224-5230.	0.2	43
8	Differential Permeabilization Effects of Ca ²⁺ and Valinomycin on the Inner and Outer Mitochondrial Membranes as Revealed by Proteomics Analysis of Proteins Released from Mitochondria. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1265-1277.	3.8	33
9	Transdermal delivery of 40-nm silk fibroin nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 564-568.	5.0	33
10	Mastoparan peptide causes mitochondrial permeability transition not by interacting with specific membrane proteins but by interacting with the phospholipid phase. <i>FEBS Journal</i> , 2014, 281, 3933-3944.	4.7	24
11	Surfactant free preparation of PLGA nanoparticles: The combination of antisolvent diffusion with preferential solvation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 457, 88-93.	4.7	18
12	Microbicidal Effects of Stored Aqueous Ozone Solution Generated by Nano-bubble Technology. <i>In Vivo</i> , 2017, 31, 579-583.	1.3	17
13	Multiple effects of DiS-C3(5) on mitochondrial structure and function. <i>FEBS Journal</i> , 2004, 271, 3573-3579.	0.2	15
14	Functional analysis of coiled-coil domains of MCU in mitochondrial calcium uptake. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 148061.	1.0	14
15	S-15176 and its methylated derivative suppress the CsA-insensitive mitochondrial permeability transition and subsequent cytochrome c release induced by silver ion, and show weak protonophoric activity. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 45-51.	3.1	8
16	The Y4-RNA fragment, a potential diagnostic marker, exists in saliva. <i>Non-coding RNA Research</i> , 2017, 2, 122-128.	4.6	8
17	Push-Pull Controlled Drug Release Systems: Effect of Molecular Weight of Polyethylene Oxide on Drug Release. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1896-1902.	3.3	8
18	Application of polymeric nanoparticles prepared by an antisolvent diffusion with preferential solvation for iontophoretic transdermal drug delivery. <i>Colloid and Polymer Science</i> , 2014, 292, 3195-3203.	2.1	6

#	ARTICLE	IF	CITATIONS
19	Mastication Affects Transcriptomes of Mouse Microglia. <i>Anticancer Research</i> , 2020, 40, 4719-4727.	1.1	4
20	Polyphosphoester-based Paclitaxel Complexes: Biological Evaluation. <i>Anticancer Research</i> , 2016, 36, 1613-20.	1.1	4
21	Polyethyleneimine renders mitochondrial membranes permeable by interacting with negatively charged phospholipids in them. <i>Archives of Biochemistry and Biophysics</i> , 2018, 652, 9-17.	3.0	2
22	The 31-nucleotide Y4-RNA fragment in plasma is a potential novel biomarker. <i>Non-coding RNA Research</i> , 2020, 5, 37-40.	4.6	2
23	Identification of amino acid residues of mammalian mitochondrial phosphate carrier important for its functional expression in yeast cells, as achieved by PCR-mediated random mutation and gap-repair cloning. <i>Mitochondrion</i> , 2017, 32, 1-9.	3.4	1
24	Characteristic gene expression profile of nuclear receptor superfamily induced by hepatotoxic and antimetabolic drugs in human primary hepatocytes. <i>Chem-Bio Informatics Journal</i> , 2016, 16, 13-24.	0.3	0