

Zengsheng Han

List of Publications by Year in descending order

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36
papers

1,029
citations

361413

20
h-index

414414

32
g-index

39
all docs

39
docs citations

39
times ranked

1427
citing authors

#	ARTICLE	IF	CITATIONS
1	Antidiabetic and antioxidant effects of oleanolic acid from <i>Ligustrum lucidum</i> Ait in alloxan-induced diabetic rats. <i>Phytotherapy Research</i> , 2009, 23, 1257-1262.	5.8	93
2	Microstructures, mechanical and cytocompatibility of degradable Mg-Zn based orthopedic biomaterials. <i>Materials & Design</i> , 2014, 58, 43-51.	5.1	85
3	Facile solvothermal preparation of Fe ₃ O ₄ -Ag nanocomposite with excellent catalytic performance. <i>RSC Advances</i> , 2019, 9, 878-883.	3.6	64
4	Antidiabetic potential of oleanolic acid from <i>Ligustrum lucidum</i> Ait. This article is one of a selection of papers published in this special issue (part 2 of 2) on the Safety and Efficacy of Natural Health Products.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 1076-1083.	1.4	62
5	Effects of melatonin on follicular atresia and granulosa cell apoptosis in the porcine. <i>Molecular Reproduction and Development</i> , 2016, 83, 692-700.	2.0	56
6	Antitumor and immunomodulating effects of polysaccharides isolated from <i>Solanum nigrum</i> Linne. <i>Phytotherapy Research</i> , 2009, 23, 1524-1530.	5.8	49
7	Melatonin modulates the functions of porcine granulosa cells via its membrane receptor MT2 in vitro. <i>Animal Reproduction Science</i> , 2016, 172, 164-172.	1.5	45
8	Antitumor activity of crude polysaccharides isolated from <i>Solanum nigrum</i> Linne on U14 cervical carcinoma bearing mice. <i>Phytotherapy Research</i> , 2007, 21, 832-840.	5.8	40
9	Protective effects of fraction 1a of polysaccharides isolated from <i>Solanum nigrum</i> Linne on thymus in tumor-bearing mice. <i>Journal of Ethnopharmacology</i> , 2010, 129, 350-356.	4.1	40
10	<i>Rhodiola sacra</i> aqueous extract (RSAE) improves biochemical and sperm characteristics in cryopreserved boar semen. <i>Theriogenology</i> , 2009, 71, 849-857.	2.1	39
11	Degradable magnesium-based implant materials with anti-inflammatory activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1898-1906.	4.0	36
12	Effect of sugars on maturation rate of vitrified-thawed immature porcine oocytes. <i>Animal Reproduction Science</i> , 2008, 106, 25-35.	1.5	34
13	High-level expression of human lactoferrin in the milk of goats by using replication-defective adenoviral vectors. <i>Protein Expression and Purification</i> , 2007, 53, 225-231.	1.3	33
14	Inhibition of tumor growth by recombinant adenovirus containing human lactoferrin through inducing tumor cell apoptosis in mice bearing EMT6 breast cancer. <i>Archives of Pharmacal Research</i> , 2011, 34, 987-995.	6.3	33
15	Hypoglycemic Effects and Mechanisms of Action of <i>Cortex Lycii Radicis</i> on Alloxan-Induced Diabetic Mice. <i>Yakugaku Zasshi</i> , 2007, 127, 1715-1721.	0.2	32
16	Green synthesis of palladium nanoparticles using lentinan for catalytic activity and biological applications. <i>RSC Advances</i> , 2019, 9, 38265-38270.	3.6	31
17	Two-Stage Fermentation for 2-Ketogluconic Acid Production by <i>Klebsiella pneumoniae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 781-787.	2.1	27
18	Antitumor Activity of the Procyanidins from <i>Pinus koraiensis</i> Bark on Mice Bearing U14 Cervical Cancer. <i>Yakugaku Zasshi</i> , 2007, 127, 1145-1151.	0.2	25

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19	Production of xylonic acid by <i>Klebsiella pneumoniae</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10055-10063.	3.6	25
20	Growth Suppression Effects of Recombinant Adenovirus Expressing Human Lactoferrin on Cervical Cancer <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 477-483.	1.0	21
21	Antidiabetic potential of <i>Rhodiola sachalinensis</i> root extract in streptozotocin-induced diabetic rats. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2009, 31, 375.	0.8	21
22	Antitumor activity of polysaccharides isolated from <i>Patrinia heterophylla</i> . <i>Pharmaceutical Biology</i> , 2010, 48, 1012-1017.	2.9	16
23	Gluconic acid production by <i>gad</i> mutant of <i>Klebsiella pneumoniae</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 132.	3.6	16
24	Effect of procyanidins from <i>Pinus koraiensis</i> bark on growth inhibition and expression of PCNA and TNF- α in mice with U14 cervical cancer. <i>Therapy: Open Access in Clinical Medicine</i> , 2007, 4, 685-690.	0.2	15
25	Recombinant human antithrombin expressed in the milk of non-transgenic goats exhibits high efficiency on rat DIC model. <i>Journal of Thrombosis and Thrombolysis</i> , 2009, 28, 449-457.	2.1	13
26	Expression of Recombinant Human Nerve Growth Factor Beta in Milk of Goats by Recombinant Replication-Defective Adenovirus. <i>Applied Biochemistry and Biotechnology</i> , 2009, 157, 357-366.	2.9	13
27	Effects of ovarian cortex cell co-culture during in vitro maturation on porcine oocytes maturation, fertilization and embryo development. <i>Animal Reproduction Science</i> , 2007, 99, 306-316.	1.5	12
28	Recombination adenovirus-mediated human lactoferrin cDNA inhibits the growth of human MCF-7 breast cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 457-463.	2.4	11
29	High-level expression of recombinant human nerve growth factor beta in milk of nontransgenic rabbits. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 327-334.	2.2	9
30	High Level Expression of Recombinant Human Antithrombin in the Mammary Gland of Rabbits by Adenoviral Vectors Infection. <i>Animal Biotechnology</i> , 2012, 23, 89-100.	1.5	8
31	Effect of a Drug Delivery System Made of Quercetin Formulated into PEGylation Liposomes on Cervical Carcinoma <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Nanomaterials</i> , 2021, 2021, 1-12.	2.7	7
32	Study of the extraction, purification and antidiabetic potential of ursolic acid from <i>Cornus officinalis</i> Sieb. et Zucc. <i>Therapy: Open Access in Clinical Medicine</i> , 2008, 5, 697-705.	0.2	5
33	Enhanced Expression of Adenovirus Encoding rhEPO Assisted by BAPTA. <i>Animal Biotechnology</i> , 2010, 21, 164-169.	1.5	4
34	Effects of <i>Lycium barbarum</i> L. root bark extract on alloxan-induced diabetic mice. <i>Therapy: Open Access in Clinical Medicine</i> , 2007, 4, 547-553.	0.2	3
35	Alkaloid from <i>Angelicae dahuricae</i> Inhibits HeLa Cell Growth by Inducing Apoptosis and Increasing Caspase-3 Activity. <i>Laboratory Medicine</i> , 2008, 39, 540-546.	1.2	3
36	The in vitro antimicrobial activity of five Chinese medicinal herb extracts. <i>WIT Transactions on Biomedicine and Health</i> , 2014, , .	0.0	0