

Fangfang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,174
citations

623734

14
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1882
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyapatite composite scaffold for bone regeneration via rapid prototyping technique: a review. <i>Rapid Prototyping Journal</i> , 2022, 28, 585-605.	3.2	5
2	An activity transition from NADH dehydrogenase to NADH oxidase during protein denaturation. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 286-293.	3.1	2
3	<i>In vivo</i> study on the biocompatibility of chitosan-hydroxyapatite film depending on degree of deacetylation. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1637-1645.	4.0	18
4	A Hidden Transhydrogen Activity of a FMN-Bound Diaphorase under Anaerobic Conditions. <i>PLoS ONE</i> , 2016, 11, e0154865.	2.5	10
5	Temporal trends in lipid screening and therapy among youth from 2002 to 2012. <i>Journal of Clinical Lipidology</i> , 2015, 9, S77-S87.	1.5	23
6	Enhancement of primary neuronal cell proliferation using printing-transferred carbon nanotube sheets. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1746-1754.	4.0	14
7	Vertically aligned multi-layered structures to enhance mechanical properties of chitosan-carbon nanotube films. <i>Journal of Materials Science</i> , 2015, 50, 2587-2593.	3.7	3
8	Cultures of Schwann-like cells differentiated from adipose-derived stem cells on PDMS/MWNT sheets as a scaffold for peripheral nerve regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3642-3648.	4.0	9
9	High-yield hydrogen production from biomass by in vitro metabolic engineering: Mixed sugars coutilization and kinetic modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4964-4969.	7.1	200
10	A high-energy-density sugar biobattery based on a synthetic enzymatic pathway. <i>Nature Communications</i> , 2014, 5, 3026.	12.8	232
11	In vitro metabolic engineering of hydrogen production at theoretical yield from sucrose. <i>Metabolic Engineering</i> , 2014, 24, 70-77.	7.0	87
12	Fabrication of large area flexible and highly transparent film by a simple Ag nanowire alignment. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 130-137.	2.4	13
13	Nanotechnology: A New Approach to Improve Orthopedic Implants. , 2012, , 401-443.		0
14	Thermophilic <i>Thermotoga maritima</i> ribose-5-phosphate isomerase RpiB: Optimized heat treatment purification and basic characterization. <i>Protein Expression and Purification</i> , 2012, 82, 302-307.	1.3	30
15	Deep oxidation of glucose in enzymatic fuel cells through a synthetic enzymatic pathway containing a cascade of two thermostable dehydrogenases. <i>Biosensors and Bioelectronics</i> , 2012, 36, 110-115.	10.1	64
16	Biocompatibility of Nanoscale Hydroxyapatite-embedded Chitosan Films. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3950-3956.	1.9	17
17	Various preparation methods of highly porous hydroxyapatite/polymer nanoscale biocomposites for bone regeneration. <i>Acta Biomaterialia</i> , 2011, 7, 3813-3828.	8.3	258
18	Mechanical properties of multilayered chitosan/CNT nanocomposite films. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 6636-6641.	5.6	36

#	ARTICLE	IF	CITATIONS
19	Preparation of multi-layered film of hydroxyapatite and chitosan. <i>Materials Science and Engineering C</i> , 2010, 30, 789-794.	7.3	33
20	Hydroxyapatite coating on damaged tooth surfaces by immersion. <i>Biomedical Materials (Bristol)</i> , 2009, 4, 025017.	3.3	13
21	Preparation of High Flexible Composite Film of Hydroxyapatite and Chitosan. <i>Polymer Bulletin</i> , 2009, 62, 111-118.	3.3	22
22	Immunological and biochemical parameters in carp (<i>Cyprinus carpio</i>) after Qompsell feed ingredients for long-term administration. <i>Aquaculture Research</i> , 2007, 38, 246-255.	1.8	34
23	Administration of a herbal immunoregulation mixture enhances some immune parameters in carp (<i>Cyprinus carpio</i>). <i>Fish Physiology and Biochemistry</i> , 2007, 33, 93-101.	2.3	51