

Li Qiu Xia

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

526
citations

687363

13
h-index

677142

22
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27
all docs

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27
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural interface guiding cell: Directly using waste fish scales with rich micro/nano structures for control of cell behaviors. <i>Applied Surface Science</i> , 2022, 581, 152348.	6.1	8
2	Microwave-Assisted Synthesis of Silver Nanoparticles for Multimode Colorimetric Sensing of Multiplex Metal Ions and Molecular Informatization Applications. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9480-9491.	8.0	14
3	A molecular paradigm: "Plug-and-play" chemical sensing and crypto-steganography based on molecular recognition and selective response. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114260.	10.1	5
4	Microwave-Assisted Synthesis of Chromium Oxide Nanoparticles for Fluorescence Biosensing of Mercury Ions and Molecular Logic Computing. <i>ACS Applied Nano Materials</i> , 2021, 4, 7086-7096.	5.0	8
5	Bacterioferritin: a key iron storage modulator that affects strain growth and butenyl-spinosyn biosynthesis in <i>Saccharopolyspora pogona</i> . <i>Microbial Cell Factories</i> , 2021, 20, 157.	4.0	11
6	Comparative Proteomics Reveals the Effect of the Transcriptional Regulator Sp13016 on Butenyl-Spinosyn Biosynthesis in <i>Saccharopolyspora pogona</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12554-12565.	5.2	6
7	RNA-Seq-Based Transcriptomic Analysis of <i>Saccharopolyspora spinosa</i> Revealed the Critical Function of PEP Phosphonomutase in the Replenishment Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14660-14669.	5.2	5
8	Cry1Ac Protoxin and Its Activated Toxin from <i>Bacillus thuringiensis</i> Act Differentially during the Pathogenic Process. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5816-5824.	5.2	5
9	Effect of the TetR family transcriptional regulator Sp1418 on the global metabolic network of <i>Saccharopolyspora pogona</i> . <i>Microbial Cell Factories</i> , 2020, 19, 27.	4.0	16
10	Deciphering the Metabolic Pathway Difference Between <i>Saccharopolyspora pogona</i> and <i>Saccharopolyspora spinosa</i> by Comparative Proteomics and Metabonomics. <i>Frontiers in Microbiology</i> , 2020, 11, 396.	3.5	14
11	The Boolean logic tree of molecular self-assembly system based on cobalt oxyhydroxide nanoflakes for three-state logic computation, sensing and imaging of pyrophosphate in living cells and in vivo. <i>Analyst</i> , 2019, 144, 274-283.	3.5	4
12	Graphene-Based Steganographically Aptasensing System for Information Computing, Encryption and Hiding, Fluorescence Sensing and in Vivo Imaging of Fish Pathogens. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8904-8914.	8.0	26
13	Matter, energy and information network of a graphene-peptide-based fluorescent sensing system for molecular logic computing, detection and imaging of cancer stem cell marker CD133 in cells and tumor tissues. <i>Analyst</i> , 2019, 144, 1881-1891.	3.5	19
14	Highly Tunable and Scalable Fabrication of 3D Flexible Graphene Micropatterns for Directing Cell Alignment. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17704-17713.	8.0	17
15	The full-length Cry1Ac protoxin without proteolytic activation exhibits toxicity against insect cell line CF-203. <i>Journal of Invertebrate Pathology</i> , 2018, 152, 25-29.	3.2	8
16	Game Theory in Molecular Nanosensing System for Rapid Detection of Hg ²⁺ in Aqueous Solutions. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2530.	2.5	4
17	Directly repurposing waste optical discs with prefabricated nanogrooves as a platform for investigation of cell-substrate interactions and guiding neuronal growth. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 273-281.	6.0	4
18	<i>E. coli</i> Nissle 1917-Derived Minicells for Targeted Delivery of Chemotherapeutic Drug to Hypoxic Regions for Cancer Therapy. <i>Theranostics</i> , 2018, 8, 1690-1705.	10.0	71

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19	Impact on strain growth and butenyl-spinosyn biosynthesis by overexpression of polynucleotide phosphorylase gene in <i>Saccharopolyspora pogona</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8011-8021.	3.6	18
20	Boolean Logic Tree of Label-Free Dual-Signal Electrochemical Aptasensor System for Biosensing, Three-State Logic Computation, and Keypad Lock Security Operation. <i>Analytical Chemistry</i> , 2017, 89, 9734-9741.	6.5	40
21	<i>Escherichia coli</i> Nissle 1917 engineered to express Tum-5 can restrain murine melanoma growth. <i>Oncotarget</i> , 2017, 8, 85772-85782.	1.8	35
22	Proteomic insights into metabolic adaptation to deletion of metE in <i>Saccharopolyspora spinosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8629-8641.	3.6	27
23	Flexibility Analysis of <i>Bacillus thuringiensis</i> Cry1Aa. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 634-41.	0.2	3
24	Differential proteomic profiling reveals regulatory proteins and novel links between primary metabolism and spinosad production in <i>Saccharopolyspora spinosa</i> . <i>Microbial Cell Factories</i> , 2014, 13, 27.	4.0	40
25	Laser Patterning of Epitaxial Graphene for Schottky Junction Photodetectors. <i>ACS Nano</i> , 2011, 5, 5969-5975.	14.6	63
26	Duplication of partial spinosyn biosynthetic gene cluster in <i>Saccharopolyspora spinosa</i> enhances spinosyn production. <i>FEMS Microbiology Letters</i> , 2011, 325, 22-29.	1.8	34
27	Comparative Proteomic Analysis of <i>saccharopolyspora spinosa</i> SPO6081 and PR2 strains reveals the differentially expressed proteins correlated with the increase of spinosad yield. <i>Proteome Science</i> , 2011, 9, 40.	1.7	21