Naglis Malys

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bioproduction of <scp>l</scp> - and <scp>d</scp> -lactic acids: advances and trends in microbial strain application and engineering. Critical Reviews in Biotechnology, 2022, 42, 342-360.	9.0	17
2	A sustainability assessment framework for the high street. Cities, 2022, 124, 103571.	5.6	8
3	Biosensor-informed engineering of Cupriavidus necator H16 for autotrophic D-mannitol production. Metabolic Engineering, 2022, 72, 24-34.	7.0	16
4	Identification and characterization of L- and D-lactate-inducible systems from Escherichia coli MG1655, Cupriavidus necator H16 and Pseudomonas species. Scientific Reports, 2022, 12, 2123.	3.3	8
5	Development and Characterization of Indole-Responsive Whole-Cell Biosensor Based on the Inducible Gene Expression System from Pseudomonas putida KT2440. International Journal of Molecular Sciences, 2022, 23, 4649.	4.1	2
6	Decision support framework to rank and prioritise the potential land areas for comprehensive land consolidation. Land Use Policy, 2021, 100, 104908.	5.6	23
7	Engineering Cupriavidus necator H16 for the autotrophic production of (R)-1,3-butanediol. Metabolic Engineering, 2021, 67, 262-276.	7.0	36
8	The pMTL70000 modular, plasmid vector series for strain engineering in Cupriavidus necator H16. Journal of Microbiological Methods, 2021, 189, 106323.	1.6	10
9	Advances and Prospects of Phenolic Acids Production, Biorefinery and Analysis. Biomolecules, 2020, 10, 874.	4.0	62
10	A genome-wide approach for identification and characterisation of metabolite-inducible systems. Nature Communications, 2020, 11, 1213.	12.8	49
11	Design, cloning and characterization of transcription factor-based inducible gene expression systems. Methods in Enzymology, 2019, 621, 153-169.	1.0	9
12	A Transcription Factor-Based Biosensor for Detection of Itaconic Acid. ACS Synthetic Biology, 2018, 7, 1436-1446.	3.8	51
13	Dispersion of relative importance values contributes to the ranking uncertainty: Sensitivity analysis of Multiple Criteria Decision-Making methods. Applied Soft Computing Journal, 2018, 67, 286-298.	7.2	45
14	13C-assisted metabolic flux analysis to investigate heterotrophic and mixotrophic metabolism in Cupriavidus necator H16. Metabolomics, 2018, 14, 9.	3.0	31
15	Functional Genetic Elements for Controlling Gene Expression in Cupriavidus necator H16. Applied and Environmental Microbiology, 2018, 84, .	3.1	34
16	Characterisation of a 3-hydroxypropionic acid-inducible system from Pseudomonas putida for orthogonal gene expression control in Escherichia coli and Cupriavidus necator. Scientific Reports, 2017, 7, 1724.	3.3	41
17	Translation initiation events on structured eukaryotic mRNAs generate gene expression noise. Nucleic Acids Research, 2017, 45, 6981-6992.	14.5	18
18	Housing Stakeholder Preferences for the "Soft―Features of Sustainable and Healthy Housing Design in the UK. International Journal of Environmental Research and Public Health. 2016, 13, 111	2.6	22

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19	Comparative analysis of MCDM methods for the assessment of sustainable housing affordability. Omega, 2016, 59, 146-156.	5.9	350
20	Symbiotic and antibiotic interactions between gut commensal microbiota and host immune system. Medicina (Lithuania), 2015, 51, 69-75.	2.0	40
21	CLOSE-RANGE PHOTOGRAMMETRY ENABLES DOCUMENTATION OF ENVIRONMENT-INDUCED DEFORMATION OF ARCHITECTURAL HERITAGE. Environmental Engineering and Management Journal, 2015, 14, 1371-1381.	0.6	28
22	A model of yeast glycolysis based on a consistent kinetic characterisation of all its enzymes. FEBS Letters, 2013, 587, 2832-2841.	2.8	113
23	A community-driven global reconstruction of human metabolism. Nature Biotechnology, 2013, 31, 419-425.	17.5	920
24	Partition and Turnover of Glutathione Reductase from Saccharomyces cerevisiae: A Proteomic Approach. Journal of Proteome Research, 2013, 12, 2885-2894.	3.7	85
25	Challenges and Opportunities in Developing Sustainable Communities in the North West of England. Challenges, 2012, 3, 133-152.	1.7	3
26	BROWNFIELD REGENERATION: WATERFRONT SITE DEVELOPMENTS IN LIVERPOOL AND COLOGNE / NAUDOTÅ ² TERITORIJÅ ² ATGAIVINIMAS: KRANTINIÅ ² APLINKOS GERINIMAS LIVERPULYJE IR KELNE / ÐЕГЕÐЕÐÐÐ ¦Ð"Д Ð Environmental Engineering and Landscape Management, 2012, 20, 5-16.	Ð ÐÐ •ЕÐ [°]	Đ ạb ŸĐžĐ>Đ
27	Shine-Dalgarno sequence of bacteriophage T4: GAGG prevails in early genes. Molecular Biology Reports, 2012, 39, 33-39.	2.3	8
28	Characterisation of multiple substrate-specific (d)ITP/(d)XTPase and modelling of deaminated purine nucleotide metabolism. BMB Reports, 2012, 45, 259-264.	2.4	23
29	Towards a Full Quantitative Description of Yeast Metabolism. Methods in Enzymology, 2011, 500, 215-231.	1.0	3
30	Building a Kinetic Model of Trehalose Biosynthesis in Saccharomyces cerevisiae. Methods in Enzymology, 2011, 500, 355-370.	1.0	17
31	What is the true enzyme kinetics in the biological system? An investigation of macromolecular crowding effect upon enzyme kinetics of glucose-6-phosphate dehydrogenase. Biochemical and Biophysical Research Communications, 2011, 405, 388-392.	2.1	73
32	Protein Production in Saccharomyces cerevisiae for Systems Biology Studies. Methods in Enzymology, 2011, 500, 197-212.	1.0	6
33	Translation initiation: variations in the mechanism can be anticipated. Cellular and Molecular Life Sciences, 2011, 68, 991-1003.	5.4	85
34	Absolute Quantification of the Glycolytic Pathway in Yeast:. Molecular and Cellular Proteomics, 2011, 10, M111.007633.	3.8	70
35	Systematic integration of experimental data and models in systems biology. BMC Bioinformatics, 2010, 11, 582.	2.6	28
36	Enzyme kinetics informatics: from instrument to browser. FEBS Journal, 2010, 277, 3769-3779.	4.7	20

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37	COMMERCIAL LEISURE PROPERTY VALUATION: A COMPARISON OF THE CASE STUDIES IN UK AND LITHUANIA. International Journal of Strategic Property Management, 2010, 14, 35-48.	1.8	14
38	URBAN REGENERATION FOR SUSTAINABLE COMMUNITIES: A CASE STUDY. Technological and Economic Development of Economy, 2009, 15, 49-59.	4.6	77
39	High-quality housing—A key issue in delivering sustainable communities. Building and Environment, 2009, 44, 426-430.	6.9	98
40	Non anonical RNA arrangement in T4â€even phages: accommodated ribosome binding site at the gene <i>26â€25</i> intercistronic junction. Molecular Microbiology, 2009, 73, 1115-1127.	2.5	4
41	Chapter 22 Enzyme Kinetics and Computational Modeling for Systems Biology. Methods in Enzymology, 2009, 467, 583-599.	1.0	23
42	Sustainable Communities: Affordable Housing and Socio-economic Relations. Local Economy, 2008, 23, 267-276.	1.4	28
43	Dcs2, a Novel Stress-induced Modulator of m7GpppX Pyrophosphatase Activity that Locates to P Bodies. Journal of Molecular Biology, 2006, 363, 370-382.	4.2	36
44	The 'scavenger' m7GpppX pyrophosphatase activity of Dcs1 modulates nutrient-induced responses in yeast. Nucleic Acids Research, 2004, 32, 3590-3600.	14.5	44
45	elF4E isoform 2 in Schizosaccharomyces pombe is a novel stressâ€response factor. EMBO Reports, 2004, 5, 311-316.	4.5	29
46	A Bipartite Bacteriophage T4 SOC and HOC Randomized Peptide Display Library: Detection and Analysis of Phage T4 Terminase (gp17) and Late σ Factor (gp55) Interaction. Journal of Molecular Biology, 2002, 319, 289-304.	4.2	55
47	Post-transcriptional control of bacteriophage T4 gene 25 expression: mRNA secondary structure that enhances translational initiation. Journal of Molecular Biology, 1999, 288, 291-304.	4.2	28
48	A rare type of overlapping genes in bacteriophage T4: gene 30.3′ is completely embedded within gene 30.3 by one position downstream. Gene, 1997, 194, 157-162.	2.2	9