Eda ÃelÄºk

List of Publications by Year
in descending order

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28	1,124	430754	526166
papers	citations	18 h-index	27 g-index

28	28	28	1439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vitro selection of DNA aptamers against human osteosarcoma. Investigational New Drugs, 2022, 40, 172-181.	1.2	4
2	Enhanced production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) biopolymer by recombinant Bacillus megaterium in fed-batch bioreactors. Bioprocess and Biosystems Engineering, 2021, 44, 403-416.	1.7	11
3	Effects of variable domain orientation on <scp>antiâ€HER2</scp> singleâ€chain variable fragment antibody expressed in the <scp>Escherichia coli</scp> cytoplasm. Biotechnology Progress, 2021, 37, e3102.	1.3	9
4	Microfluidic immobilized metal affinity chromatography based on Ti(IV)-decorated silica microspheres for purification of phosphoproteins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1140, 122010.	1.2	12
5	Silica microspheres functionalized with the iminodiacetic acid/copper(II) complex as a peroxidase mimic for use in metal affinity chromatography-based colorimetric determination of histidine-tagged proteins. Mikrochimica Acta, 2020, 187, 121.	2.5	19
6	Tailoring the Microbial Community for Improving the Biodegradation of Chitosan Films in Composting Environment. Journal of Polymers and the Environment, 2020, 28, 1548-1559.	2.4	8
7	Ni(II)-decorated porous titania microspheres as a stationary phase for column chromatography applications: Highly selective purification of hemoglobin from human blood. Talanta, 2019, 200, 100-106.	2.9	27
8	Established and Upcoming Yeast Expression Systems. Methods in Molecular Biology, 2019, 1923, 1-74.	0.4	25
9	Isolation of RNA and beta-NAD by phenylboronic acid functionalized, monodisperse-porous silica microspheres as sorbent in batch and microfluidic boronate affinity systems. Colloids and Surfaces B: Biointerfaces, 2019, 174, 333-342.	2.5	24
10	Purification and characterization of polyhydroxyalkanoate (PHA) from a <scp>Bacillus megaterium</scp> strain using various dehydration techniques. Journal of Chemical Technology and Biotechnology, 2018, 93, 2292-2298.	1.6	27
11	Protein A and protein A/G coupled magnetic SiO2 microspheres for affinity purification of immunoglobulin G. International Journal of Biological Macromolecules, 2018, 111, 178-185.	3.6	30
12	Periplasmic and extracellular production of cellulase from recombinant Escherichia coli cells. Journal of Chemical Technology and Biotechnology, 2017, 92, 319-324.	1.6	8
13	Highly selective magnetic affinity purification of histidine-tagged proteins by Ni²⁺ carrying monodisperse composite microspheres. RSC Advances, 2017, 7, 8718-8726.	1.7	57
14	Glycoarrays with engineered phages displaying structurally diverse oligosaccharides enable highâ€throughput detection of glycanâ€“protein interactions. Biotechnology Journal, 2015, 10, 199-209.	1.8	17
15	Expanding the glycoengineering toolbox: the rise of bacterial N-linked protein glycosylation. Trends in Biotechnology, 2013, 31, 313-323.	4.9	59
16	Production of recombinant proteins by yeast cells. Biotechnology Advances, 2012, 30, 1108-1118.	6.0	272
17	The GlycoPhage display system and its applications. New Biotechnology, 2012, 29, S162.	2.4	0
18	Production of Secretory and Extracellular N-Linked Glycoproteins inEscherichia coli. Applied and Environmental Microbiology, 2011, 77, 871-881.	1.4	112

#	ARTICLE	IF	CITATIONS
19	Metabolic flux analysis for recombinant protein production by Pichia pastoris using dual carbon sources: Effects of methanol feeding rate. Biotechnology and Bioengineering, 2010, 105, 317-329.	1.7	60
20	A filamentous phage display system for Nâ€‹linked glycoproteins. Protein Science, 2010, 19, 2006-2013.	3.1	32
21	Expression system for recombinant human growth hormone production from Bacillus subtilis. Biotechnology Progress, 2009, 25, 75-84.	1.3	28
22	Fedâ€batch methanol feeding strategy for recombinant protein production by Pichia pastoris in the presence of coâ€substrate sorbitol. Yeast, 2009, 26, 473-484.	0.8	102
23	A structured kinetic model for recombinant protein production by Mut+ strain of Pichia pastoris. Chemical Engineering Science, 2009, 64, 5028-5035.	1.9	20
24	Bioprocess Parameters and Oxygen Transfer Characteristics in Î²-Lactamase Production by Bacillus Species. Biotechnology Progress, 2008, 20, 491-499.	1.3	27
25	Expression System for Synthesis and Purification of Recombinant Human Growth Hormone in Pichia pastoris and Structural Analysis by MALDI-ToF Mass Spectrometry. Biotechnology Progress, 2008, 24, 221-226.	1.3	25
26	Use of Biodiesel Byproduct Crude Glycerol as the Carbon Source for Fermentation Processes by Recombinant Pichia pastoris. Industrial & Engineering Chemistry Research, 2008, 47, 2985-2990.	1.8	64
27	Production of recombinant human erythropoietin from Pichia pastoris and its structural analysis. Journal of Applied Microbiology, 2007, 103, 2084-2094.	1.4	34
28	Protein-based complex medium design for recombinant serine alkaline protease production. Enzyme and Microbial Technology, 2003, 33, 975-986.	1.6	11