

# Seyed Abbas Shojaosadati

## List of Publications by Year in descending order

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236  
papers

7,295  
citations

71102

41  
h-index

91884

69  
g-index

242  
all docs

242  
docs citations

242  
times ranked

8912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient porous magnetic polydopamine/copper phosphate with three-dimensional hierarchical nanoflower morphology as a selective platform for recombinant proteins separation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112149.	5.0	6
2	Thermal decomposition kinetic study of Fe <sub>5</sub> C <sub>2</sub> nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110436.	4.0	3
3	Surface modification of electrospun wound dressing material by Fe <sub>2</sub> O <sub>3</sub> nanoparticles incorporating <i>Lactobacillus</i> strains for enhanced antimicrobial and antibiofilm activity. <i>Surfaces and Interfaces</i> , 2022, 28, 101592.	3.0	6
4	A Protein Corona Modulates Interactions of $\alpha$ -Synuclein with Nanoparticles and Alters the Rates of the Microscopic Steps of Amyloid Formation. <i>ACS Nano</i> , 2022, 16, 1102-1118.	14.6	9
5	Increasing-Aeration Strategy: a Practical Approach to Enhance the Schizophyllan Production and Improve the Operational Conditions of <i>Schizophyllum commune</i> Cultivation in the Stirred Tank and Bubble Column Bioreactors. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 2284-2300.	2.9	2
6	Valine feeding reduces ammonia production through rearrangement of metabolic fluxes in central carbon metabolism of CHO cells. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1113-1126.	3.6	4
7	Prediction of co-metabolic degradation of bisphenol A and phenol by kinetic modeling. <i>Environmental Technology and Innovation</i> , 2022, 26, 102310.	6.1	1
8	Reconstruction of a generic genome-scale metabolic network for chicken: Investigating network connectivity and finding potential biomarkers. <i>PLoS ONE</i> , 2022, 17, e0254270.	2.5	3
9	Enhancement of schizophyllan production in <i>Schizophyllum commune</i> using microparticles in medium. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 317-328.	3.4	5
10	A novel self-assembled micelles based on stearic acid modified schizophyllan for efficient delivery of paclitaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111524.	5.0	31
11	Removal of toluene in a biotrickling filter in the presence of methanol vapors: Experimental study, mathematical modeling, and kinetic parameters optimization. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104617.	6.7	21
12	Ongoing Clinical Trials and the Potential Therapeutics for COVID-19 Treatment. , 2021, , 27-89.		0
13	Synthesis and characterization of Schiff base containing bovine serum albumin-gum arabic aldehyde hybrid nanogels via inverse miniemulsion for delivery of anticancer drug. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 222-231.	7.5	24
14	The Effect of Surface Coating of Iron Oxide Nanoparticles on Magnetic Resonance Imaging Relaxivity. <i>Frontiers in Nanotechnology</i> , 2021, 3, .	4.8	20
15	Repetitive non-destructive extraction of lipids from <i>Chlorella vulgaris</i> grown under stress conditions. <i>Bioresource Technology</i> , 2021, 326, 124798.	9.6	5
16	High cell density culture of recombinant <i>E. coli</i> in the miniaturized bubble columns. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2075-2085.	3.4	0
17	Pectin/lignocellulose nanofibers/chitin nanofibers bionanocomposite as an efficient biosorbent of cholesterol and bile salts. <i>Carbohydrate Polymers</i> , 2021, 261, 117883.	10.2	12
18	An integrated modular framework for modeling the effect of ammonium on the sialylation process of monoclonal antibodies produced by CHO cells. <i>Biotechnology Journal</i> , 2021, 16, e2100019.	3.5	7

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19	Preparation of antibacterial ZnO NP-containing schizophyllan/bacterial cellulose nanocomposite for wound dressing. <i>Cellulose</i> , 2021, 28, 9269-9282.	4.9	34
20	Synergisms of machine learning and constraint-based modeling of metabolism for analysis and optimization of fermentation parameters. <i>Biotechnology Journal</i> , 2021, 16, e2100212.	3.5	18
21	Living Lactobacillus-ZnO nanoparticles hybrids as antimicrobial and antibiofilm coatings for wound dressing application. <i>Materials Science and Engineering C</i> , 2021, 130, 112457.	7.3	15
22	Enhanced elimination of gaseous toluene and methanol emissions in a two-liquid phase trickling bioreactor: Performance evaluation, dynamic modeling, and microbial community shift. <i>Journal of Cleaner Production</i> , 2021, 329, 129637.	9.3	5
23	A novel double-network antibacterial hydrogel based on aminated bacterial cellulose and schizophyllan. <i>Carbohydrate Polymers</i> , 2020, 229, 115383.	10.2	40
24	Efficient butanol production under aerobic conditions by coculture of <i>Clostridium acetobutylicum</i> and <i>Nesterenkonia</i> sp. strain F. <i>Biotechnology and Bioengineering</i> , 2020, 117, 392-405.	3.3	13
25	A comparative study on schizophyllan and chitin nanoparticles for ellagic acid delivery in treating breast cancer. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 380-388.	7.5	33
26	Synergistic Effect of Nutrient and Salt Stress on Lipid Productivity of <i>Chlorella vulgaris</i> Through Two-Stage Cultivation. <i>Bioenergy Research</i> , 2020, 13, 507-517.	3.9	23
27	Mussel-Inspired Magnetic Nanoflowers as an Effective Nanozyme and Antimicrobial Agent for Biosensing and Catalytic Reduction of Organic Dyes. <i>ACS Omega</i> , 2020, 5, 18766-18777.	3.5	38
28	Synergistic Effect of Self-Assembled Curcumin and Piperine Co-Loaded Human Serum Albumin Nanoparticles on Suppressing Cancer Cells. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1647-1655.	2.0	26
29	Enhancement of extracellular bispecific anti-MUC1 nanobody expression in <i>E. coli</i> BL21 (DE3) by optimization of temperature and carbon sources through an autoinduction condition. <i>Engineering in Life Sciences</i> , 2020, 20, 338-349.	3.6	3
30	Porous versus Dense -Effect of Silica Coating on Contrast Enhancement of Iron Carbide Nanoparticles in T <sub>2</sub> -Weighted Magnetic Resonance Imaging. <i>ChemistrySelect</i> , 2020, 5, 1135-1139.	1.5	3
31	Using Various Approaches of Design of Experiments for High Cell Density Production of the Functionally Probiotic <i>Lactobacillus plantarum</i> Strain RPR42 in a Cane Molasses-based Medium. <i>Current Microbiology</i> , 2020, 77, 1756-1766.	2.2	5
32	Synthesis and characterization of antimicrobial wound dressing material based on silver nanoparticles loaded gum Arabic nanofibers. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 119-130.	7.5	53
33	Screening for efficient nitrogen sources for overproduction of the biomass of the functionally probiotic <i>L. plantarum</i> strain RPR42 in a cane molasses-based medium. <i>AMB Express</i> , 2020, 10, 53.	3.0	8
34	FTIR Investigation of Secondary Structure of Reteplase Inclusion Bodies Produced in in Terms of Urea Concentration. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 175-181.	0.5	0
35	Enhancing chimeric hydrophobin II-vascular endothelial growth factor A165 expression in <i>Pichia pastoris</i> and its efficient purification using hydrophobin counterpart. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1028-1034.	7.5	8
36	Bacterial amphiphiles as amyloid inducers: Effect of Rhamnolipid and Lipopolysaccharide on FapC fibrillation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140263.	2.3	23

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37	Systems biology approach in the formulation of chemically defined media for recombinant protein overproduction. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8315-8326.	3.6	10
38	Assessing virus like particles formation and r-HBsAg aggregation during large scale production of recombinant hepatitis B surface antigen from <i>Pichia pastoris</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 139, 697-711.	7.5	7
39	Rapid and green synthesis of silver nanoparticles using <i>Diospyros lotus</i> extract: Evaluation of their biological and catalytic activities. <i>Polyhedron</i> , 2019, 171, 172-180.	2.2	81
40	Plant Polyphenols Inhibit Functional Amyloid and Biofilm Formation in <i>Pseudomonas</i> Strains by Directing Monomers to Off-Pathway Oligomers. <i>Biomolecules</i> , 2019, 9, 659.	4.0	30
41	A comparative and systematic approach to desolvation and self-assembly methods for synthesis of piperine-loaded human serum albumin nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110534.	5.0	21
42	Magnetic silica coated iron carbide/alginate beads: Synthesis and application for adsorption of Cu (II) from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 941-947.	7.5	43
43	Performance assessment of gas-phase toluene removal in one- and two-liquid phase biotrickling filters using artificial neural networks. <i>Chemosphere</i> , 2019, 234, 388-394.	8.2	14
44	Polypyrrole nanotube modified by gold nanoparticles for improving the neural microelectrodes. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1533-1539.	2.5	10
45	Intestinal adsorption of glucose, cholesterol and bile salt by simultaneous incorporation of edible microbiosorbent and intestinal bacteria. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101119.	3.1	3
46	Magnetic pectin- <i>Chlorella vulgaris</i> biosorbent for the adsorption of dyes. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103062.	6.7	56
47	Aptamer functionalized curcumin-loaded human serum albumin (HSA) nanoparticles for targeted delivery to HER-2 positive breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 109-116.	7.5	86
48	Theranostic magnetite cluster@silica@albumin double-shell particles as suitable carriers for water-insoluble drugs and enhanced T2 MR imaging contrast agents. <i>Materials Science and Engineering C</i> , 2019, 99, 1485-1492.	7.3	16
49	Cometabolic degradation of bisphenol A by pure culture of <i>Ralstonia eutropha</i> and metabolic pathway analysis. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 732-737.	2.2	19
50	A robust feeding control strategy adjusted and optimized by a neural network for enhancing of alpha 1-antitrypsin production in <i>Pichia pastoris</i> . <i>Biochemical Engineering Journal</i> , 2019, 144, 18-27.	3.6	12
51	Protein Nanocarriers for Targeted Drug Delivery. , 2019, , 199-218.		8
52	Transient-state strategies for the removal of toluene vapor in a two-liquid phase biotrickling filter: Experimental study and neural network analysis. <i>Chemical Engineering Research and Design</i> , 2019, 121, 184-193.	5.6	16
53	Hydrodynamics and mass transfer in miniaturized bubble column bioreactors. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 257-266.	3.4	14
54	RGD-Modified Nano-Liposomes Encapsulated Eptifibatide with Proper Hemocompatibility and Cytotoxicity Effect. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 8-13.	0.3	23

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55	Purification of extra cellular poly- $\hat{I}^3$ -glutamic acid as an antibacterial agent using anion exchange chromatography. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 142-149.	7.5	20
56	All-trans retinoic acid in combination with sodium butyrate enhances specific monoclonal antibody productivity in recombinant CHO cell line. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 961-971.	3.4	4
57	Ag/Fe <sub>3</sub> O <sub>4</sub> nanocomposites penetrate and eradicate <i>S. aureus</i> biofilm in an in vitro chronic wound model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 192-200.	5.0	39
58	Preparation and characterization of magnetic keratin nanocomposite. <i>Materials Chemistry and Physics</i> , 2018, 215, 40-45.	4.0	6
59	Redox responsive curcumin-loaded human serum albumin nanoparticles: Preparation, characterization and in vitro evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 759-766.	7.5	40
60	Mathematical modeling of ethanol production in solid-state fermentation based on solid medium's dry weight variation. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 372-377.	1.9	1
61	Investigation of transient forms of sulfur during biological treatment of spent caustic. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1597-1606.	2.2	6
62	Green Synthesis of Different Shapes of Silver Nanostructures and Evaluation of Their Antibacterial and Cytotoxic Activity. <i>BioNanoScience</i> , 2018, 8, 72-80.	3.5	28
63	Schizophyllan production by newly isolated fungus <i>Schizophyllum commune</i> IBRC-M 30213: optimization of culture medium using response surface methodology. <i>Annals of Microbiology</i> , 2018, 68, 47-62.	2.6	20
64	Formulation and anti-neurotoxic activity of baicalein-incorporating neutral nanoliposome. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 578-587.	5.0	36
65	Techno-economic and environmental assessment of conceptually designed in situ lipid extraction process from microalgae. <i>Algal Research</i> , 2018, 35, 547-560.	4.6	26
66	Development of a two-step refolding method for reteplase, a rich disulfide-bonded protein. <i>Process Biochemistry</i> , 2018, 74, 94-102.	3.7	2
67	Synthesis of Fe <sub>5</sub> C <sub>2</sub> @SiO <sub>2</sub> core@shell nanoparticles as a potential candidate for biomedical application. <i>Materials Research Express</i> , 2018, 5, 055038.	1.6	14
68	Synthesis and characterization of schizophyllan nanogels via inverse emulsion using biobased materials. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 468-474.	7.5	28
69	Ligand-modified Biopolymeric Nanoparticles as Efficient Tools for Targeted Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2018, 23, 5336-5348.	1.9	8
70	STATISTICAL EVALUATION AND PROCESS OPTIMIZATION OF BIOTREATMENT OF POLYCYCLIC AROMATIC HYDROCARBONS IN A BIOREACTOR. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 1869-1877.	0.6	5
71	Optimization and Characterization of Aspirin Encapsulated Nano-liposomes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 11-22.	0.5	4
72	Application of a Nanoporous Metal Organic Framework Based on Iron Carboxylate as Drug Delivery System. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1164-1171.	0.5	14

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73	Mechanism study of silver nanoparticle production using <i>Neurospora intermedia</i> . IET Nanobiotechnology, 2017, 11, 157-163.	3.8	13
74	TRFBA: an algorithm to integrate genome-scale metabolic and transcriptional regulatory networks with incorporation of expression data. Bioinformatics, 2017, 33, 1057-1063.	4.1	53
75	Different strategies for transient-state operation of a biotrickling filter treating toluene vapor. Applied Microbiology and Biotechnology, 2017, 101, 3451-3462.	3.6	14
76	Nanoparticles based on crocin loaded chitosan-alginate biopolymers: Antioxidant activities, bioavailability and anticancer properties. International Journal of Biological Macromolecules, 2017, 99, 401-408.	7.5	94
77	Purification and efficient refolding process for recombinant tissue-type plasminogen activator derivative (reteplase) using glycerol and Tranexamic acid. Process Biochemistry, 2017, 53, 135-144.	3.7	9
78	The synthesis of tamoxifen-loaded albumin nanoparticles by homogenizers: Optimization and in vitro characterization. Journal of Drug Delivery Science and Technology, 2017, 41, 20-30.	3.0	7
79	Evaluation of the catalytic, antibacterial and anti-biofilm activities of the <i>Convolvulus arvensis</i> extract functionalized silver nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2017, 167, 36-44.	3.8	92
80	Controlled biosynthesis of silver nanoparticles using nitrate reductase enzyme induction of filamentous fungus and their antibacterial evaluation. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1588-1596.	2.8	71
81	Implications of recovery procedures on structural and rheological properties of schizophyllan produced from date syrup. International Journal of Biological Macromolecules, 2017, 105, 36-44.	7.5	15
82	Reducing agent-free synthesis of curcumin-loaded albumin nanoparticles by self-assembly at room temperature. International Journal of Pharmaceutics, 2017, 529, 303-309.	5.2	25
83	Encapsulation of eptifibatid in RGD-modified nanoliposomes improves platelet aggregation inhibitory activity. Journal of Thrombosis and Thrombolysis, 2017, 43, 184-193.	2.1	29
84	Bisphenol A degradation by <i>Ralstonia eutropha</i> in the absence and presence of phenol. International Biodeterioration and Biodegradation, 2017, 119, 37-42.	3.9	30
85	Biosynthesis and physicochemical characterization of a bacterial polysaccharide/polyamide blend, applied for microfluidics study in porous media. International Journal of Biological Macromolecules, 2017, 96, 100-110.	7.5	9
86	Synthesis and characterization of multilayered nanobiohybrid magnetic particles for biomedical applications. Materials and Design, 2017, 115, 317-324.	7.0	30
87	Exergy-based screening of biocompatible solvents for in situ lipid extraction from <i>Chlorella vulgaris</i> . Journal of Applied Phycology, 2017, 29, 89-103.	2.8	8
88	Pectin-non-starch nanofibers biocomposites as novel gastrointestinal-resistant prebiotics. International Journal of Biological Macromolecules, 2017, 94, 131-144.	7.5	23
89	Effect of operating temperature on styrene mass transfer characteristics in a biotrickling filter. Environmental Technology (United Kingdom), 2017, 38, 1324-1332.	2.2	5
90	Starch- and carboxymethylcellulose-coated bacterial nanocellulose-pectin bionanocomposite as novel protective prebiotic matrices. Food Hydrocolloids, 2017, 63, 273-285.	10.7	39

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91	Enhancement of Alpha 1-antitrypsin Production in <i>Pichia pastoris</i> by Designing and Optimizing Medium Using Elemental Analysis. Iranian Journal of Biotechnology, 2017, 15, 224-231.	0.3	9
92	Neurotoxicity of pre-incubated alpha-synuclein with neutral nanoliposomes on PC12 and SHSY5Y cell lines. Scientia Iranica, 2017, .	0.4	1
93	KINETIC CONSTANTS DETERMINATION OF PETROLEUM REFINERY EFFLUENT TREATMENT IN A UASB REACTOR USING RSM. Environmental Engineering and Management Journal, 2017, 16, 121-130.	0.6	1
94	Optimization of RGD-modified Nano-liposomes Encapsulating Eptifibatide. Iranian Journal of Biotechnology, 2016, 14, 33-40.	0.3	33
95	Effect of moderate static electric field on the growth and metabolism of <i>Chlorella vulgaris</i> . Bioresource Technology, 2016, 218, 700-711.	9.6	44
96	Experiments and a three-phase computational fluid dynamics (CFD) simulation coupled with population balance equations of a stirred tank bioreactor for high cell density cultivation. Canadian Journal of Chemical Engineering, 2016, 94, 20-32.	1.7	23
97	Data on the role of starch and ammonia in green synthesis of silver and iron oxide nanoparticles. Data in Brief, 2016, 7, 999-1003.	1.0	5
98	Evaluation of the effect of nanoporous nanorods Zn <sub>2</sub> (bdc) <sub>2</sub> (dabco) dimension on ibuprofen loading and release. Journal of the Iranian Chemical Society, 2016, 13, 1205-1212.	2.2	19
99	Bioleaching of valuable metals from spent lithium-ion mobile phone batteries using <i>Aspergillus niger</i> . Journal of Power Sources, 2016, 320, 257-266.	7.8	308
100	Galic acid loaded onto polyethylenimine-coated human serum albumin nanoparticles (PEI-HSA-GA NPs) stabilizes $\beta$ -synuclein in the unfolded conformation and inhibits aggregation. RSC Advances, 2016, 6, 85312-85323.	3.6	21
101	Inhibition of lysozyme fibrillation by human serum albumin nanoparticles: Possible mechanism. International Journal of Biological Macromolecules, 2016, 93, 1328-1336.	7.5	9
102	Role of <i>Aspergillus niger</i> in recovery enhancement of valuable metals from produced red mud in Bayer process. Bioresource Technology, 2016, 218, 991-998.	9.6	91
103	Characterization and optimization of schizophyllan production from date syrup. International Journal of Biological Macromolecules, 2016, 92, 484-493.	7.5	36
104	Genome-scale metabolic model of <i>Pichia pastoris</i> with native and humanized glycosylation of recombinant proteins. Biotechnology and Bioengineering, 2016, 113, 961-969.	3.3	43
105	Styrene vapor mass transfer in a biotrickling filter: Effects of silicone oil volume fraction, gas-to-liquid flow ratio, and operating temperature. Chemical Engineering Journal, 2016, 284, 926-933.	12.7	22
106	Bacterial nanocellulose-pectin bionanocomposites as prebiotics against drying and gastrointestinal condition. International Journal of Biological Macromolecules, 2016, 83, 9-18.	7.5	53
107	Chemical synthesis of polypyrrole nanostructures: Optimization and applications for neural microelectrodes. Materials and Design, 2016, 96, 378-384.	7.0	34
108	Multifunctional nanoparticles for cancer immunotherapy. Human Vaccines and Immunotherapeutics, 2016, 12, 1-13.	3.3	33

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109	Biobleaching of fuel-oil ash using <i>Acidithiobacillus thiooxidans</i> in shake flasks and a slurry bubble column bioreactor. <i>RSC Advances</i> , 2016, 6, 21756-21764.	3.6	30
110	Evaluation of the antibacterial activity of Ag/Fe <sub>3</sub> O <sub>4</sub> nanocomposites synthesized using starch. <i>Carbohydrate Polymers</i> , 2016, 144, 454-463.	10.2	63
111	Reconstruction of a charge balanced genome-scale metabolic model to study the energy-uncoupled growth of <i>Zymomonas mobilis</i> ZM1. <i>Molecular BioSystems</i> , 2016, 12, 1241-1249.	2.9	26
112	The Effects of Organic Solvents on the Physicochemical Properties of Human Serum Albumin Nanoparticles. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 45-50.	0.3	25
113	The Prominent Role of Protein-Based Delivery Systems on the Development of Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2016, 22, 3455-3465.	1.9	8
114	Biodegradation of heptadecane in hydrocarbon polluted dune sands using a newly-isolated thermophilic bacterium, <i>Brevibacillus borstelensis</i> TMU30: statistical evaluation and process optimization. <i>RSC Advances</i> , 2015, 5, 33414-33422.	3.6	3
115	A study on cell surface hydrophobicity, growth and metabolism of <i>Zymomonas mobilis</i> influenced by PEG as a pretreatment agent. <i>RSC Advances</i> , 2015, 5, 48176-48180.	3.6	3
116	Chemical Synthesis of Polypyrrole Nanotubes for Neural Microelectrodes. , 2015, 11, 147-151.		3
117	Development and in silico analysis of a new nitrogen-limited feeding strategy for fed-batch cultures of <i>Pichia pastoris</i> based on a simple pH-control system. <i>Biochemical Engineering Journal</i> , 2015, 98, 1-9.	3.6	13
118	Styrene vapor biodegradation in single- and two-liquid phase biotrickling filters using <i>Ralstonia eutropha</i> . <i>Chemical Engineering Journal</i> , 2015, 268, 21-27.	12.7	49
119	Efficient Delivery of Therapeutic Agents by Using Targeted Albumin Nanoparticles. <i>Advances in Protein Chemistry and Structural Biology</i> , 2015, 98, 121-143.	2.3	45
120	MPG-based nanoparticle: An efficient delivery system for enhancing the potency of DNA vaccine expressing HPV16E7. <i>Vaccine</i> , 2015, 33, 3164-3170.	3.8	47
121	Biobleaching of V, Ni, and Cu from residual produced in oil fired furnaces using <i>Acidithiobacillus ferrooxidans</i> . <i>Hydrometallurgy</i> , 2015, 157, 50-59.	4.3	44
122	Preparation and in vitro characterization of gallic acid-loaded human serum albumin nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	16
123	Biodegradation potential of hydrocarbons in petroleum refinery effluents using a continuous anaerobic-aerobic hybrid system. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 874-881.	2.7	25
124	Improvement of crocin stability by biodegradable nanoparticles of chitosan-alginate. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 423-432.	7.5	92
125	Biobleaching of an oil-fired residual: process optimization and nanostructure NaV <sub>6</sub> O <sub>15</sub> synthesis from the bioleachate. <i>RSC Advances</i> , 2015, 5, 41088-41097.	3.6	27
126	Experimental study and CFD simulation of phenol removal by immobilization of soybean seed coat in a packed-bed bioreactor. <i>Biochemical Engineering Journal</i> , 2015, 101, 32-43.	3.6	19



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127	Strong interactions with polyethylenimine-coated human serum albumin nanoparticles (PEI-HSA NPs) alter I $\beta$ -synuclein conformation and aggregation kinetics. <i>Nanoscale</i> , 2015, 7, 19627-19640.	5.6	29
128	Evaluation of antioxidant activities of bioactive compounds and various extracts obtained from saffron ( <i>Crocus sativus</i> L.): a review. <i>Journal of Food Science and Technology</i> , 2015, 52, 1881-1888.	2.8	138
129	Bioethanol production performance in a packed bed solid-state fermenter: evaluation of operational factors and intermittent aeration strategies. <i>Annals of Microbiology</i> , 2015, 65, 351-357.	2.6	4
130	Conjugated linoleic acid production from various substrates by probiotic <i>Lactobacillus plantarum</i> . <i>Annals of Microbiology</i> , 2015, 65, 27-32.	2.6	22
131	Different catalytic behavior of I $\beta$ -amylase in response to the nitrogen substance used in the production phase. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 772-778.	5.8	6
132	Development of parallel miniature bubble column bioreactors for fermentation process. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1051-1061.	3.2	12
133	Evaluation of Cell Penetrating Peptide Delivery System on HPV16E7 Expression in Three Types of Cell Line. <i>Iranian Journal of Biotechnology</i> , 2015, 13, 55-62.	0.3	8
134	Targeted Delivery of 5-fluorouracil with Monoclonal Antibody Modified Bovine Serum Albumin Nanoparticles. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 395-405.	0.5	12
135	Auto-inducible expression system based on the SigB-dependent <i>ohrB</i> promoter in <i>Bacillus subtilis</i> . <i>Molecular Biology</i> , 2014, 48, 852-857.	1.3	17
136	Improvement of mixing time, mass transfer, and power consumption in an external loop airlift photobioreactor for microalgae cultures. <i>Biochemical Engineering Journal</i> , 2014, 87, 25-32.	3.6	39
137	Porosity changes during packed bed solid-state fermentation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 4022-4027.	5.8	14
138	In situ synthesis of a drug-loaded MOF at room temperature. <i>Microporous and Mesoporous Materials</i> , 2014, 186, 73-79.	4.4	92
139	Induction of <i>Bacillus subtilis</i> expression system using environmental stresses and glucose starvation. <i>Annals of Microbiology</i> , 2014, 64, 879-882.	2.6	11
140	Modeling and CFD-PBE simulation of an airlift bioreactor for PHB production. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 562-573.	1.5	6
141	Extracellular biosynthesis of silver nanoparticles using a novel and non-pathogenic fungus, <i>Neurospora intermedia</i> : controlled synthesis and antibacterial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 693-704.	3.6	55
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