

Ghasem D Najafpour

List of Publications by Year in descending order

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222
papers

7,775
citations

61984

43
h-index

64796

79
g-index

226
all docs

226
docs citations

226
times ranked

8569
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Rhamnolipid Biosurfactant Produced by <i>Pseudomonas aeruginosa</i> PTCC 1340 for Emulsification of Oil Sludge in Oil Storage Tank. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 219-226.	3.0	5
2	Preparation of immobilized lipase on Co ²⁺ -chelated carboxymethyl cellulose based MnFe ₂ O ₄ magnetic nanocomposite particles. <i>Molecular Catalysis</i> , 2022, 519, 112118.	2.0	7
3	Rapid biodegradation of diazinon using a novel strain of <i>Candida pseudolambica</i> . <i>Environmental Technology and Innovation</i> , 2022, 25, 102218.	6.1	6
4	Optimization of protease production process using bran waste using <i>Bacillus licheniformis</i> . <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 674-683.	2.7	7
5	Evaluation of the extraction process parameters on bioactive compounds of cinnamon bark: A comparative study. <i>Process Biochemistry</i> , 2022, 114, 93-101.	3.7	6
6	Quercetin loading on mesoporous magnetic MnFe ₂ O ₄ @ hydroxyapatite core-shell nanoparticles for treating cancer cells. <i>Advanced Powder Technology</i> , 2022, 33, 103609.	4.1	7
7	Ursolic acid loaded β -cyclodextrin/folic acid/Fe ₃ O ₄ nanocomplex for drug delivery to tumor cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103412.	3.0	3
8	Biosynthesis of exopolysaccharide from waste molasses using <i>Pantoea</i> sp. BCCS 001 GH: a kinetic and optimization study. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
9	Magnetic MnFe ₂ O ₄ Core-shell nanoparticles coated with antibiotics for the ablation of pathogens. <i>Chemical Papers</i> , 2021, 75, 377-387.	2.2	10
10	Synthesis of a biopolymer via a novel strain of <i>Pantoea</i> as a soil stabilizer. <i>Transportation Geotechnics</i> , 2021, 26, 100425.	4.5	9
11	Antiinfective properties of ursolic acid-loaded chitosan nanoparticles against <i>Staphylococcus aureus</i> . <i>Turkish Journal of Chemistry</i> , 2021, 45, 1454-1462.	1.2	3
12	Phytochemical analysis, antioxidant activity, and pancreatic lipase inhibitory effect of ethanolic extract of <i>Trigonella foenumgraceum</i> L. leaves. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 32, 101961.	3.1	12
13	Electronic, mechanical and thermal properties of SiO ₂ nanotube interacting with poly lactic-co-glycolic acid: Density functional theory and molecular dynamics studies. <i>Applied Surface Science</i> , 2021, 546, 148894.	6.1	9
14	Design of PAMAM grafted chitosan dendrimers biosorbent for removal of anionic dyes: Adsorption isotherms, kinetics and thermodynamics studies. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 306-316.	7.5	63
15	Multifunctional metal-chelated phosphonate/Fe ₃ O ₄ magnetic nanocomposite particles for defeating antibiotic-resistant bacteria. <i>Powder Technology</i> , 2021, 384, 1-8.	4.2	10
16	Spectrophotometric Determination of Naproxen Using Chitosan Capped Silver Nanoparticles in Pharmaceutical Formulation. <i>International Journal of Engineering, Transactions A: Basics</i> , 2021, 34, .	0.4	1
17	Synthesis, characterization, and in-vitro evaluation of piperine-loaded silica/hydroxyapatite mesoporous nanoparticles. <i>Chemical Papers</i> , 2021, 75, 6465-6475.	2.2	2
18	Loading of apigenin extracted from parsley leaves on colloidal core-shell nanocomposite for bioavailability enhancement. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126867.	4.7	17

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19	Manganese ferrite (MnFe ₂ O ₄) Nanoparticles: From synthesis to application -A review. Journal of Industrial and Engineering Chemistry, 2021, 103, 292-304.	5.8	93
20	Development of the electrochemical and molecular dynamics approaches toward the monitoring of biomolecular interaction between DNA and the intercalative endocrine disruptor; Bisphenol A. Measurement: Journal of the International Measurement Confederation, 2021, 185, 109977.	5.0	5
21	The degradation and simultaneous influence of bisphenol A on methane production in a bio-anode single-chamber microbial electrolysis cell. Biochemical Engineering Journal, 2021, 176, 108219.	3.6	9
22	Production of Alkaline Protease Using Industrial Waste Effluent as Low-cost Fermentation Substrate. Iranica Journal of Energy & Environment, 2021, 12, 264-272.	0.4	1
23	Advanced sensing platform for electrochemical monitoring of the environmental toxin; bisphenol A. Ecotoxicology and Environmental Safety, 2020, 190, 110088.	6.0	14
24	Optimization of semi-anaerobic vitamin B12 (cyanocobalamin) production from rice bran oil using Propionibacterium freudenreichii PTCC1674. Biocatalysis and Agricultural Biotechnology, 2020, 23, 101444.	3.1	13
25	Facile and green synthesis of cobalt oxide nanoparticles using ethanolic extract of Trigonella foenumgraceum (Fenugreek) leaves. Advanced Powder Technology, 2020, 31, 3562-3569.	4.1	43
26	A comprehensive review on biological hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 22492-22512.	7.1	206
27	Density functional theory study on the interaction of chitosan monomer with TiO ₂ , SiO ₂ and carbon nanotubes. Materials Chemistry and Physics, 2020, 255, 123576.	4.0	11
28	Simultaneous voltammetric determination of rizatriptan and acetaminophen using a carbon paste electrode modified with NiFe ₂ O ₄ nanoparticles. Mikrochimica Acta, 2020, 187, 315.	5.0	8
29	Recent advances in electroanalytical methods for the therapeutic monitoring of antiepileptic drugs: A comprehensive review. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113394.	2.8	12
30	Macro and Micro Algae in Pollution Control and Biofuel Production – A Review. ChemBioEng Reviews, 2020, 7, 18-33.	4.4	76
31	Comparative study on the extraction of apigenin from parsley leaves (Petroselinum crispum L.) by ultrasonic and microwave methods. Chemical Papers, 2020, 74, 3857-3871.	2.2	17
32	Experimental Investigations on Behaviour of Rhamnolipid Biosurfactant as a Green Stabilizer for the Biological Synthesis of Gold Nanoparticles. International Journal of Engineering, Transactions B: Applications, 2020, 33, .	0.7	3
33	Fabrication of multifunctional microfibrus and nanofibrus cellulose carriers and comparison of cell adhesion and spreading potential on them. Biointerface Research in Applied Chemistry, 2020, 10, 5387-5391.	1.0	4
34	Production of Bio-Fungicide from Sugarcane Bagasse using Pichia membranifaciens Yeast and its Activity Against Post-Harvest Pathogenic Fungi. Biointerface Research in Applied Chemistry, 2020, 11, 10435-10445.	1.0	1
35	Bioconversion of agroindustrial wastes to pectinases enzyme via solid state fermentation in trays and rotating drum bioreactors. Biocatalysis and Agricultural Biotechnology, 2019, 21, 101280.	3.1	22
36	Determination of Diazinon in fruit samples using electrochemical sensor based on carbon nanotubes modified carbon paste electrode. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101245.	3.1	36

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37	Bacteria-assisted biogreen synthesis of radical scavenging exopolysaccharide-iron complexes: an oral nano-sized nutritional supplement with high <i>in vivo</i> compatibility. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5211-5221.	5.8	7
38	Biodistribution of calcium fructoborate as a targeting agent for boron neutron capture therapy in an experimental model of MDA-MB-231 breast cancer cells. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 22, 101389.	3.1	1
39	Fabrication and evaluation of carboxymethylated diethylaminoethyl cellulose microcarriers as support for cellular applications. <i>Carbohydrate Polymers</i> , 2019, 226, 115284.	10.2	13
40	Amperometric urea biosensor based on immobilized urease on polypyrrole and macroporous polypyrrole modified Pt electrode. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1063-1074.	1.2	15
41	A comparative study of the anaerobic baffled reactor and an integrated anaerobic baffled reactor and microbial electrolysis cell for treatment of petrochemical wastewater. <i>Biochemical Engineering Journal</i> , 2019, 144, 157-165.	3.6	23
42	Investigating effect of proton-exchange membrane on new air-cathode single-chamber microbial fuel cell configuration for bioenergy recovery from Azorubine dye degradation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21201-21215.	5.3	6
43	Improvement of sediment microbial fuel cell performances by design and application of power management systems. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16965-16975.	7.1	35
44	Performance of an integrated fixed bed membrane bioreactor (FBMBR) applied to pollutant removal from paper-recycling wastewater. <i>Water Resources and Industry</i> , 2019, 21, 100111.	3.9	17
45	Single-Layer Assembly of Multifunctional Carboxymethylcellulose on Graphene Oxide Nanoparticles for Improving <i>In Vivo</i> Curcumin Delivery into Tumor Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2595-2609.	5.2	30
46	Ammonia and phosphorus removal from mixture of treated and raw cattle manure wastewater in a low ² granular sequencing batch reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2238-2247.	3.2	5
47	Efficient methane production from petrochemical wastewater in a single membrane-less microbial electrolysis cell: the effect of the operational parameters in batch and continuous mode on bioenergy recovery. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 305-317.	3.0	11
48	A Novel Bioelectrochemical Sensor Based on Immobilized Urease on the Surface of Nickel Oxide Nanoparticle and Polypyrrole Composite Modified Pt Electrode. <i>Electroanalysis</i> , 2019, 31, 2530-2537.	2.9	10
49	Uptake of Pb(II) Ions from Simulated Aqueous Solution via Nanochitosan. <i>Coatings</i> , 2019, 9, 862.	2.6	10
50	A $\text{Gr}/\text{Fe}_2\text{O}_3/\text{Carbon}$ Paste Electrode Developed as an Electrochemical Sensor for Determination of Rizatriptan Benzoate: An Antimigraine Drug. <i>ChemistrySelect</i> , 2019, 4, 13421-13426.	1.5	11
51	Gold nanoparticle prepared by electrochemical deposition for electrochemical determination of gabapentin as an antiepileptic drug. <i>Journal of Electroanalytical Chemistry</i> , 2019, 835, 281-286.	3.8	24
52	Enhanced Ethanol Separation by Corona-Modified Surface MWCNT Composite PDMS/PES.PVP Membrane. <i>Jom</i> , 2019, 71, 285-293.	1.9	14
53	Facile in-situ assembly of silver-based MOFs to surface functionalization of TFC membrane: A novel approach toward long-lasting biofouling mitigation. <i>Journal of Membrane Science</i> , 2019, 573, 257-269.	8.2	94
54	Evaluation of critical parameters for preparation of stable clove oil nanoemulsion. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3225-3230.	4.9	80

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55	Enhanced Vitamin B12 Production using <i>Chlorella vulgaris</i> . International Journal of Engineering, Transactions A: Basics, 2019, 32, .	0.4	9
56	Plant-Based Calcium Fructoborate as Boron-Carrying Nanoparticles for Neutron Cancer Therapy. International Journal of Engineering, Transactions A: Basics, 2019, 32, .	0.4	1
57	Microwave Ultrasound Assisted Extraction: Determination of Quercetin for Antibacterial and Antioxidant Activities of Iranian Propolis. International Journal of Engineering Transactions B: Applications, 2019, 32, .	0.5	3
58	Recycling and Reuse of Organo-sulfur Compounds from Barrels of Natural Gas Contaminated with Mercaptan Odorant. International Journal of Engineering Transactions B: Applications, 2019, 32, .	0.5	0
59	Evaluation of antimicrobial and dyeing properties of walnut (<i>Juglans regia</i> L.) green husk extract for cosmetics. Coloration Technology, 2018, 134, 71-81.	1.5	39
60	Thin film composite nanofiltration membrane for lactic acid production in membrane bioreactor. Biochemical Engineering Journal, 2018, 132, 152-160.	3.6	18
61	Cultivation of newly isolated microalgae <i>Coelastrum</i> sp. in wastewater for simultaneous CO ₂ fixation, lipid production and wastewater treatment. Bioprocess and Biosystems Engineering, 2018, 41, 519-530.	3.4	42
62	Effect of illumination intensity on photosynthesis assisted anaerobic digestion of cattle manure leachate for enhanced biogas production. Chemical Engineering Journal, 2018, 338, 8-14.	12.7	7
63	Performance of microbial desalination cell for salt removal and energy generation using different catholyte solutions. Desalination, 2018, 432, 1-9.	8.2	58
64	Improving bioelectricity generation and COD removal of sewage sludge in microbial desalination cell. Environmental Technology (United Kingdom), 2018, 39, 1188-1197.	2.2	19
65	Simultaneous sulfamethoxazole and trimethoprim removal and biofilm growth characteristics in attached growth bioreactor. International Journal of Environmental Science and Technology, 2018, 15, 415-426.	3.5	2
66	An electrochemical nitric oxide biosensor based on immobilized cytochrome c on a chitosan-gold nanocomposite modified gold electrode. International Journal of Biological Macromolecules, 2018, 108, 250-258.	7.5	28
67	Adsorption of DNA/RNA nucleobases onto single-layer MoS ₂ and Li-Doped MoS ₂ : A dispersion-corrected DFT study. Applied Surface Science, 2018, 434, 176-187.	6.1	34
68	Treatment of paper-recycling wastewater by electrocoagulation using aluminum and iron electrodes. Journal of Environmental Health Science & Engineering, 2018, 16, 257-264.	3.0	40
69	Exopolysaccharide production of <i>Pantoea</i> sp. BCCS 001 GH: Physical characterizations, emulsification, and antioxidant activities. International Journal of Biological Macromolecules, 2018, 118, 1103-1111.	7.5	29
70	CO ₂ bio-fixation and biofuel production in an airlift photobioreactor by an isolated strain of microalgae <i>Coelastrum</i> sp. SM under high CO ₂ concentrations. Environmental Science and Pollution Research, 2018, 25, 30139-30150.	5.3	28
71	Co-treatment of septage and municipal wastewater in a quadripartite microbial desalination cell. Chemical Engineering Journal, 2018, 354, 1092-1099.	12.7	28
72	Exopolysaccharide from <i>Pantoea</i> sp. BCCS 001 GH isolated from nectarine fruit: production in submerged culture and preliminary physicochemical characterizations. Food Science and Biotechnology, 2018, 27, 1735-1746.	2.6	4

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73	Perspectives on Membrane Bioreactor Potential for Treatment of Pulp and Paper Industry Wastewater: A Critical Review. <i>Journal of Applied Biotechnology Reports</i> , 2018, 5, 139-150.	0.9	12
74	Highly Sensitive Amperometric Sensor Based on Gold Nanoparticles Polyaniline Electrochemically Reduced Graphene Oxide Nanocomposite for Detection of Nitric Oxide. <i>International Journal of Engineering Transactions B: Applications</i> , 2018, 31, .	0.5	0
75	Separation of Curcumin from <i>Curcuma longa</i> L. and its Conjugation with Silica Nanoparticles for Anti-cancer Activities. <i>International Journal of Engineering Transactions B: Applications</i> , 2018, 31, .	0.5	1
76	Impacts of process parameters optimization on the performance of the annular single chamber microbial fuel cell in wastewater treatment. <i>Engineering in Life Sciences</i> , 2017, 17, 545-551.	3.6	11
77	Growth kinetic models of five species of Lactobacilli and lactose consumption in batch submerged culture. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 251-258.	2.0	36
78	Enantioselective synthesis of (S)- ϵ -naprofen using immobilized lipase on chitosan beads. <i>Chirality</i> , 2017, 29, 304-314.	2.6	11
79	Anaerobic co-digestion of animal manures and lignocellulosic residues as a potent approach for sustainable biogas production. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 308-322.	16.4	363
80	Enhancing biodegradation and energy generation via roughened surface graphite electrode in microbial desalination cell. <i>Water Science and Technology</i> , 2017, 76, 1206-1214.	2.5	21
81	Dye removal of AR27 with enhanced degradation and power generation in a microbial fuel cell using bioanode of treated clinoptilolite-modified graphite felt. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19444-19457.	5.3	12
82	Acid pretreatment and enzymatic saccharification of brown seaweed for polyhydroxybutyrate (PHB) production using <i>Cupriavidus necator</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 101, 1029-1040.	7.5	86
83	Evaluation of effective nutritional parameters for <i>Scenedesmus</i> sp. microalgae culturing in a photobioreactor for biodiesel production. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1037-1046.	3.5	10
84	Production of pectinases for quality apple juice through fermentation of orange pomace. <i>Journal of Food Science and Technology</i> , 2017, 54, 4123-4128.	2.8	24
85	Sequential Microwave-Ultrasound-Assisted Extraction for Isolation of Piperine from Black Pepper (<i>Piper nigrum</i> L.). <i>Food and Bioprocess Technology</i> , 2017, 10, 2199-2207.	4.7	47
86	Photosynthesis assisted anaerobic digestion of cattle manure leachate in a hybrid bioreactor: An integrated system for enhanced wastewater treatment and methane production. <i>Chemical Engineering Journal</i> , 2017, 330, 616-624.	12.7	14
87	Sulfide as an alternative electron donor to glucose for power generation in mediator-less microbial fuel cell. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 1150-1157.	1.7	9
88	EVALUATION OF TREATABILITY OF HIGH STRENGTH WASTEWATER IN A THREE STAGE-ROTATING BIOLOGICAL CONTACTOR. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017, 25, 234-240.	1.0	6
89	Effect of passive transport of water through plasma membrane in production of extracellular enzyme. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 297-307.	3.4	1
90	Enzyme-assisted ionic liquid extraction of bioactive compound from turmeric (<i>Curcuma longa</i> L.): Isolation, purification and analysis of curcumin. <i>Industrial Crops and Products</i> , 2017, 95, 686-694.	5.2	76

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91	Piperine—The Bioactive Compound of Black Pepper: From Isolation to Medicinal Formulations. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 124-140.	11.7	234
92	Amperometric biosensor for detection of triglyceride tributyrin based on zero point charge of activated carbon. <i>Turkish Journal of Biology</i> , 2017, 41, 268-277.	0.8	9
93	Biodegradation of Wastewater Containing High Concentration of Sulfamethoxazole by Antibiotic Adopted Biofilm in Attached Growth Bioreactor. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 2463-2469.	1.2	7
94	Experimental Design Procedure for Optimization of Saponin Extraction from <i>Glycyrrhiza glabra</i> : A Biosurfactant for Emulsification of Heavy Crude Oil. <i>Tenside, Surfactants, Detergents</i> , 2017, 54, 308-314.	1.2	11
95	Kinetic Modeling of Enzymatic Hydrolysis of Pretreated Sorghum Bicolor and Rice Husk. <i>International Journal of Engineering Transactions B: Applications</i> , 2017, 30, .	0.5	1
96	Exergy Analysis as a Tool for Decision Making on Substrate Concentration and Light Intensity in Photobiological Hydrogen Production. <i>Energy Technology</i> , 2016, 4, 429-440.	3.8	16
97	Enhanced power generation in annular single-chamber microbial fuel cell via optimization of electrode spacing using chocolate industry wastewater. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 427-434.	3.1	16
98	A study on the effect of parameters on lactic acid production from whey. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 58-63.	0.5	12
99	Using exergy to analyse the sustainability of fermentative ethanol and acetate production from syngas via anaerobic bacteria (<i>Clostridium ljungdahlii</i>). <i>Sustainable Energy Technologies and Assessments</i> , 2016, 15, 11-19.	2.7	20
100	High performance curcumin subcritical water extraction from turmeric (<i>Curcuma longa</i> L.). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 191-198.	2.3	75
101	Mathematical modeling of continuous ethanol fermentation in a membrane bioreactor by pervaporation compared to conventional system: Genetic algorithm. <i>Bioresource Technology</i> , 2016, 212, 62-71.	9.6	24
102	Immobilized <i>Kluyveromyces marxianus</i> cells in carboxymethyl cellulose for production of ethanol from cheese whey: experimental and kinetic studies. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1341-1349.	3.4	7
103	Production of Saponin Biosurfactant from <i>Glycyrrhiza glabra</i> as an Agent for Upgrading Heavy Crude Oil. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 1251-1261.	2.1	35
104	Exergy-based sustainability assessment of continuous photobiological hydrogen production using anaerobic bacterium <i>Rhodospirillum rubrum</i> . <i>Journal of Cleaner Production</i> , 2016, 139, 157-166.	9.3	45
105	Stability of immobilized porcine pancreas lipase on mesoporous chitosan beads: A comparative study. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 144-153.	1.8	35
106	Multi-objective exergetic optimization of continuous photo-biohydrogen production process using a novel hybrid fuzzy clustering-ranking approach coupled with Radial Basis Function (RBF) neural network. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18418-18430.	7.1	23
107	An exergetically-sustainable operational condition of a photo-biohydrogen production system optimized using conventional and innovative fuzzy techniques. <i>Renewable Energy</i> , 2016, 94, 605-618.	8.9	17
108	Sustainability assessment of photobiological hydrogen production using anaerobic bacteria (<i>Rhodospirillum rubrum</i>) via exergy concept: Effect of substrate concentrations. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1166-1176.	2.3	20

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109	<i>Clostridium ljungdahlii</i> for production of biofuel from synthesis gas. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 427-434.	2.3	14
110	Exergy analysis for decision making on operational condition of a continuous photobioreactor for hydrogen production via WGS reaction. International Journal of Hydrogen Energy, 2016, 41, 2354-2366.	7.1	33
111	On the exergetic optimization of continuous photobiological hydrogen production using hybrid ANFIS-NSGA-II (adaptive neuro-fuzzy inference system-non-dominated sorting genetic algorithm-II). Energy, 2016, 96, 507-520.	8.8	26
112	Exergy-based performance analysis of a continuous stirred bioreactor for ethanol and acetate fermentation from syngas via Wood-Ljungdahl pathway. Chemical Engineering Science, 2016, 143, 36-46.	3.8	30
113	Identification of fatty acids through cultivation of <i>Scenedesmus</i> sp. from the Caspian Sea. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 51-58.	2.3	4
114	Simultaneous acid red 27 decolourisation and bioelectricity generation in a (H-type) microbial fuel cell configuration using NAR-2. Environmental Science and Pollution Research, 2016, 23, 3358-3364.	5.3	8
115	Performance analysis of a continuous bioreactor for ethanol and acetate synthesis from syngas via <i>Clostridium ljungdahlii</i> using exergy concept. Clean Technologies and Environmental Policy, 2016, 18, 853-865.	4.1	17
116	Clove oil nanoemulsion as an effective antibacterial agent: Taguchi optimization method. Desalination and Water Treatment, 2016, 57, 18379-18390.	1.0	72
117	Formic Acid and Microwave Assisted Extraction of Curcumin from Turmeric (<i>Curcuma longa</i> L.). International Journal of Engineering, Transactions B: Applications, 2016, 29, .	0.7	3
118	Kinetics and Isotherm Studies of the Immobilized Lipase on Chitosan Support. International Journal of Engineering, Transactions A: Basics, 2016, 29, .	0.4	0
119	Influence of nutrients and LED light intensities on biomass production of microalgae <i>Chlorella vulgaris</i> . Biotechnology and Bioprocess Engineering, 2015, 20, 284-290.	2.6	58
120	Gas and Liquid System (Aeration and Agitation)—This case study was partially written with contributions from: Maedeh Mohammadi, Faculty of Chemical Engineering, Noshirvani University of Technology, Babol, Iran., 2015, , 51-102.		3
121	Membrane Reactor. , 2015, , 453-493.		4
122	Biological Treatment—This case study was partially written with contributions from: Roya Pishgar, School of Civil Engineering, Babol Noshirvani University of Technology, Babol, Mazandaran, Iran., 2015, , 557-595.		1
123	Advanced Downstream Processing in Biotechnology. , 2015, , 495-526.		1
124	Microbial Fuel Cells. , 2015, , 527-555.		2
125	Biofuel Production—This chapter was written with contributions from: Arash Mollahoseini, Biofuel Research Team (BRTeam), Karaj, Iran; Meisam Tabatabaei, Biofuel Research Team (BRTeam), Karaj, Iran and Agricultural Biotechnology Research Institute of Iran (ABRII), Karaj, Iran., 2015, , 597-630.		3
126	Immobilization of Microbial Cells for the Production of Organic Acid and Ethanol. , 2015, , 257-289.		3

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127	Thermodynamic evaluation of a photobioreactor for hydrogen production from syngas via a locally isolated <i>Rhodospseudomonas palustris</i> PT. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 14246-14256.	7.1	23
128	Exergy analysis of biohydrogen production from various carbon sources via anaerobic photosynthetic bacteria (<i>Rhodospirillum rubrum</i>). <i>Energy</i> , 2015, 93, 730-739.	8.8	36
129	Dynamic adsorption of phenolic compounds on activated carbon produced from pulp and paper mill sludge: experimental study and modeling by artificial neural network (ANN). <i>Desalination and Water Treatment</i> , 2015, 55, 1453-1466.	1.0	16
130	Performance of up flow anaerobic sludge fixed film bioreactor for the treatment of high organic load and biogas production of cheese whey wastewater. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 229-237.	0.7	10
131	BIODEMINERALIZATION OF SHRIMP SHELL VIA AEROBIC AND ANAEROBIC CONDITIONS: GROWTH KINETIC STUDIES. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 731-736.	0.6	2
132	Hydrolysis of Sorghum (Broomcorn) in Diluted Hydrochloric Acid. <i>International Journal of Engineering, Transactions B: Applications</i> , 2015, 28, .	0.7	0
133	Kinetic Studies on Fermentative Production of Biofuel from Synthesis Gas Using <i>Clostridium ljungdahlii</i> . <i>Scientific World Journal, The</i> , 2014, 2014, 1-8.	2.1	38
134	An Evaluation of Kinetic Parameters and Mass Transfer Coefficient in the Biodesulfurization of Natural Gas. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2014, 36, 2033-2042.	2.3	1
135	A study on alkali pretreatment conditions of sorghum stem for maximum sugar recovery using statistical approach. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 261-271.	0.7	9
136	EFFECTS OF ORGANIC LOADING RATE AND HYDRAULIC RETENTION TIME ON TREATMENT OF PHENOLIC WASTEWATER IN AN ANAEROBIC IMMOBILIZED FLUIDIZED BED REACTOR. <i>Journal of Environmental Engineering and Landscape Management</i> , 2014, 22, 40-49.	1.0	6
137	Characterization and evaluation of the novel agarose-nickel composite matrix for possible use in expanded bed adsorption of bio-products. <i>Journal of Chromatography A</i> , 2014, 1331, 61-68.	3.7	13
138	Use of artificial neural network for the prediction of bioelectricity production in a membrane less microbial fuel cell. <i>Fuel</i> , 2014, 117, 697-703.	6.4	45
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