

# Bor-Yann Chen

## List of Publications by Year in descending order

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docs citations

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times ranked

3693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergic efficacy of bioenergy expression for compound herbal medicine of Parkinson's disease: The methods of replacement series and concentration addition. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 137, 104208.	5.3	5
2	Synergistic deciphering of bioenergy production and electron transport characteristics to screen traditional Chinese medicine (TCM) for COVID-19 drug development. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 135, 104365.	5.3	13
3	Reaction mechanism of N-(4-hydroxyphenyl)ethanamide electrodegradation via phosphorus-graphene prepared from triphenylphosphine: Generation and destruction of the reactive species. <i>Chemical Engineering Journal</i> , 2021, 403, 126322.	12.7	14
4	A facile synthesis of Ag/Ag <sub>2</sub> O@TiO <sub>2</sub> for toluene degradation under UV-visible light: Effect of Ag formation by partial reduction of Ag <sub>2</sub> O on photocatalyst stability. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 150, 109799.	4.0	20
5	Degradation and biotoxicity of azo dyes using indigenous bacteria-acclimated microbial fuel cells (MFCs). <i>Process Biochemistry</i> , 2021, 102, 59-71.	3.7	35
6	Biodegradation of anthraquinone dyes: Interactive assessment upon biodecolorization, biosorption and biotoxicity using dual-chamber microbial fuel cells (MFCs). <i>Process Biochemistry</i> , 2021, 101, 111-127.	3.7	11
7	Voltammetric Detection of Aqueous Glyphosate on a Copper and Poly(Pyrrole)-electromodified Activated Carbon Fiber. <i>Electroanalysis</i> , 2021, 33, 916-924.	2.9	8
8	Deciphering interactive synergy of electron-transfer characteristics for optimal microbial fuel cell-steered dye decolorization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 129, 80-80.	5.3	3
9	Skin-friendly dressing with alcohols treatment for enhancement of mechanical and biocompatible properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 129, 256-263.	5.3	1
10	Exploring catalytic performance of boron-doped graphene electrode for electrochemical degradation of acetaminophen. <i>Applied Surface Science</i> , 2020, 508, 145111.	6.1	37
11	Deciphering highly resistant characteristics to different pHs of oxygen vacancy-rich Fe <sub>2</sub> Co <sub>1</sub> -LDH/PS system for bisphenol A degradation. <i>Chemical Engineering Journal</i> , 2020, 385, 123620.	12.7	68
12	Exploring community evolutionary characteristics of microbial populations with supplementation of Camellia green tea extracts in microbial fuel cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 113, 214-222.	5.3	11
13	Optimal stimulation of <i>Houttuynia cordata</i> herbal extract as electron shuttle for bioenergy extraction in microbial fuel cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 47-56.	5.3	4
14	Electrolyte-free electro-oxidation of aqueous glyphosate: CuPc-ACF electrode and optimization of operating parameters. <i>Chemical Engineering Research and Design</i> , 2020, 142, 260-271.	5.6	6
15	Deciphering Electron-Shuttling Characteristics of Parkinson's Disease Medicines via Bioenergy Extraction in Microbial Fuel Cells. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 17124-17136.	3.7	11
16	Kinetics of bisphenol a degradation by advanced oxidation processes: Asymptotic approximation of singular perturbation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 109, 90-96.	5.3	8
17	Sulfur doped-graphene for enhanced acetaminophen degradation via electro-catalytic activation: Efficiency and mechanism. <i>Science of the Total Environment</i> , 2020, 715, 136730.	8.0	28
18	Deciphering Electron-Shuttling Characteristics of Neurotransmitters to Stimulate Bioelectricity-Generating Capabilities in Microbial Fuel Cells. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 59-73.	2.9	12

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19	Near-visible-light-driven noble metal-free of reduced graphene oxide nanosheets over CeO <sub>2</sub> nanowires for hydrogen production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 139-151.	5.3	8
20	Revealing microbial mechanism associated with volatile fatty acids production in anaerobic acidogenesis of waste activated sludge enhanced by freezing/thawing pretreatment. <i>Bioresource Technology</i> , 2020, 302, 122869.	9.6	48
21	An Efficient Computational Model for Assessing the Stability Characteristics of Electro-active Natural Bio-resources. <i>Recent Advances in Computer Science and Communications</i> , 2020, 13, 771-780.	0.7	0
22	A novel method for determination of a time period for stabilization of power generation of microbial fuel cell with effect of microorganisms. <i>International Journal of Energy Research</i> , 2019, 43, 5834-5840.	4.5	9
23	Exploring biostimulation of plant hormones and nitrate supplement to effectively enhance biomass growth and lutein production with thermo-tolerant <i>Desmodesmus</i> sp. F51. <i>Bioresource Technology</i> , 2019, 291, 121883.	9.6	9
24	Deciphering electrochemically promising electron-shuttling characteristics of hydrolysable tannin-abundant <i>Galla chinensis</i> for bioenergy generation in microbial fuel cells. <i>Biochemical Engineering Journal</i> , 2019, 151, 107318.	3.6	10
25	Performance assessment of the combined treatment for oxytetracycline antibiotics removal by sonocatalysis and degradation using <i>Pseudomonas aeruginosa</i> . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103215.	6.7	19
26	Deciphering electron-shuttling characteristics of microalgal metabolites upon bioelectricity-generating community in microbial fuel cells. <i>Biochemical Engineering Journal</i> , 2019, 144, 148-156.	3.6	13
27	Experimental and artificial intelligence for determination of stable criteria in cyclic voltammetric process of medicinal herbs for biofuel cells. <i>International Journal of Energy Research</i> , 2019, 43, 5983-5991.	4.5	12
28	Unraveling interactive characteristics of microbial community associated with bioelectric energy production in sludge fermentation fluid-fed microbial fuel cells. <i>Bioresource Technology</i> , 2019, 289, 121652.	9.6	23
29	Deciphering electron-shuttling characteristics of epinephrine and dopamine for bioenergy extraction using microbial fuel cells. <i>Biochemical Engineering Journal</i> , 2019, 148, 57-64.	3.6	17
30	Deciphering optimal biostimulation strategy of supplementing anthocyanin-abundant plant extracts for bioelectricity extraction in microbial fuel cells. <i>Biotechnology for Biofuels</i> , 2019, 12, 46.	6.2	14
31	Exploring the glyphosate-degrading characteristics of a newly isolated, highly adapted indigenous bacterial strain, <i>Providencia rettgeri</i> GDB 1. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 80-87.	2.2	16
32	Polyphenolic compounds as electron shuttles for sustainable energy utilization. <i>Biotechnology for Biofuels</i> , 2019, 12, 271.	6.2	38
33	Deciphering electron-shuttling characteristics of <i>Scutellaria baicalensis</i> Georgi and ingredients for bioelectricity generation in microbial fuel cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 361-373.	5.3	9
34	Oxidation of bisphenol A by persulfate via Fe <sub>3</sub> O <sub>4</sub> -MnO <sub>2</sub> nanoflower-like catalyst: Mechanism and efficiency. <i>Chemical Engineering Journal</i> , 2019, 357, 337-347.	12.7	161
35	Novel inspection of sugar residue and origin in honey based on the <sup>13</sup> C/ <sup>12</sup> C isotopic ratio and protein content. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 175-183.	1.9	23
36	Deciphering acetaminophen electrical catalytic degradation using single-form S doped graphene/Pt/TiO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2018, 343, 662-675.	12.7	59

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37	Exploring optimal supplement strategy of medicinal herbs and tea extracts for bioelectricity generation in microbial fuel cells. <i>Bioresource Technology</i> , 2018, 256, 95-101.	9.6	40
38	Cost-Effective Surface Modification of Carbon Cloth Electrodes for Microbial Fuel Cells by Candle Soot Coating. <i>Coatings</i> , 2018, 8, 468.	2.6	13
39	Application of Artificial Neural Networks for Optimizing Operating Conditions of a Chemical Process. , 2018, , .		0
40	Deciphering synergistic characteristics of redox mediators-stimulated echinenone production of <i>Gordonia terrae</i> TWIH01. <i>Journal of Bioscience and Bioengineering</i> , 2018, 126, 322-329.	2.2	3
41	Deciphering Acetaminophen Degradation Using Novel Microporous Beads Reactor Activate Persulfate Process with Minimum Iron Leachate for Sustainable Treatment. <i>Catalysis Letters</i> , 2018, 148, 2095-2108.	2.6	10
42	Deciphering biostimulation strategy of using medicinal herbs and tea extracts for bioelectricity generation in microbial fuel cells. <i>Energy</i> , 2018, 161, 1042-1054.	8.8	42
43	Abiotic Removal with Adsorption and Photocatalytic Reaction. , 2018, , 213-248.		0
44	Feasibility study on biostimulation of electron transfer characteristics by edible herbs-extracts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 79, 125-133.	5.3	21
45	Comparative assessment of azo dyes and nitroaromatic compounds reduction using indigenous dye-decolorizing bacteria. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 79, 134-140.	5.3	28
46	Feasibility study on biostimulation of dye decolorization and bioelectricity generation by using decolorized metabolites of edible flora-extracts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 79, 141-150.	5.3	16
47	Revealing Pesticide Residues Under High Pesticide Stress in Taiwan's Agricultural Environment Probed by Fresh Honey Bee ( <i>Hymenoptera: Apidae</i> ) Pollen. <i>Journal of Economic Entomology</i> , 2017, 110, 1947-1958.	1.8	14
48	Oxidation of benzalkonium chloride in aqueous solution by $S_2O_8^{2-}/Fe^{2+}$ process: Degradation pathway, and toxicity evaluation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 230-239.	5.3	19
49	Kinetic study of Reactive Black 5 degradation by $Fe^{2+}/S_2O_8^{2-}$ process via interactive model-based response surface methodology. <i>Water Science and Technology</i> , 2017, 76, 1754-1769.	2.5	1
50	Developing sustainable graphene-doped titanium nano tube coated to superparamagnetic nanoparticles for arsenic recovery. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 311-318.	5.3	8
51	Removal of Cr(VI) using polyacrylonitrile/ferrous chloride composite nanofibers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 401-410.	5.3	19
52	Surface modification of carbon cloth anodes for microbial fuel cells using atmospheric-pressure plasma jet processed reduced graphene oxides. <i>RSC Advances</i> , 2017, 7, 56433-56439.	3.6	24
53	Electron transport phenomena of electroactive bacteria in microbial fuel cells: a review of <i>Proteus hauseri</i> . <i>Bioresources and Bioprocessing</i> , 2017, 4, .	4.2	31
54	Toxicity Assessment and Selective Leaching Characteristics of Cu-Al-Ni Shape Memory Alloys in Biomaterials Applications. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, 59-64.	1.6	1

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55	Synthesized TiO <sub>2</sub> /ZSM-5 composites used for the photocatalytic degradation of azo dye: Intermediates, reaction pathway, mechanism and bio-toxicity. <i>Applied Surface Science</i> , 2016, 383, 300-309.	6.1	52
56	Unraveling characteristics of nutrient removal and microbial community in a novel aerated landscape " Activated sludge ecological system. <i>Bioresource Technology</i> , 2016, 212, 280-288.	9.6	5
57	Unveiling optimal modes of operation for microbial fuel cell-aided dye bioremediation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 362-369.	5.3	7
58	Degradation of oxytetracycline using microporous and mesoporous photocatalyst composites: Uniform design to explore factors. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4453-4465.	6.7	27
59	Feasibility study of surface-modified carbon cloth electrodes using atmospheric pressure plasma jets for microbial fuel cells. <i>Journal of Power Sources</i> , 2016, 336, 99-106.	7.8	56
60	Feasibility study of reduction of nitroaromatic compounds using indigenous azo dye-decolorizers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 64, 180-188.	5.3	5
61	Interactive influences of decolorized metabolites on electron-transfer characteristics of microbial fuel cells. <i>Biochemical Engineering Journal</i> , 2016, 109, 297-304.	3.6	17
62	Graphene/TiO <sub>2</sub> /ZSM-5 composites synthesized by mixture design were used for photocatalytic degradation of oxytetracycline under visible light: Mechanism and biotoxicity. <i>Applied Surface Science</i> , 2016, 362, 329-334.	6.1	61
63	Influence of textile dye and decolorized metabolites on microbial fuel cell-assisted bioremediation. <i>Bioresource Technology</i> , 2016, 200, 1033-1038.	9.6	48
64	Insights into copper effect on <i>Proteus hauseri</i> through proteomic and metabolic analyses. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 178-185.	2.2	3
65	Deciphering Electron Shuttles for Bioremediation and Beyond. <i>American Journal of Chemical Engineering</i> , 2016, 4, 114.	0.3	13
66	Toxicity Assessment of Fe-Mn-Al Ternary Alloys Using a Probit Dose-Response Model and an Augmented Simplex Design. <i>Materials Transactions</i> , 2015, 56, 135-139.	1.2	0
67	Pyrosequencing Reveals a Core Community of Anodic Bacterial Biofilms in Bioelectrochemical Systems from China. <i>Frontiers in Microbiology</i> , 2015, 6, 1410.	3.5	40
68	Preparation of Polyacrylonitrile/Ferrous Chloride Composite Nanofibers by Electrospinning for Efficient Reduction of Cr(VI). <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5823-5832.	0.9	14
69	Deciphering Visible Light Photoreductive Conversion of CO <sub>2</sub> to Formic Acid and Methanol Using Waste Prepared Material. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2405-2417.	10.0	31
70	Dose mortality assessment upon toxicity potency of CFBC fly ash to <i>Escherichia coli</i> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 47, 2-5.	5.3	3
71	Impedance fingerprint selection of DHA-producing photoautotrophic microalgae. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 36-41.	5.3	8
72	Deciphering electron-shuttling characteristics of thionine-based textile dyes in microbial fuel cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 51, 63-70.	5.3	25

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73	Exploring the inhibitory characteristics of acid hydrolysates upon butanol fermentation: A toxicological assessment. <i>Bioresource Technology</i> , 2015, 198, 571-576.	9.6	20
74	Deciphering effects of functional groups and electron density on azo dyes degradation by graphene loaded TiO <sub>2</sub> . <i>Applied Surface Science</i> , 2015, 357, 1064-1071.	6.1	24
75	Deciphering synergistic characteristics of microbial fuel cell-assisted dye decolorization. <i>Bioresource Technology</i> , 2015, 196, 746-751.	9.6	23
76	Draft Genome Sequence of the Bioelectricity-Generating and Dye-Decolorizing Bacterium <i>Proteus hauseri</i> Strain ZMd44. <i>Genome Announcements</i> , 2014, 2, .	0.8	2
77	Feasibility study on production of biodegradable polymer and wastewater treatment using <i>Aeromonas</i> strains for materials recycling. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 648-652.	5.3	2
78	Synthesis of pore-expanded mesoporous materials using waste quartz sand and the adsorption effects of methylene blue. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3667-3671.	5.8	19
79	Exploring metal effects and synergistic interactions of ferric stimulation on azo-dye decolorization by new indigenous <i>Acinetobacter guillouiae</i> Ax-9 and <i>Rahnella aquatilis</i> DX2b. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 217-224.	3.4	13
80	Recovery of high-value metals from geothermal sites by biosorption and bioaccumulation. <i>Bioresource Technology</i> , 2014, 160, 182-190.	9.6	86
81	Fixed-bed biosorption of cadmium using immobilized <i>Scenedesmus obliquus</i> CNW-N cells on loofa ( <i>Luffa cylindrica</i> ) sponge. <i>Bioresource Technology</i> , 2014, 160, 175-181.	9.6	44
82	Exploring redox-mediating characteristics of textile dye-bearing microbial fuel cells: thionin and malachite green. <i>Bioresource Technology</i> , 2014, 169, 277-283.	9.6	28
83	Copper Response of <i>Proteus hauseri</i> Based on Proteomic and Genetic Expression and Cell Morphology Analyses. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1057-1072.	2.9	11
84	Metabolite analysis on reductive biodegradation of reactive green 19 in <i>Enterobacter cancerogenus</i> bearing microbial fuel cell (MFC) and non-MFC cultures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 436-443.	5.3	22
85	Deciphering characteristics of bicyclic aromatics " mediators for reductive decolorization and bioelectricity generation. <i>Bioresource Technology</i> , 2014, 163, 280-286.	9.6	36
86	Dose-response Assessment Upon CO <sub>2</sub> Tolerance of Indigenous Microalgal Isolates for Biofuel Production. <i>Energy Procedia</i> , 2014, 61, 1047-1057.	1.8	0
87	Proteomics approach to decipher novel genes and enzymes characterization of a bioelectricity-generating and dye-decolorizing bacterium <i>Proteus hauseri</i> ZMd44. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 8-17.	2.6	10
88	Unveiling characteristics of dye-bearing microbial fuel cells for energy and materials recycling: Redox mediators. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15598-15605.	7.1	53
89	Exploring two-stage fermentation strategy of polyhydroxyalkanoate production using <i>Aeromonas hydrophila</i> . <i>Biochemical Engineering Journal</i> , 2013, 78, 80-84.	3.6	12
90	Deciphering mediating characteristics of decolorized intermediates for reductive decolorization and bioelectricity generation. <i>Bioresource Technology</i> , 2013, 145, 321-325.	9.6	37

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91	Copper ion-stimulated McoA-laccase production and enzyme characterization in <i>Proteus hauseri</i> ZMd44. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 388-393.	2.2	20
92	Deciphering simultaneous bioelectricity generation and reductive decolorization using mixed-culture microbial fuel cells in salty media. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 446-453.	5.3	35
93	Deciphering the effect of salinity on the performance of submerged membrane bioreactor for aquaculture of bacterial community. <i>Desalination</i> , 2013, 316, 23-30.	8.2	64
94	Comparative isocline analysis upon microbial decolorization in immobilized cell bioreactor using biocarriers. <i>Bioresource Technology</i> , 2013, 145, 313-320.	9.6	2
95	Feasibility study of polyhydroxyalkanoate production for materials recycling using naturally occurring pollutant degraders. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 455-458.	5.3	11
96	Feasibility study on polyhydroxybutyrate production of dye-decolorizing bacteria using dye and amine-bearing cultures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 241-245.	5.3	12
97	Kinetic theory of biostimulation for azo dye decolorization using immobilized cell system. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 399-408.	5.3	2
98	Deciphering effects of chemical structure on azo dye decolorization/degradation characteristics: Bacterial vs. photocatalytic method. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 760-766.	5.3	23
99	Toxicity assessment of three-component Fe-Cr-Ni biomedical materials using an augmented simplex design. <i>Materials Science and Engineering C</i> , 2012, 32, 1893-1896.	7.3	6
100	Deciphering butanol inhibition to Clostridial species in acclimatized sludge for improving biobutanol production. <i>Biochemical Engineering Journal</i> , 2012, 69, 100-105.	3.6	18
101	Deciphering simultaneous bioelectricity generation and dye decolorization using <i>Proteus hauseri</i> . <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 502-507.	2.2	30
102	Exploring new strains of dye-decolorizing bacteria. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 508-514.	2.2	22
103	Exploring decolorization and halotolerance characteristics by indigenous acclimatized bacteria: Chemical structure of azo dyes and dose-response assessment. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 816-825.	5.3	30
104	Exploring characteristics of bioelectricity generation and dye decolorization of mixed and pure bacterial cultures from wine-bearing wastewater treatment. <i>Biodegradation</i> , 2011, 22, 321-333.	3.0	17
105	Deciphering azo dye decolorization characteristics by indigenous <i>Proteus hauseri</i> : Chemical structure. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 327-333.	5.3	17
106	Understanding interactive characteristics of bioelectricity generation and reductive decolorization using <i>Proteus hauseri</i> . <i>Bioresource Technology</i> , 2011, 102, 1159-1165.	9.6	46
107	Deciphering cost-effective biostimulation for dye-laden wastewater treatment using immobilized cell system. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 334-340.	5.3	3
108	Assessment upon azo dye decolorization and bioelectricity generation by <i>Proteus hauseri</i> . <i>Bioresource Technology</i> , 2010, 101, 4737-4741.	9.6	113

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109	Exploring power generation of single-chamber microbial fuel cell using mixed and pure cultures. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 606-611.	5.3	21
110	Revealing phenol tolerance of indigenous phenol degraders isolated from Northeast Taiwan. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 636-643.	5.3	7
111	Preliminary screening via dose-response analysis of the antibacterial activities of six Chinese medicinal plant extracts. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 579-584.	5.3	4
112	Feasibility study of simultaneous bioelectricity generation and dye decolorization using naturally occurring decolorizers. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 682-688.	5.3	42
113	Comparative study on characteristics of azo dye decolorization by indigenous decolorizers. Bioresource Technology, 2010, 101, 2651-2656.	9.6	70
114	Exploring Kinetics of Phenol Biodegradation by <i>Cupriavidus taiwanensis</i> 187. International Journal of Molecular Sciences, 2010, 11, 5065-5076.	4.1	9
115	Cost-effective biostimulation strategy for wastewater decolorization using immobilized-cell systems. Bioresource Technology, 2009, 100, 2975-2981.	9.6	19
116	Comparative assessment upon dye removal capability of indigenous bacterial strains from Lanyang Plain in northeast Taiwan. Journal of Hazardous Materials, 2009, 161, 526-533.	12.4	18
117	Toxicity assessment upon augmented biostimulation source to indigenous rhizobium <i>Cupriavidus taiwanensis</i> . Journal of Hazardous Materials, 2009, 163, 143-151.	12.4	1
118	Revealing interactive toxicity of aromatic amines to azo dye decolorizer <i>Aeromonas hydrophila</i> . Journal of Hazardous Materials, 2009, 166, 187-194.	12.4	54
119	Understanding effects of chemical structure on azo dye decolorization characteristics by <i>Aeromonas hydrophila</i> . Journal of Hazardous Materials, 2009, 167, 995-1001.	12.4	143
120	Exploring threshold operation criteria of biostimulation for azo dye decolorization using immobilized cell systems. Bioresource Technology, 2009, 100, 5763-5770.	9.6	21
121	Feasibility study of using montmorillonite for stability enhancement of l-ascorbic acid. Journal of the Taiwan Institute of Chemical Engineers, 2008, 39, 219-226.	1.4	3
122	Revealing azo-dye decolorization of indigenous <i>Aeromonas hydrophila</i> from fountain spring in Northeast Taiwan. Journal of the Taiwan Institute of Chemical Engineers, 2008, 39, 495-501.	1.4	41
123	Exploring effects of chemical structure on azo dye decolorization characteristics by <i>Pseudomonas luteola</i> . Journal of Hazardous Materials, 2008, 154, 703-710.	12.4	66
124	Feasibility study of exponential feeding strategy in fed-batch cultures for phenol degradation using <i>Cupriavidus taiwanensis</i> . Biochemical Engineering Journal, 2008, 41, 175-180.	3.6	12
125	Phenol Degradation and Toxicity Assessment upon Biostimulation to an Indigenous <i>Rhizobium Ralstonia taiwanensis</i> . Biotechnology Progress, 2008, 21, 1085-1092.	2.6	30
126	Characterization of <i>Aeromonas hydrophila</i> and <i>Acinetobacter</i> strains isolated from Northeast Taiwan for degradation of aromatic compounds. Journal of Biotechnology, 2008, 136, S700.	3.8	4

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127	Feasibility assessment upon biostimulation and bioaugmentation for dye-laden wastewater treatment using immobilized cell systems. <i>Journal of Biotechnology</i> , 2008, 136, S700-S701.	3.8	0
128	CYTOTOXIC ASSESSMENT OF L-ASCORBIC ACID/MONTMORILLONITE UPON HUMAN DERMAL FIBROBLASTS IN VITRO: MTT ACTIVITY ASSAY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2008, 20, 337-343.	0.6	1
129	ASSESSMENT UPON CHARACTERISTICS OF CONSTRUCTED L-ASCORBIC ACID/MONTMORILLONITE COMPOSITE. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2007, 19, 145-155.	0.6	1
130	Doseâ€‘mortality assessment on municipal solid waste incinerator (MSWI) ash. <i>Journal of Hazardous Materials</i> , 2007, 139, 19-24.	12.4	14
131	Optimal biostimulation strategy for phenol degradation with indigenous rhizobium <i>Ralstonia taiwanensis</i> . <i>Journal of Hazardous Materials</i> , 2007, 139, 232-237.	12.4	30
132	Comparative study on reaction selectivity of azo dye decolorization by <i>Pseudomonas luteola</i> . <i>Journal of Hazardous Materials</i> , 2007, 141, 842-849.	12.4	112
133	Use of active consortia of constructed ternary bacterial cultures via mixture design for azo-dye decolorization enhancement. <i>Journal of Hazardous Materials</i> , 2007, 145, 404-409.	12.4	11
134	Doseâ€‘mortality assessment upon reuse and recycling of industrial sludge. <i>Journal of Hazardous Materials</i> , 2007, 148, 326-333.	12.4	3
135	Revealing characteristics of mixed consortia for azo dye decolorization: Lotkaâ€‘Volterra model and game theory. <i>Journal of Hazardous Materials</i> , 2007, 149, 508-514.	12.4	15
136	Revealing threshold criteria of biostimulation for dye-laden wastewater treatment using immobilized cell systems. <i>Process Biochemistry</i> , 2007, 42, 158-166.	3.7	14
137	Assessment upon species evolution of mixed consortia for azo dye decolorization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2007, 38, 259-266.	1.4	29
138	An assessment of the toxicity of metals to <i>Pseudomonas aeruginosa</i> PU21 (Rip64). <i>Bioresource Technology</i> , 2006, 97, 1880-1886.	9.6	28
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