

Mehdi Ahmadi

List of PR Articles by Year in descending order

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106

PR articles

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citing authors

#	ARTICLE	IF	PR CITATIONS
1	Photocatalytic degradation of ciprofloxacin by a novel visible light activated Ag ₂ O-AgI/TiO ₂ nanocomposite: Activity, kinetic, mineralization and continuous-flow stability test. International Journal of Environmental Analytical Chemistry, 2022, 104, 4882-4895.	3.3	7
2	Distribution of total petroleum hydrocarbons in superficial sediments of Karun River Basin, southwest of Iran: spatial and seasonal variations, source identification, and ecological risk. International Journal of Environmental Health Research, 2023, 33, 71-82.	2.8	5
3	Hybrid Sono-photocatalytic degradation of Acid Brown 14 Using Persulphate and ZnO Nanoparticles: Feasibility and kinetic Study. International Journal of Environmental Analytical Chemistry, 2022, 102, 4882-4895.	3.3	11
4	Bisphenol A degradation by peroxymonosulfate photo-activation coupled with carbon-based cobalt ferrite nanocomposite: Performance, upgrading synergy and mechanistic pathway. Chemosphere, 2022, 287, 132024.	8.3	107
5	Photocatalytic removal of ciprofloxacin antibiotic from aqueous medium by applying AgI/Ag ₂ O nanocomposite: Activity test, reaction kinetics, and catalyst reusability. Environmental Health Engineering and Management, 2022, 9, 311-318.	1.0	7
6	Characterization of the biosurfactant produced by Pseudomonas aeruginosa strain R4 and its application for remediation pyrene-contaminated soils. Journal of Environmental Health Science & Engineering, 2021, 19, 445-456.	2.5	17
7	Occurrence and distribution of microplastic particles and the concentration of Di 2-ethyl hexyl phthalate (DEHP) in microplastics and wastewater in the wastewater treatment plant. Journal of Environmental Management, 2021, 280, 111851.	8.4	158
8	Relationship between urinary heavy metals with metabolic syndrome and its components in population from Hoveyzeh cohort study: A case-control study in Iran. Journal of Trace Elements in Medicine and Biology, 2021, 66, 126757.	3.1	22
9	On the airborne transmission of SARS-CoV-2 and relationship with indoor conditions at a hospital. Atmospheric Environment, 2021, 261, 118563.	3.8	56
10	The possible oxidative stress and DNA damage induced in Diclofenac-exposed Non-target organisms in the aquatic environment: A systematic review. Ecological Indicators, 2021, 131, 108172.	7.3	42
11	Sonochemical degradation of bisphenol A using persulfate activated by hematite nanoparticles. Water Science and Technology, 2021, 83, 567-579.	2.7	13
12	Hydrogen Peroxide/Zero-Valent Iron/Persulfate Approach for Sunset Yellow Dye Degradation: Operating Parameters and Synergistic Effect. Environmental Processes, 2021, 8, 1533-1548.	3.7	4
13	Improved performance of immobilized TiO ₂ under visible light for the commercial surfactant degradation: Role of carbon doped TiO ₂ and anatase/rutile ratio. Catalysis Today, 2020, 348, 277-289.	4.7	51
14	Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1204-1222.	52.8	14,885
15	Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1223-1249.	52.8	7,491
16	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17. The Lancet Global Health, 2020, 8, e1162-e1185.	14.0	143
17	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate Pseudomonas balearica strain Z8. Journal of Environmental Health Science & Engineering, 2020, 18, 531-539.	2.5	21
18	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 1779-1801.	52.8	107

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19	Optimization and genetic programming modeling of humic acid adsorption onto prepared activated carbon and modified by multi-wall carbon nanotubes. <i>Polyhedron</i> , 2020, 179, 114354.	2.4	24
20	Biodegradation of total petroleum hydrocarbons in contaminated soils using indigenous bacterial consortium. <i>Environmental Health Engineering and Management</i> , 2020, 7, 127-133.	1.0	4
21	Remediation of PAHs contaminated soil using a sequence of soil washing with biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain PF2 and electrokinetic oxidation of desorbed solution, effect of electrode modification with Fe ₃ O ₄ nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 379, 120839.	12.5	80
22	Development of salt-tolerant microbial consortium during the treatment of saline bisphenol A-containing wastewater: Removal mechanisms and microbial characterization. <i>Journal of Water Process Engineering</i> , 2019, 32, 100949.	6.2	20
23	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	38.7	226
24	Distribution and health risk assessment of organochlorine pesticides in agricultural soils of the Aghili plain, Southwest Iran. <i>Environmental Earth Sciences</i> , 2019, 78, .	2.6	18
25	Geochemical determination and pollution assessment of heavy metals in agricultural soils of south western of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 657-669.	2.5	43
26	Metal(loid)s urinary level among workers of gas refinery and petrochemical companies: Health risk assessment of metal(loid)s in drinking water and dust. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 183-190.	3.1	27
27	Efficient treatment of saline recalcitrant petrochemical wastewater using heterogeneous UV-assisted sono-Fenton process. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 25-36.	9.0	103
28	Magnetic titanium/carbon nanotube nanocomposite catalyst for oxidative degradation of Bisphenol A from high saline polycarbonate plant effluent using catalytic wet peroxide oxidation. <i>Chemical Engineering Journal</i> , 2019, 370, 372-386.	12.0	63
29	Adsorption of textile dye in activated carbons prepared from DVD and CD wastes modified with multi-wall carbon nanotubes: Equilibrium isotherms, kinetics and thermodynamic study. <i>Chemical Engineering Research and Design</i> , 2019, 141, 290-301.	6.3	60
30	Organic dye degradation through peroxymonosulfate catalyzed by reusable graphite felt/ferriferrous oxide: Mechanism and identification of intermediates. <i>Materials Research Bulletin</i> , 2019, 111, 43-52.	5.4	133
31	Biodegradation of high saline petrochemical wastewater by novel isolated halotolerant bacterial strains using integrated powder activated carbon/activated sludge bioreactor. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, .	2.3	13
32	Oxidative degradation of furfural using synthesized copper activated persulfate in aqueous solution, intermediates identification and artificial neural network modeling. <i>Desalination and Water Treatment</i> , 2019, 148, 128-140.	0.9	1
33	Occurrence, distribution, and potential sources of antibiotics pollution in the water-sediment of the northern coastline of the Persian Gulf, Iran. <i>Science of the Total Environment</i> , 2018, 627, 703-712.	8.4	200
34	The performance study on ultrasonic/Fe ₃ O ₄ /H ₂ O ₂ for degradation of azo dye and real textile wastewater treatment. <i>Journal of Molecular Liquids</i> , 2018, 256, 462-470.	5.1	153
35	The visible-light photodegradation of nonylphenol in the presence of carbon-doped TiO ₂ with rutile/anatase ratio coated on GAC: Effect of parameters and degradation mechanism. <i>Journal of Hazardous Materials</i> , 2018, 350, 108-120.	12.5	95
36	The possible DNA damage induced by environmental organic compounds: The case of Nonylphenol. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 171-181.	6.2	45

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37	Taguchi optimization approach for metronidazole removal from aqueous solutions by using graphene oxide functionalized β -cyclodextrin/Ag nanocomposite. <i>Water Science and Technology</i> , 2018, 2017, 36-47.	2.7	6
38	Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1684-1735.	52.8	911
39	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1736-1788.	52.8	6,542
40	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1923-1994.	52.8	4,187
41	Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1995-2051.	52.8	386
42	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1789-1858.	52.8	11,367
43	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 2091-2138.	52.8	428
44	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2018, 392, 1859-1922.	52.8	2,721
45	Removal of vanadium and palladium ions by adsorption onto magnetic chitosan nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34262-34276.	4.4	98
46	Enhanced degradation of Bisphenol A from high saline polycarbonate plant wastewater using wet air oxidation. <i>Chemical Engineering Research and Design</i> , 2018, 120, 321-330.	6.3	48
47	Degradation of organic pollutants by photoelectro-peroxone/ZVI process: Synergistic, kinetic and feasibility studies. <i>Journal of Environmental Management</i> , 2018, 228, 32-39.	8.4	103
48	Biotreatment of Total Petroleum Hydrocarbons from an oily Sludge Using Co-Composting Approach. <i>Soil and Sediment Contamination</i> , 2018, 27, 524-537.	1.9	18
49	Photocatalytic activation of peroxymonosulfate by TiO ₂ anchored on copper ferrite (TiO ₂ @CuFe ₂ O ₄) into 2,4-D degradation: Process feasibility, mechanism and pathway. <i>Journal of Hazardous Materials</i> , 2018, 359, 325-337.	12.5	344
50	Enhancement the conditioning of waste activated sludge through a sequence of freeze/thaw-electro-Fenton process. <i>Polish Journal of Chemical Technology</i> , 2018, 20, 47-53.	0.7	3
51	Effectiveness of extracorporeal shockwave therapy for chronic Achilles tendinopathy: A randomized clinical trial. <i>Journal of Research in Medical Sciences</i> , 2018, 23, 37.	1.1	25
52	Efficient adsorption of cobalt on chemical modified activated carbon: characterization, optimization and modeling studies. <i>Desalination and Water Treatment</i> , 2018, 111, 310-321.	0.9	62
53	Adsorptive removal of Pb(II), Ni(II), and Cd(II) from aqueous media and leather wastewater using <i>Padinasanctae-crucis</i> biomass. <i>Desalination and Water Treatment</i> , 2018, 135, 236-246.	0.9	23
54	A novel salt-tolerant bacterial consortium for biodegradation of saline and recalcitrant petrochemical wastewater. <i>Journal of Environmental Management</i> , 2017, 191, 198-208.	8.4	92

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55	Estimation of anthropogenic mercury emission from various sources in Iran. <i>Toxin Reviews</i> , 2017, 36, 52-56.	3.0	3
56	Synthesis of chitosan zero-valent iron nanoparticles-supported for cadmium removal: characterization, optimization and modeling approach. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 116-130.	1.2	96
57	Removal of benzotriazole by Photo-Fenton like process using nano zero-valent iron: response surface methodology with a Box-Behnken design. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 104-112.	0.7	44
58	Efficient degradation of 2,4-dichlorophenoxyacetic acid by peroxymonosulfate/magnetic copper ferrite nanoparticles/ozone: A novel combination of advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2017, 320, 436-447.	12.0	307
59	Oxidative degradation of aniline and benzotriazole over PAC@FeIIFe2IIIIO4: A recyclable catalyst in a heterogeneous photo-Fenton-like system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 336, 42-53.	4.3	71
60	Catalytic ozonation of high saline petrochemical wastewater using PAC@Fe II Fe 2 III O 4 : Optimization, mechanisms and biodegradability studies. <i>Separation and Purification Technology</i> , 2017, 177, 293-303.	8.8	126
61	Thermally activated persulfate treatment and mineralization of a recalcitrant high TDS petrochemical wastewater. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 72-77.	0.7	13
62	Development of maghemite nanoparticles supported on cross-linked chitosan ($\text{Fe}_3\text{O}_4/\text{CS}$) as a recoverable mesoporous magnetic composite for effective heavy metals removal. <i>Journal of Molecular Liquids</i> , 2017, 248, 184-196.	5.1	95
63	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. <i>Soil and Sediment Contamination</i> , 2017, 26, 538-557.	1.9	39
64	Electrokinetic treatment of high saline petrochemical wastewater: Evaluation and scale-up. <i>Journal of Environmental Management</i> , 2017, 204, 221-229.	8.4	52
65	A novel combination of oxidative degradation for benzotriazole removal using TiO ₂ loaded on FeIIFe2IIIIO4@C as an efficient activator of peroxymonosulfate. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 216-230.	20.5	200
66	UV-LEDs assisted peroxymonosulfate/Fe ²⁺ for oxidative removal of carmoisine: The effect of chloride ion. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2154-2161.	3.0	75
67	Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO ₂ nano-composite. <i>Journal of Environmental Management</i> , 2017, 186, 55-63.	8.4	409
68	Phytoremediation of Total Petroleum Hydrocarbons From Highly Saline and Clay Soil Using <i>Sorghum halepense</i> (L.) Pers. and <i>Aeluropus littoralis</i> (Guna) Parl. <i>Soil and Sediment Contamination</i> , 2017, 26, 127-140.	1.9	14
69	Fenton-like catalytic oxidation of tetracycline by AC@Fe ₃ O ₄ as a heterogeneous persulfate activator: Adsorption and degradation studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 323-333.	5.8	270
70	Efficient integrated processes for pulp and paper wastewater treatment and phytotoxicity reduction: Permanganate, electro-Fenton and Co ₃ O ₄ /UV/peroxymonosulfate. <i>Chemical Engineering Journal</i> , 2017, 308, 142-150.	12.0	103
71	Catalytic degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) by nano-Fe ₂ O ₃ activated peroxymonosulfate: Influential factors and mechanism determination. <i>Chemosphere</i> , 2017, 169, 568-576.	8.3	199
72	Sono-assisted adsorption of a textile dye on milk vetch-derived charcoal supported by silica nanopowder. <i>Journal of Environmental Management</i> , 2017, 187, 111-121.	8.4	64

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73	Enhancement of the Bioremediation of Pyrene-Contaminated Soils Using a Hematite Nanoparticle-based Modified Fenton Oxidation in a Sequenced Approach. <i>Soil and Sediment Contamination</i> , 2017, 26, 141-156.	1.9	35
74	Urinary arsenic, cadmium, manganese, nickel, and vanadium levels of schoolchildren in the vicinity of the industrialised area of Asaluyeh, Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23498-23507.	4.4	36
75	Evaluation of spatial and temporal variation in Karun River water quality during five decades (1968-2014). <i>Environmental Quality Management</i> , 2017, 27, 71-75.	1.5	8
76	Recent Overview of Solar Photocatalysis and Solar Photo-Fenton Processes for Wastewater Treatment. <i>International Journal of Photoenergy</i> , 2017, 2017, 1-27.	2.4	96
77	Kinetic studies on the removal of phenol by MBBR from saline wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, .	2.5	15
78	Combination of UVC-LEDs and ultrasound for peroxymonosulfate activation to degrade synthetic dye: influence of promotional and inhibitory agents and application for real wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 25, 6003-6014.	4.4	129
79	Removal of nitrate from aqueous solution using activated carbon modified with Fenton reagents. <i>Desalination and Water Treatment</i> , 2017, 76, 265-275.	0.9	40
80	EFFECT OF PRETREATMENT ON <i>Ceratophyllum demersum</i> FOR ENHANCED BIOSORPTION OF Cr(VI) AND Cd(II). <i>Environmental Engineering and Management Journal</i> , 2017, 16, 459-469.	0.6	2
81	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. <i>Journal of Environmental Management</i> , 2016, 177, 111-118.	8.4	180
82	A novel catalytic process for degradation of bisphenol A from aqueous solutions: A synergistic effect of nano-Fe ₃ O ₄ @Alg-Fe on O ₃ /H ₂ O ₂ . <i>Chemical Engineering Research and Design</i> , 2016, 104, 413-421.	6.3	53
83	Optimizing COD removal from greywater by photoelectro-persulfate process using Box-Behnken design: assessment of effluent quality and electrical energy consumption. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19350-19361.	4.4	77
84	Physico-chemical study of dew melon peel biochar for chromium attenuation from simulated and actual wastewaters. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2589-2601.	3.0	66
85	Photoperoxi-coagulation using activated carbon fiber cathode as an efficient method for benzotriazole removal from aqueous solutions: Modeling, optimization and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 322-323, 85-94.	4.3	57
86	Adsorption of chromium(VI) from saline wastewater using spent tea-supported magnetite nanoparticle. <i>Desalination and Water Treatment</i> , 2016, 57, 12244-12256.	0.9	14
87	Determination of nickel and thallium concentration in <i>Cynoglossus arel</i> fish in Musa estuary, Persian Gulf, Iran. <i>Environmental Science and Pollution Research</i> , 2016, 24, 2936-2945.	4.4	18
88	KINETIC AND EQUILIBRIUM STUDIES ON NITRATE ADSORPTION FROM AQUEOUS SOLUTION BY LEWATIT FO 36. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 733-740.	0.6	7
89	Photocatalysis assisted by peroxymonosulfate and persulfate for benzotriazole degradation: effect of pH on sulfate and hydroxyl radicals. <i>Water Science and Technology</i> , 2015, 72, 2095-2102.	2.7	104
90	Synthesis, performance, and nonlinear modeling of modified nano-sized magnetite for removal of Cr(VI) from aqueous solutions. <i>Desalination and Water Treatment</i> , 2015, 53, 768-777.	0.9	32

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91	Efficient Degradation of a Biorecalcitrant Pollutant from Wastewater Using a Fluidized Catalyst-Bed Reactor. <i>Chemical Engineering Communications</i> , 2015, 202, 1118-1129.	2.4	24
92	Determination of mercury and vanadium concentration in <i>Johnius belangerii</i> (C) fish in Musa estuary in Persian Gulf. <i>Marine Pollution Bulletin</i> , 2015, 97, 499-505.	5.0	33
93	Trihalomethanes formation in Iranian water supply systems: predicting and modeling. <i>Journal of Water and Health</i> , 2015, 13, 859-869.	2.5	12
94	Sludge characterization of an industrial water treatment plant, Iran. <i>Desalination and Water Treatment</i> , 2014, 52, 5306-5316.	0.9	4
95	The formation potential of haloacetonitriles in the Dez River water, Iran. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2347-2355.	2.4	10
96	REMOVAL OF As(III) AND As(V) FROM AQUEOUS SOLUTION USING MODIFIED SOLID WASTE VEGETABLE OIL INDUSTRY AS A NATURAL ADSORBENT. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 369-377.	0.6	10
97	BIOSORPTION OF CADMIUM (II) FROM AQUEOUS SOLUTION BY NaCl-TREATED <i>Ceratophyllum demersum</i> . <i>Environmental Engineering and Management Journal</i> , 2014, 13, 763-773.	0.6	6
98	Cr (VI) adsorption from aqueous solution using a surfactant-modified Iranian zeolite: characterization, optimization, and kinetic approach. <i>Desalination and Water Treatment</i> , 2013, 51, 6009-6020.	0.9	59
99	BIOSORPTION STUDIES ON NaCl-MODIFIED CERATOPHYLLUM DEMERSUM: REMOVAL OF TOXIC CHROMIUM FROM AQUEOUS SOLUTION. <i>Chemical Engineering Communications</i> , 2013, 200, 1394-1413.	2.4	11
100	Factorial experimental design application in modification of volcanic ash as a natural adsorbent with Fenton process for arsenic removal. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 159-165.	2.4	35
101	Predicting Fenton modification of solid waste vegetable oil industry for arsenic removal using artificial neural networks. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 873-878.	5.7	24
102	Treatment of phenol-formaldehyde resin manufacturing wastewater by the electrocoagulation process. <i>Desalination and Water Treatment</i> , 2012, 39, 176-181.	0.9	24
103	Upgrading of Kish Island Markazi wastewater treatment plant by MBBR. <i>Journal of Water Reuse and Desalination</i> , 2011, 1, 243-249.	1.2	10
104	Application of LECA modified with Fenton in arsenite and arsenate removal as an adsorbent. <i>Desalination</i> , 2011, 272, 212-217.	9.4	29
105	ADSORPTION OF Pb (II) FROM AQUEOUS SOLUTION ONTO LEWATIT FO36 NANO RESIN: EQUILIBRIUM AND KINETIC STUDIES. <i>Environmental Engineering and Management Journal</i> , 2011, 10, 1579-1587.	0.6	12
106	Treatment of phenol-formaldehyde resin manufacturing wastewater by the electrocoagulation process. , 0, 39, 176-181.		8