Latifa Bousselmi

List of Publications by Year
in descending order

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134 papers	2,948 citations	172207 29 h-index	223531 46 g-index
135 all docs	135 docs citations	135 times ranked	3042 citing authors

#	Article	IF	Citations
1	Enhanced protection of hybrid polyetherimide-ZnO or CuO bilayer composite coatings against mild steel corrosion in chloride media. Progress in Organic Coatings, 2022, 163, 106602.	1.9	10
2	Development of a Continuous Photo-catalytic/Ozonation System: Application on Amido Black Removal from Water. Ozone: Science and Engineering, 2022, 44, 545-565.	1.4	1
3	Use of bacteriophage to inactivate pathogenic bacteria from wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, 57, 111-116.	0.9	2
4	Efficient treatment for tannery wastewater through sequential electro-Fenton and electrocoagulation processes. Journal of Environmental Chemical Engineering, 2022, 10, 107424.	3.3	14
5	The application of phage reactivation capacity to sens bacterial viability and activity after photocatalytic treatment. Environmental Technology (United Kingdom), 2021, 42, 1-9.	1.2	6
6	Effect of photocatalysis (TiO₂/UV_A) on the inactivation and inhibition ofPseudomonas aeruginosavirulence factors expression. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		11
7	Monitoring of methylene blue monomers and dimers to control the bacterialogical water quality including application to photocatalysis. Environmental Science and Pollution Research, 2021, 28, 15819-15827.	2.7	1
8	Characterization of polyoxometalate/polymer photoâ€composites: A toolbox for the photodegradation of organic pollutants. Journal of Polymer Science, 2021, 59, 153-169.	2.0	11
9	Optimization of coagulationâ€“flocculation process in the treatment of surface water for a maximum dissolved organic matter removal using RSM approach. Water Science and Technology: Water Supply, 2021, 21, 3042-3056.	1.0	10
10	Polyoxometalate<scp>s</scp>/polymer composites for the photodegradation of <scp>bisphenolâ€A</scp>. Journal of Applied Polymer Science, 2021, 138, 50864.	1.3	21
11	Optimization of a cationic dye desorption from a loaded-lignocellulosic biomass: factorial design experiments and investigation of mechanisms. Comptes Rendus Chimie, 2021, 24, 71-84.	0.2	7
12	New hybrid MOF/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 154, 110560.	2.6	43
13	Effect of electrode shape and deposition technique on electrochemical treatment of ampicillin in water. Environmental Technology and Innovation, 2021, 23, 101709.	3.0	3
14	New hybrid perovskites/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 157, 110641.	2.6	29
15	New Hybrid Feâ€based MOFs/Polymer Composites for the Photodegradation of Organic Dyes. ChemistrySelect, 2021, 6, 8120-8132.	0.7	23
16	LED and solar photodecomposition of erythrosine B and rose Bengal using H3PMo12O40/polymer photocatalyst. European Polymer Journal, 2021, 159, 110743.	2.6	19
17	Performance improvement of the photocatalytic process for the degradation of pharmaceutical compounds using new POM/polymer photocatalysts. Journal of Environmental Chemical Engineering, 2021, 9, 106015.	3.3	30
18	Enhancement of Eu and Ce doped TiO2 thin films photoactivity: Application on Amido Black photodegradation. Inorganic Chemistry Communication, 2021, 133, 108912.	1.8	14

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19	Photoelectrochemical properties of WO3-modified anatase TiO2 photoanodes and application for dye-sensitized solar cells. Surfaces and Interfaces, 2021, 27, 101543.	1.5	4
20	Slaughterhouse Wastewater Treatment: A Review on Recycling and Reuse Possibilities. Water (Switzerland), 2021, 13, 3175.	1.2	13
21	Life cycle assessment of a decentralized greywater treatment alternative for non-potable reuse application. International Journal of Environmental Science and Technology, 2020, 17, 433-444.	1.8	14
22	Microbiologically influenced corrosion mechanism of 304L stainless steel in treated urban wastewater and protective effect of silane-TiO2 coating. Bioelectrochemistry, 2020, 132, 107413.	2.4	22
23	Combined electrocoagulation and electrochemical treatment on BDD electrodes for simultaneous removal of nitrates and phosphates. Journal of Environmental Chemical Engineering, 2020, 8, 104509.	3.3	21
24	Characterization of the biofilm grown on 304L stainless steel in urban wastewaters: extracellular polymeric substances (EPS) and bacterial consortia. Biofouling, 2020, 36, 977-989.	0.8	7
25	Modelling, Analysis, and Optimization of the Effects of Pulsed Electrophoretic Deposition Parameters on TiO2 Films Properties Using Desirability Optimization Methodology. Materials, 2020, 13, 5160.	1.3	3
26	Use of the catalytic complex TiO2/red cabbage anthocyanins to reduce the biofilm formation by planktonic bacteria. Environmental Technology (United Kingdom), 2020, 42, 1-9.	1.2	2
27	Investigations on biofilm forming bacteria involved in biocorrosion of carbon steel immerged in real wastewaters. International Biodeterioration and Biodegradation, 2020, 150, 104960.	1.9	12
28	Application of direct contact membrane distillation for saline dairy effluent treatment: performance and fouling analysis. Environmental Science and Pollution Research, 2019, 26, 18979-18992.	2.7	27
29	Comparative study of Gram-negative bacteria response to solar photocatalytic inactivation. Environmental Science and Pollution Research, 2019, 26, 18961-18970.	2.7	11
30	Process optimization via response surface methodology in the physico-chemical treatment of vegetable oil refinery wastewater. Environmental Science and Pollution Research, 2019, 26, 18993-19011.	2.7	36
31	Detection of active pathogenic bacteria under stress conditions using lytic and specific phage. Water Science and Technology, 2019, 80, 282-289.	1.2	11
32	Enhancement of rhizocompetence in pathogenic bacteria removal of a constructed wetland system. Water Science and Technology, 2019, 79, 251-259.	1.2	5
33	New hybrid polyoxometalate/polymer composites for photodegradation of eosin dye. Journal of Polymer Science Part A, 2019, 57, 1538-1549.	2.5	26
34	A re-circulating horizontal flow constructed wetland for the treatment of synthetic azo dye at high concentrations. Environmental Science and Pollution Research, 2019, 26, 13489-13501.	2.7	10
35	Investigating the biocorrosion mechanism of 304L stainless steel in raw and treated urban wastewaters. Engineering Failure Analysis, 2019, 101, 342-356.	1.8	13
36	Comparative study of electrochemical hybrid systems for the treatment of real wastewaters from agri-food activities. Science of the Total Environment, 2019, 647, 1651-1664.	3.9	38

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37	Investigations on a dye desorption from modified biomass by using a low-cost eluent: hysteresis and mechanisms exploration. International Journal of Environmental Science and Technology, 2019, 16, 7393-7408.	1.8	10
38	Steady-state modeling of the biodegradation performance of a multistage moving bed biofilm reactor (MBBR) used for on-site greywater treatment. Environmental Science and Pollution Research, 2019, 26, 19047-19062.	2.7	10
39	Highly efficient modified lead oxide electrode using a spin coating/electrodeposition mode on titanium for electrochemical treatment of pharmaceutical pollutant. Chemosphere, 2019, 221, 356-365.	4.2	22
40	Effect of coating method on the structure and properties of a novel PbO2 anode for electrochemical oxidation of Amaranth dye. Chemosphere, 2019, 217, 26-34.	4.2	55
41	A comparative study on ozone, hydrogen peroxide and UV based advanced oxidation processes for efficient removal of diethyl phthalate in water. Journal of Hazardous Materials, 2019, 363, 401-411.	6.5	73
42	Discoloration of simulated textile effluent in continuous photoreactor using immobilized titanium dioxide: Effect of zinc and sodium chloride. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 111-120.	2.0	39
43	Application of Bacteriophage and Essential Oil to Monitor Bacterial Biofilm Formation. Advances in Science, Technology and Innovation, 2018, , 273-274.	0.2	0
44	Static Studies on Cationic Dye Desorption Efficiencies from Chemically Modified Orange Tree Sawdust: Experimental Results and Mechanisms Investigations. Advances in Science, Technology and Innovation, 2018, , 227-230.	0.2	0
45	Electrocoagulation Process for Simultaneous Nitrate and Phosphate Removal Using Parallel Iron Plates in the Presence of Organic Pollutant: Optimization, Kinetic Study and Energy Consumption Evaluation. Advances in Science, Technology and Innovation, 2018, , 125-127.	0.2	0
46	Adhesion behavior of hydrophilic TiO₂ films. Materials Research Innovations, 2018, 22, 261-266.	1.0	4
47	Preparation and characterization of photocatalytic TiO2 films on functionalized stainless steel. Journal of Materials Science, 2018, 53, 3341-3363.	1.7	15
48	Preparation and characterization of photocatalytic TiO2/WO3 films on functionalized stainless steel. Journal of Materials Science: Materials in Electronics, 2018, 29, 19909-19922.	1.1	5
49	Direct contact membrane distillation applied to saline wastewater: parameter optimization. Water Science and Technology, 2018, 77, 2823-2833.	1.2	9
50	Dynamic investigations on cationic dye desorption from chemically modified lignocellulosic material using a low-cost eluent: Dye recovery and anodic oxidation efficiencies of the desorbed solutions. Journal of Cleaner Production, 2018, 201, 28-38.	4.6	38
51	Alkaline-treated sawdust as an effective material for cationic dye removal from textile effluents under dynamic conditions: breakthrough curve prediction and mechanism exploration. Environmental Science and Pollution Research, 2017, 24, 18240-18256.	2.7	32
52	Optimization of a cationic dye removal by a chemically modified agriculture by-product using response surface methodology: biomasses characterization and adsorption properties. Environmental Science and Pollution Research, 2017, 24, 9831-9846.	2.7	65
53	Nitrate and carbon matter removals from real effluents using Si/BDD electrode. Environmental Science and Pollution Research, 2017, 24, 9895-9906.	2.7	47
54	Electrophoretic deposition of titanium dioxide films on copper in aqueous media. Water Science and Technology, 2016, 74, 424-430.	1.2	12

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55	The hydropolitical challenges of domestic water conservation. Palestine and Tunisia case studies. International Review of Sociology, 2016, 26, 276-294.	0.7	1
56	Role of SiO interlayer in the electrochemical degradation of Amaranth dye using SS/PbO anodes. Materials and Design, 2016, 110, 633-643.	3.3	26
57	Enhancing removal of nitrates from highly concentrated synthetic wastewaters using bipolar Si/BDD cell: Optimization and mechanism study. Journal of Electroanalytical Chemistry, 2016, 783, 28-40.	1.9	22
58	Optimization of a cationic dye adsorption onto a chemically modified agriculture by-product using response surface methodology. , 2016, , .		3
59	Application of bioinoculation to enhance rhizocompetence of horizontal subsurface flow constructed wetland system. Desalination and Water Treatment, 2016, 57, 22133-22139.	1.0	5
60	Electrochemical degradation of dye on lead dioxide electrodeposited on stainless steel: effect of cyclic voltammetry parameters. Desalination and Water Treatment, 2016, 57, 22120-22132.	1.0	12
61	Chemical treatment of orange tree sawdust for a cationic dye enhancement removal from aqueous solutions: kinetic, equilibrium and thermodynamic studies. Desalination and Water Treatment, 2016, 57, 22107-22119.	1.0	39
62	Interface behavior of PbO₂on pure lead and stainless steel as anode for dye degradation. Desalination and Water Treatment, 2016, 57, 16161-16176.	1.0	11
63	The role of lanthanum in the enhancement of photocatalytic properties of TiO2 nanomaterials obtained by calcination of hydrogenotitanate nanotubes. Applied Catalysis B: Environmental, 2016, 181, 651-660.	10.8	56
64	TiO2 Photoanodes Developed by Cathodic Electrophoretic Deposition in Aqueous Media: Effect of the Applied Voltage. Journal of Advanced Oxidation Technologies, 2016, 19, .	0.5	0
65	A new approach for local waste water management sanitation case study of rural school (Chorfech) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	2
66	Catalysed ozonation for removal of an endocrine-disrupting compound using the O₃/Fenton reagents system. Environmental Technology (United Kingdom), 2015, 36, 1721-1730.	1.2	22
67	Enhancement of methylene blue removal by anodic oxidation using BDD electrode combined with adsorption onto sawdust. Comptes Rendus Chimie, 2015, 18, 110-120.	0.2	50
68	Anodic oxidation of textile wastewaters on boron-doped diamond electrodes. Environmental Technology (United Kingdom), 2015, 36, 3201-3209.	1.2	14
69	Photocatalytic activity of Cr-doped TiO2 nanoparticles deposited on porous multicrystalline silicon films. Nanoscale Research Letters, 2014, 9, 543.	3.1	31
70	Cr-Doped TiO₂ Thin Films Prepared by Means of a Magnetron Co-Sputtering Process: Photocatalytic Application. American Journal of Analytical Chemistry, 2014, 05, 473-482.	0.3	28
71	Comparative anodic oxidation on boron-doped diamond electrode of two different dyes: separately and mixed. Desalination and Water Treatment, 2014, 52, 1735-1744.	1.0	5
72	Powdered marble wastes reuse as a low-cost material for phosphorus removal from aqueous solutions under dynamic conditions. Desalination and Water Treatment, 2014, 52, 1705-1715.	1.0	11

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73	Corrosion behavior of carbon steel coated with magnesium electrodeposited from methyl magnesium chloride solution. Journal of Coatings Technology Research, 2013, 10, 277-284.	1.2	3
74	Water treatment for color and COD removal by electrochemical oxidation on boron-doped diamond anode. Arabian Journal of Geosciences, 2013, 6, 5033-5041.	0.6	9
75	Evaluation of the inhibitive effect of benzotriazole on archeological bronze in acidic medium. Applied Physics A: Materials Science and Processing, 2013, 113, 923-931.	1.1	13
76	Evaluation of the efficiency of monopolar and bipolar BDD electrodes for electrochemical oxidation of anthraquinone textile synthetic effluent for reuse. Chemosphere, 2013, 93, 1309-1316.	4.2	50
77	Evaluation and optimization of textile synthetic effluent discoloration using anodic oxidation on BDD electrode: application of the experimental design methodology. Desalination and Water Treatment, 2013, 51, 3428-3437.	1.0	12
78	Titania Surface Modification with Cerium Species for Wastewater Treatment. Catalysis Letters, 2013, 143, 723-731.	1.4	3
79	Effect of the anodization voltage on the dimensions and photoactivity of titania nanotubes arrays. Surface and Interface Analysis, 2013, 45, 1751-1759.	0.8	16
80	Heterogeneous catalytic ozonation of diethyl phthalate. Desalination and Water Treatment, 2013, 51, 6698-6710.	1.0	15
81	Chloride ions as an agent promoting the oxidation of synthetic dyestuff on BDD electrode. Desalination and Water Treatment, 2012, 46, 171-181.	1.0	21
82	TiO2-ITO and TiO2-ZnO nanocomposites: application on water treatment. EPJ Web of Conferences, 2012, 29, 00015.	0.1	7
83	Synthesis and characterization of Fe3+ doped TiO2 nanoparticles and films and their performance for photocurrent response under UV illumination. Journal of Alloys and Compounds, 2012, 541, 421-427.	2.8	69
84	Adsorption of corrosion inhibitors (SA, HEDP) using EQCM: chloride effect and synergic behavior. Journal of Materials Science, 2012, 47, 8085-8093.	1.7	4
85	Degradation of diethyl phthalate (DEP) in aqueous solution using TiO₂/UV process. Desalination and Water Treatment, 2012, 40, 63-68.	1.0	15
86	Photocatalytic behavior of WO3-loaded TiO2 systems in the oxidation of salicylic acid. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 314-322.	2.0	35
87	Influence of geometric and electronic characteristics of TiO2 electrodes with nanotubular array on their photocatalytic efficiencies. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 224, 71-79.	2.0	21
88	Nucleation-growth process of calcium carbonate electrodeposition in artificial waterâ€"Influence of the sulfate ions. Journal of Crystal Growth, 2011, 320, 69-77.	0.7	17
89	Adsorption characteristics of phosphorus from aqueous solutions onto phosphate mine wastes. Chemical Engineering Journal, 2011, 169, 157-165.	6.6	64
90	XPS characterization and corrosion resistance of cerium-treated magnesium coatings. Rare Metals, 2011, 30, 368-373.	3.6	20

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91	Constructed wetland as a low cost and sustainable solution for wastewater treatment adapted to rural settlements: the Chorfech wastewater treatment pilot plant. Water Science and Technology, 2011, 63, 3006-3012.	1.2	48
92	Photoelectrocatalytic activity for water treatment of TiO2/Ti electrodes prepared by anodization. Water Science and Technology: Water Supply, 2010, 10, 869-876.	1.0	1
93	Effect of adsorption on the photocatalysis performance of anthraquinone dye. Water Science and Technology, 2010, 61, 2539-2548.	1.2	9
94	The inhibition effect of two commercial compounds on interface steel/natural softened water. Surface Engineering and Applied Electrochemistry, 2010, 46, 452-461.	0.3	0
95	Bronze degradation processes in simulating archaeological soil media. Journal of Solid State Electrochemistry, 2010, 14, 393-401.	1.2	12
96	Phosphate mine wastes reuse for phosphorus removal from aqueous solutions under dynamic conditions. Journal of Hazardous Materials, 2010, 184, 226-233.	6.5	38
97	Understanding the solar photo-catalytic activity of TiO2â€“ITO nanocomposite deposited on low cost substrates. Applied Surface Science, 2010, 256, 2170-2175.	3.1	14
98	Study of the effect of magnesium concentration on the deposit of allotropic forms of calcium carbonate and related carbon steel interface behavior. Electrochimica Acta, 2010, 55, 4820-4826.	2.6	30
99	Improvement in corrosion resistance of magnesium coating with cerium treatment. Rare Metals, 2009, 28, 277-283.	3.6	17
100	Solar photocatalytic degradation of commercial textile azo dyes: Performance of pilot plant scale thin film fixed-bed reactor. Desalination, 2009, 246, 344-352.	4.0	59
101	Improvement potential of the integrated water resources management in the mining basin of Gafsa. Desalination, 2009, 246, 478-484.	4.0	5
102	Microbial characterization during aerobic biological treatment of landfill leachate (Tunisia). Desalination, 2009, 246, 378-388.	4.0	28
103	Characterization and anaerobic batch reactor treatment of Jebel Chakir Landfill leachate. Desalination, 2009, 246, 417-424.	4.0	33
104	Coupling of anoxic and aerobic biological treatment of landfill leachate. Desalination, 2009, 246, 506-513.	4.0	26
105	Characterization of archaeological bronze and evaluation of the benzotriazole efficiency in alkali medium. Materials and Corrosion - Werkstoffe Und Korrosion, 2008, 59, 32-40.	0.8	10
106	Comparative study of protective magnesium deposit behaviour obtained by continuous and pulsed currents from methylmagnesium chloride solution. Surface and Coatings Technology, 2008, 202, 3579-3584.	2.2	12
107	Photocatalytic degradation of the Acid Blue 113 textile azo dye in aqueous suspensions of four commercialized TiO₂ samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 202-209.	0.9	19
108	Ozone catalysed with solids as an advanced oxidation process for landfill leachate treatment. Water Science and Technology, 2007, 55, 237-243.	1.2	8

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109	Degradation of recalcitrant organic contaminants by solar photocatalysis. Water Science and Technology, 2007, 55, 119-125.	1.2	21
110	Corrosion behaviour of Cuâ€“10Sn bronze in aerated NaCl aqueous media â€“ Electrochemical investigation. Corrosion Science, 2007, 49, 3333-3347.	3.0	50
111	Evaluation of corrosion non toxic inhibitor adsorption for steel in near neutral solution: L(+) ascorbic acid. Materials and Corrosion - Werkstoffe Und Korrosion, 2007, 58, 202-206.	0.8	11
112	Assessment of the interphase behaviour of two bronze alloys in archaeological soil. Materials and Corrosion - Werkstoffe Und Korrosion, 2007, 58, 121-128.	0.8	13
113	Biological treatment of grey water using sequencing batch reactor. Desalination, 2007, 215, 127-132.	4.0	69
114	Zer0-M, sustainable concepts towards a zero outflow municipality. Desalination, 2007, 215, 64-72.	4.0	25
115	Landfill leachate treatment with ozone and ozone/hydrogen peroxide systems. Journal of Hazardous Materials, 2007, 140, 316-324.	6.5	261
116	Polymer supported porous TiO2: application to photo-catalysis. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 2029-2033.	0.8	6
117	Study of the corrosion behaviour of Cuâ€“10Sn bronze in aerated Na2SO4 aqueous solution. Corrosion Science, 2006, 48, 2241-2257.	3.0	53
118	Photocatalytic Degradation of four Textile Azo Dyes in Aqueous TiO2 Suspensions: Practical Outcomes and Revisited Pathways. Journal of Advanced Oxidation Technologies, 2006, 9, .	0.5	1
119	Large scale investigation of chemical composition, structure and corrosion mechanism of bronze archeological artefacts from Mediterranean basin. Applied Physics A: Materials Science and Processing, 2006, 83, 513-520.	1.1	129
120	Comparaison between archaeological and artificially aged bronze interfaces. Materials and Corrosion - Werkstoffe Und Korrosion, 2006, 57, 794-799.	0.8	14
121	Adsorption mechanism of non-toxic organic inhibitors on steel in solutions at pH 8 determined by electrochemical quartz crystal microbalance measurements. Materials and Corrosion - Werkstoffe Und Korrosion, 2005, 56, 185-191.	0.8	10
122	Influence of sulphate ions on corrosion mechanism of carbon steel in calcareous media. Corrosion Engineering Science and Technology, 2005, 40, 129-136.	0.7	16
123	CaractÃ©risation Ã©lectrochimique de lâ€™altÃ©ration dâ€™un bronze de lâ€™Ã¨re punique. European Journal of Control, 2005, 30, 103-117.	1.6	4
124	Textile wastewater treatment and reuse by solar catalysis: results from a pilot plant in Tunisia. Water Science and Technology, 2004, 49, 331-337.	1.2	49
125	Effect of non-toxic corrosion inhibitors on steel in chloride solution. Journal of Materials Science, 2004, 39, 7341-7350.	1.7	19
126	Voltammetric behaviour of an archeaological bronze alloy in aqueous chloride media. Materials and Corrosion - Werkstoffe Und Korrosion, 2004, 55, 284-292.	0.8	38

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127	Electrochemical behaviour of an archaeological bronze alloy in various aqueous media: New method for understanding artifacts preservation. Materials and Corrosion - Werkstoffe Und Korrosion, 2003, 54, 318-325.	0.8	24
128	Comparison of suspended and fixed photocatalytic reactor systems. Water Science and Technology, 2001, 44, 245-249.	1.2	23
129	Detoxification and recycling of wastewater by solar-catalytic treatment. Water Science and Technology, 1997, 35, 149.	1.2	23
130	Catalytic ozonation of model organic compounds in aqueous solution promoted by metallic oxides. Desalination and Water Treatment, 0, , 1-12.	1.0	5
131	Efficiency of electrochemical denitrification using electrolysis cell containing BDD electrode. Desalination and Water Treatment, 0, , 1-11.	1.0	10
132	Enzymatic degradation of azo dyes using three macrophyte species:Arundo donax,Typha angustifoliaandPhragmites australis. Desalination and Water Treatment, 0, , 1-10.	1.0	6
133	TiO 2 film on copper: Effects of the temperature and the intermediate layer of nickel on adhesion and photocatalytic activity. International Journal of Applied Ceramic Technology, 0, , .	1.1	0
134	Degradation of diethyl phthalate (DEP) in aqueous solution using TiO2/UV process. , 0, 40, 63-68.		1