

Delia Teresa Sponza

List of Publications by Year in descending order

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106
papers

3,509
citations

117453

34
h-index

149479

56
g-index

107
all docs

107
docs citations

107
times ranked

3437
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of extracellular polymer substances (EPS) and physicochemical properties of different activated sludge flocs under steady-state conditions. <i>Enzyme and Microbial Technology</i> , 2003, 32, 375-385.	1.6	161
2	Extracellular polymer substances and physicochemical properties of flocs in steady and unsteady-state activated sludge systems. <i>Process Biochemistry</i> , 2002, 37, 983-998.	1.8	157
3	Impact of leachate recirculation and recirculation volume on stabilization of municipal solid wastes in simulated anaerobic bioreactors. <i>Process Biochemistry</i> , 2004, 39, 2157-2165.	1.8	154
4	Substrate removal kinetics in an upflow anaerobic sludge blanket reactor decolorising simulated textile wastewater. <i>Process Biochemistry</i> , 2005, 40, 1189-1198.	1.8	153
5	Anaerobic/aerobic treatment of a simulated textile wastewater. <i>Separation and Purification Technology</i> , 2008, 60, 64-72.	3.9	131
6	Decolorization and azo dye degradation by anaerobic/aerobic sequential process. <i>Enzyme and Microbial Technology</i> , 2002, 31, 102-110.	1.6	130
7	Anaerobic/aerobic treatment of municipal landfill leachate in sequential two-stage up-flow anaerobic sludge blanket reactor (UASB)/completely stirred tank reactor (CSTR) systems. <i>Process Biochemistry</i> , 2005, 40, 895-902.	1.8	107
8	Effect of oxygen on decolorization of azo dyes by <i>Escherichia coli</i> and <i>Pseudomonas sp.</i> and fate of aromatic amines. <i>Process Biochemistry</i> , 2003, 38, 1183-1192.	1.8	90
9	Co-digestion of mixed industrial sludge with municipal solid wastes in anaerobic simulated landfilling bioreactors. <i>Journal of Hazardous Materials</i> , 2007, 140, 75-85.	6.5	90
10	Monitoring of toxicity and intermediates of C.I. Direct Black 38 azo dye through decolorization in an anaerobic/aerobic sequential reactor system. <i>Journal of Hazardous Materials</i> , 2004, 114, 29-39.	6.5	87
11	Effects of alkalinity and co-substrate on the performance of an upflow anaerobic sludge blanket (UASB) reactor through decolorization of Congo Red azo dye. <i>Bioresource Technology</i> , 2005, 96, 633-643.	4.8	85
12	Effect of rhamnolipid on the aerobic removal of polyaromatic hydrocarbons (PAHs) and COD components from petrochemical wastewater. <i>Bioresource Technology</i> , 2010, 101, 914-924.	4.8	82
13	Application of toxicity tests into discharges of the pulp-paper industry in Turkey. <i>Ecotoxicology and Environmental Safety</i> , 2003, 54, 74-86.	2.9	79
14	Effect of alkalinity on the performance of a simulated landfill bioreactor digesting organic solid wastes. <i>Chemosphere</i> , 2005, 59, 871-879.	4.2	79
15	Toxicity studies in a chemical dye production industry in Turkey. <i>Journal of Hazardous Materials</i> , 2006, 138, 438-447.	6.5	76
16	Environmental geochemistry and pollution studies of AliaÇşsa metal industry district. <i>Environment International</i> , 2002, 27, 541-553.	4.8	75
17	Decolorization and inhibition kinetic of Direct Black 38 azo dye with granulated anaerobic sludge. <i>Enzyme and Microbial Technology</i> , 2004, 34, 147-158.	1.6	73
18	Toxicity and intermediates of C.I. Direct Red 28 dye through sequential anaerobic/aerobic treatment. <i>Process Biochemistry</i> , 2005, 40, 2735-2744.	1.8	72

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19	Reactor performances and fate of aromatic amines through decolorization of Direct Black 38 dye under anaerobic/aerobic sequential. <i>Process Biochemistry</i> , 2005, 40, 35-44.	1.8	71
20	Performance of anaerobic baffled reactor (ABR) treating synthetic wastewater containing p-nitrophenol. <i>Enzyme and Microbial Technology</i> , 2005, 36, 888-895.	1.6	63
21	Biological treatment of acid dyeing wastewater using a sequential anaerobic/aerobic reactor system. <i>Enzyme and Microbial Technology</i> , 2006, 38, 887-892.	1.6	61
22	A batch kinetic study on decolorization and inhibition of Reactive Black 5 and Direct Brown 2 in an anaerobic mixed culture. <i>Chemosphere</i> , 2004, 55, 119-128.	4.2	60
23	Fate and toxicity of azo dye metabolites under batch long-term anaerobic incubations. <i>Enzyme and Microbial Technology</i> , 2007, 40, 934-939.	1.6	60
24	Treatability of sulfamerazine in sequential upflow anaerobic sludge blanket reactor (UASB)/completely stirred tank reactor (CSTR) processes. <i>Separation and Purification Technology</i> , 2007, 56, 108-117.	3.9	59
25	Kinetic of carbonaceous substrate in an upflow anaerobic sludge blanket (UASB) reactor treating 2,4 dichlorophenol (2,4 DCP). <i>Journal of Environmental Management</i> , 2008, 86, 121-131.	3.8	49
26	Necessity of toxicity assessment in Turkish industrial discharges (examples from metal and textile) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.3	48
27	Kinetics of para-nitrophenol and chemical oxygen demand removal from synthetic wastewater in an anaerobic migrating blanket reactor. <i>Journal of Hazardous Materials</i> , 2009, 161, 787-799.	6.5	45
28	Co-digestion of industrial sludge with municipal solid wastes in anaerobic simulated landfilling reactors. <i>Process Biochemistry</i> , 2005, 40, 1871-1879.	1.8	41
29	Effect of increasing nitrobenzene loading rates on the performance of anaerobic migrating blanket reactor and sequential anaerobic migrating blanket reactor/completely stirred tank reactor system. <i>Journal of Hazardous Materials</i> , 2009, 168, 390-399.	6.5	41
30	Anaerobic/aerobic sequential treatment of a cotton textile mill wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1268-1274.	1.6	38
31	Effects of nitrobenzene concentration and hydraulic retention time on the treatment of nitrobenzene in sequential anaerobic baffled reactor (ABR)/continuously stirred tank reactor (CSTR) system. <i>Bioresource Technology</i> , 2009, 100, 2162-2170.	4.8	38
32	Anaerobic granule formation and tetrachloroethylene (TCE) removal in an upflow anaerobic sludge blanket (UASB) reactor. <i>Enzyme and Microbial Technology</i> , 2001, 29, 417-427.	1.6	37
33	Removals of PAHs and acute toxicity via sonication in a petrochemical industry wastewater. <i>Chemical Engineering Journal</i> , 2010, 162, 142-150.	6.6	36
34	Aromatic Amine Degradation in a UASB/CSTR Sequential System Treating Congo Red Dye. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2003, 38, 2301-2315.	0.9	34
35	Decolorization of Azo Dyes Under Batch Anaerobic and Sequential Anaerobic/Aerobic Conditions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 1107-1127.	0.9	34
36	p-Nitrophenol removal in a sequential anaerobic migrating blanket reactor (AMBR)/aerobic completely stirred tank reactor (CSTR) system. <i>Process Biochemistry</i> , 2005, 40, 1679-1691.	1.8	34

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37	A batch study for assessing the inhibition effect of Direct Yellow 12 in a mixed methanogenic culture. <i>Process Biochemistry</i> , 2005, 40, 1053-1062.	1.8	34
38	Relationships between acute toxicities of para nitrophenol (p-NP) and nitrobenzene (NB) to <i>Daphnia magna</i> and <i>Photobacterium phosphoreum</i> : Physicochemical properties and metabolites under anaerobic/aerobic sequential. <i>Journal of Hazardous Materials</i> , 2011, 185, 1187-1197.	6.5	34
39	Removal of oxytetracycline (OTC) in a synthetic pharmaceutical wastewater by sequential anaerobic multichamber bed reactor (AMCBR)/completely stirred tank reactor (CSTR) system: biodegradation and inhibition kinetics. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 961-975.	1.6	30
40	Relationships between chemical oxygen demand (COD) components and toxicity in a sequential anaerobic baffled reactor/aerobic completely stirred reactor system treating Kemeticine. <i>Journal of Hazardous Materials</i> , 2010, 176, 64-75.	6.5	27
41	Treatment of 2,4-dichlorophenol (DCP) in a sequential anaerobic (upflow anaerobic sludge blanket) aerobic (completely stirred tank) reactor system. <i>Process Biochemistry</i> , 2005, 40, 3419-3428.	1.8	26
42	Destruction of some more and less hydrophobic PAHs and their toxicities in a petrochemical industry wastewater with sonication in Turkey. <i>Bioresource Technology</i> , 2010, 101, 8639-8648.	4.8	25
43	Removals of some hydrophobic poly aromatic hydrocarbons (PAHs) and <i>Daphnia magna</i> acute toxicity in a petrochemical industry wastewater with ultrasound in Izmir-Turkey. <i>Separation and Purification Technology</i> , 2011, 77, 301-311.	3.9	24
44	Effects of shredding of wastes on the treatment of municipal solid wastes (MSWs) in simulated anaerobic recycled reactors. <i>Enzyme and Microbial Technology</i> , 2005, 36, 25-33.	1.6	23
45	Treatment of olive mill wastewater by photooxidation with ZrO ₂ -doped TiO ₂ nanocomposite and its reuse capability. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 865-879.	1.2	23
46	Treatment efficiencies of a sequential anaerobic baffled reactor (ABR)/completely stirred tank reactor (CSTR) system at increasing p-nitrophenol and COD loading rates. <i>Process Biochemistry</i> , 2006, 41, 1484-1492.	1.8	22
47	Aerobic biodegradation and inhibition kinetics of polyaromatic hydrocarbons (PAHs) in a petrochemical industry wastewater in the presence of biosurfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 658-672.	1.6	20
48	Incorporation of Toxicity Tests into the Turkish Industrial Discharge Monitoring Systems. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 43, 186-197.	2.1	19
49	Enhancement of granule formation and sludge retainment for tetrachloroethylene (TCE) removal in an upflow anaerobic sludge blanket (UASB) reactor. <i>Journal of Environmental Management</i> , 2003, 7, 453-462.	1.7	19
50	Relationships between anaerobic consortia and removal efficiencies in an UASB reactor degrading 2,4 dichlorophenol (DCP). <i>Journal of Environmental Management</i> , 2008, 87, 177-192.	3.8	19
51	Effects of sludge retention time and biosurfactant on the treatment of polyaromatic hydrocarbon (PAH) in a petrochemical industry wastewater. <i>Water Science and Technology</i> , 2011, 64, 2282-2292.	1.2	19
52	Toxicity Studies in a Tobacco Industry Biological Treatment Plant. <i>Water, Air, and Soil Pollution</i> , 2002, 134, 137-164.	1.1	18
53	Effects of sludge retention time (SRT) and biosurfactant on the removal of polyaromatic compounds and toxicity. <i>Journal of Hazardous Materials</i> , 2011, 197, 404-416.	6.5	17
54	Treatment of wastewaters from the olive mill industry by sonication. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 212-225.	1.6	17

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55	Reuse and recovery of raw hospital wastewater containing ofloxacin after photocatalytic treatment with nano graphene oxide magnetite. <i>Water Science and Technology</i> , 2018, 77, 304-322.	1.2	17
56	Hydrogen Sulfide and Odor Control in Äzmir Bay. <i>Water, Air, and Soil Pollution</i> , 2000, 123, 245-257.	1.1	16
57	Application of Boxâ€Wilson experimental design method for 2,4-dinitrotoluene treatment in a sequential anaerobic migrating blanket reactor (AMBR)/aerobic completely stirred tank reactor (CSTR) system. <i>Journal of Hazardous Materials</i> , 2011, 187, 222-234.	6.5	16
58	Effect of Aeration on the Performance of a Simulated Landfilling Reactor Stabilizing Municipal Solid Wastes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 2955-2972.	0.9	15
59	Biological Treatment of Petrochemical Wastewaters by Pseudomonas Sp. Added Activated Sludge Culture. <i>Environmental Technology (United Kingdom)</i> , 1996, 17, 673-685.	1.2	14
60	Effect of sonication assisted by titanium dioxide and ferrous ions on polyaromatic hydrocarbons (PAHs) and toxicity removals from a petrochemical industry wastewater in Turkey. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 913-925.	1.6	14
61	Photodegradation of some brominated and phenolic micropollutants in raw hospital wastewater with CeO ₂ and TiO ₂ nanoparticles. <i>Water Science and Technology</i> , 2017, 76, 2603-2622.	1.2	14
62	Simultaneous granulation, biomass retainment and carbon tetrachloride (CT) removal in an upflow anaerobic sludge blanket (UASB) reactor. <i>Process Biochemistry</i> , 2002, 37, 1091-1101.	1.8	13
63	Performance of p-nitrophenol (p-NP) fed sequential anaerobic migrating blanket reactor (AMBR)/aerobic completely stirred tank reactor (CSTR) system under increasing organic loading conditions. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1026-1034.	1.6	13
64	Toxicity and treatability of carbontetrachloride and tetrachloroethylene in anaerobic batch cultures. <i>International Biodeterioration and Biodegradation</i> , 2003, 51, 119-127.	1.9	12
65	Relationships between anaerobic consortia and removal efficiencies in an UASB reactor degrading 2,4 DCP. <i>Desalination</i> , 2009, 245, 1-18.	4.0	12
66	Dephenolization, dearomatization and detoxification of olive mill wastewater with sonication combined with additives and radical scavengers. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1244-1257.	3.8	12
67	Properties of Four Biological Floccs as Related to Settling. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 1289-1300.	0.7	11
68	Effects of Hydraulic Retention Time (HRT) and Sludge Retention Time (SRT) on the Treatment of Nitrobenzene in AMBR/CSTR Reactor Systems. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 285-296.	1.2	11
69	SEQUENTIAL ANAEROBIC, AEROBIC/ANOXIC TREATMENT OF SIMULATED LANDFILL LEACHATE. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 183-197.	1.2	11
70	Removal of ciprofloxacin antibiotic with nano graphene oxide magnetite composite: comparison of adsorption and photooxidation processes. , 0, 63, 293-307.		11
71	Comparison of the sensitivities of fish, Microtox and Daphnia-magna bioassays to amoxycillin in anaerobic/aerobic sequential reactor systems. <i>Water Science and Technology</i> , 2012, 66, 1117-1131.	1.2	10
72	Ultimate azo dye degradation in anaerobic/aerobic sequential processes. <i>Water Science and Technology</i> , 2002, 45, 271-278.	1.2	9

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73	Simultaneous phosphorus, nitrogen and dinitrotoluene removals in batch anaerobic/anoxic/aerobic sequential. <i>Process Biochemistry</i> , 2005, 40, 25-34.	1.8	9
74	Comparison of biological and advanced treatment processes for ciprofloxacin removal in a raw hospital wastewater. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3151-3167.	1.2	9
75	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 1209-1216.	1.1	8
76	Treatment of 2,4 dichlorophenol (DCP) in a sequential anaerobic (upflow anaerobic sludge blanket) aerobic (completely stirred tank) reactor system at increasing organic loading rates. <i>Desalination</i> , 2006, 195, 235-250.	4.0	8
77	Effect of Ultrasonic Irradiation on the Treatment of Poly-Aromatic Substances (PAHs) from a Petrochemical Industry Wastewater. <i>Ozone: Science and Engineering</i> , 2011, 33, 194-210.	1.4	8
78	Treatment of trichlorotoluene in an anaerobic/aerobic sequential reactor system. <i>Process Biochemistry</i> , 2005, 40, 69-82.	1.8	7
79	Influence of nitrate and COD on phosphorus, nitrogen and dinitrotoluene (DNT) removals under batch anaerobic and anoxic conditions. <i>Anaerobe</i> , 2004, 10, 287-293.	1.0	6
80	Effects of nitrobenzene concentrations and hydraulic retention time on the treatment of nitrobenzene in sequential anaerobic baffled reactor and continuously stirred tank reactor system. <i>Water Science and Technology</i> , 2007, 55, 227-236.	1.2	6
81	Effects of sludge retention time (SRTs) on the removals of polycyclic aromatic hydrocarbons (PAHs), chemical oxygen demand (COD), and toxicity in a petrochemical industry wastewater. <i>Desalination and Water Treatment</i> , 2011, 26, 57-65.	1.0	6
82	TETRACHLOROETHYLENE (TCE) REMOVAL DURING ANAEROBIC GRANULATION IN AN UPFLOW ANAEROBIC SLUDGE BLANKET (UASB) REACTOR. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 213-236.	0.9	5
83	Incorporation of Toxicity Tests to the Discharges of Pulp Paper Industry in Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 69, 719-726.	1.3	4
84	Biotransformation of Carbon Tetrachloride and Anaerobic Granulation in a Upflow Anaerobic Sludge Blanket Reactor. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 425-433.	0.7	4
85	Effect of sonication on the treatment of polycyclic aromatic hydrocarbons (PAHs) in a petrochemical industry wastewater and toxicity evaluations. <i>Desalination and Water Treatment</i> , 2011, 26, 24-38.	1.0	4
86	Contribution of Oxides, Salt, and Carbonate to the Sonication of Some Hydrophobic Polyaromatic Hydrocarbons and Toxicity in Petrochemical Industry Wastewater in Åzmir, Turkey. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 1012-1025.	0.7	4
87	Photodegradation of Polyphenols and Aromatic Amines in Olive Mill Effluents with Ni Doped C/TiO ₂ . <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	0.9	4
88	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 839-847.	1.7	3
89	Removals of non-analogous OTC and BaP in AMCBR with and without primary substrate. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1768-1781.	1.2	3
90	Toxicity Studies of Tobacco Wastewater. <i>Aquatic Ecosystem Health and Management</i> , 2001, 4, 479-492.	0.3	2

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91	Treatability of 2,4 Dinitrotoluene in Anaerobic/Aerobic Sequential Processes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 1529-1548.	0.9	2
92	Influence of Nitrate and COD on Phosphorus and Nitrogen Removals under Batch Methanogenic and Denitrifying Conditions. Environmental Engineering Science, 2005, 22, 145-155.	0.8	2
93	EFFECTS OF SHOCK 2,4-DICHLOROPHENOL (DCP) AND COD LOADING RATES ON THE REMOVAL OF 2,4-DCP IN A SEQUENTIAL UPFLOW ANAEROBIC SLUDGE BLANKET/AEROBIC COMPLETELY STIRRED TANK REACTOR SYSTEM. Environmental Technology (United Kingdom), 2008, 29, 413-421.	1.2	2
94	Photodegradation of olive mill effluent with hydrogel-coated Fe ₃ O ₄ magnetite composite. Desalination and Water Treatment, 2016, 57, 2489-2502.	1.0	2
95	Hydrocarbon degradation abilities of psychrotolerant Bacillus strains. AIMS Microbiology, 2017, 3, 467-482.	1.0	2
96	Simultaneous toxicity and nutrient removals in simulated DEPHANOX (anaerobic/anoxic/oxic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 2004, 49, 237-244.	1.2	1
97	Treatability of atrazine in a simulated DEPHANOX process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 307-315.	0.9	1
98	Effectiveness of Air, N ₂ (gas), Fe ⁺³ and Fe ₃ O ₄ Nanoparticles on the Sonication of Less and More Hydrophobic Polycyclic Aromatic Hydrocarbons (PAHs) and Toxicity. Water, Air, and Soil Pollution, 2012, 223, 1215-1236.	1.1	1
99	Investigation of the Effects of Sewage Sludge Addition into Solid Waste Digestion and Leachate Characteristics. Asian Journal of Chemistry, 2013, 25, 7495-7498.	0.1	1
100	Treatment of Wastewaters from the Olive Mill Industry Wastewaters by Sonication Process at Different Conditions. Asian Journal of Applied Chemistry Research, 0, , 7-53.	0.0	1
101	Biofuel Production from Carbon Dioxide Gas in Polluted Areas. Environmental Science and Engineering, 2019, , 127-139.	0.1	1
102	Removal of some types of polyphenols and aromatic amines in textile industry wastewaters by nanocerium-dioxide-doped titanium dioxide. , 0, 71, 116-135.		1
103	Effect of Increasing Nitrobenzene Loading Rates on the Performance of AMBR and Sequential AMBR/CSTR Reactor System. Journal of Environmental Engineering, ASCE, 2009, 135, 266-278.	0.7	0
104	Anaerobic treatment of antibiotics, toxicity removal and biogas production. , 2009, , .		0
105	The Increase of Biological Treatment Efficiency in Petroleum Refinery and Petrochemical Wastewaters by Acclimated Microorganisms. , 1997, , 181-186.		0
106	Removals of Gentamicin and Benzo[a]Pyrene in an Anaerobic Multichamber Bed Reactor. The Global Environmental Engineers, 0, 6, 16-33.	0.3	0