

Niina Dulova

List of Publications by Citations

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39
papers

1,074
citations

20
h-index

32
g-index

41
ext. papers

1,241
ext. citations

5.9
avg, IF

4.74
L-index

#	Paper	IF	Citations
39	Degradation of polycyclic aromatic hydrocarbons by combined chemical pre-oxidation and bioremediation in creosote contaminated soil. <i>Journal of Environmental Management</i> , 2006 , 78, 382-91	7.9	146
38	Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems. <i>Chemical Engineering Journal</i> , 2015 , 279, 452-462	14.7	115
37	Combined chemical and biological treatment of oil contaminated soil. <i>Chemosphere</i> , 2006 , 63, 1754-63	8.4	80
36	Degradation of naproxen by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate processes: The effect of citric acid addition. <i>Chemical Engineering Journal</i> , 2017 , 318, 254-263	14.7	68
35	Reuse of ferric sludge as an iron source for the Fenton-based process in wastewater treatment. <i>Chemical Engineering Journal</i> , 2014 , 255, 8-13	14.7	68
34	Combined chemical treatment of pharmaceutical effluents from medical ointment production. <i>Chemosphere</i> , 2008 , 70, 1525-31	8.4	57
33	A pilot study of three-stage biological/chemical treatment of landfill leachate applying continuous ferric sludge reuse in Fenton-like process. <i>Clean Technologies and Environmental Policy</i> , 2017 , 19, 541-551	4.3	45
32	Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation. <i>Journal of Water Process Engineering</i> , 2017 , 16, 277-282	6.7	32
31	COMBINED TREATMENT OF PYROGENIC WASTEWATER FROM OIL SHALE RETORTING. <i>Oil Shale</i> , 2017 , 34, 82	1.2	31
30	Catalytic degradation of picric acid by heterogeneous Fenton-based processes. <i>Environmental Technology (United Kingdom)</i> , 2011 , 32, 439-46	2.6	31
29	Treatment of landfill leachate by continuously reused ferric oxyhydroxide sludge-activated hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2016 , 304, 646-654	14.7	31
28	Emerging micropollutants in water/wastewater: growing demand on removal technologies. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12217-22	5.1	28
27	Fenton treatment efficacy for the purification of different kinds of wastewater. <i>Water Science and Technology</i> , 2009 , 60, 1795-801	2.2	27
26	Combined Physicochemical Treatment of Textile and Mixed Industrial Wastewater. <i>Ozone: Science and Engineering</i> , 2011 , 33, 285-293	2.4	24
25	The Fenton Chemistry and Its Combination with Coagulation for Treatment of Dye Solutions. <i>Separation Science and Technology</i> , 2007 , 42, 1521-1534	2.5	24
24	Oxidative degradation of levofloxacin in aqueous solution by $S_2O_8^{2-}/Fe^{2+}$, $S_2O_8^{2-}/H_2O_2$ and $S_2O_8^{2-}/OH^-$ processes: A comparative study. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 1207-1214	6.8	23
23	Ozonation and Fenton Treatment for Remediation of Diesel Fuel Contaminated Soil. <i>Ozone: Science and Engineering</i> , 2006 , 28, 37-46	2.4	23

22	Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced HO/Fe and SO/Fe processes. <i>Chemosphere</i> , 2017 , 171, 528-536	8.4	22
21	Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides. <i>Science of the Total Environment</i> , 2019 , 676, 165-175	10.2	21
20	Ferrous ion-activated persulphate process for landfill leachate treatment: removal of organic load, phenolic micropollutants and nitrogen. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1223-1231	2.6	20
19	Hazardous waste landfill leachate treatment by combined chemical and biological techniques. <i>Desalination and Water Treatment</i> , 2016 , 57, 13236-13245		19
18	Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study. <i>Environmental Research</i> , 2020 , 189, 109889	7.9	19
17	Photochemical degradation of nonylphenol in aqueous solution: the impact of pH and hydroxyl radical promoters. <i>Journal of Environmental Sciences</i> , 2013 , 25, 1326-30	6.4	18
16	Treatment of surfactant stabilized oil-in-water emulsions by means of chemical oxidation and coagulation. <i>Environmental Technology (United Kingdom)</i> , 2007 , 28, 1345-55	2.6	11
15	Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 3575-3586	3.3	10
14	Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation: Process applicability study at ppm level and scale-down to ppb level. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103287	6.8	9
13	Degradation of diclofenac in aqueous solution by homogeneous and heterogeneous photolysis. <i>Journal of Environmental Engineering & Ecological Science</i> , 2012 , 1, 3		9
12	UV-assisted chemical oxidation of antihypertensive losartan in water. <i>Journal of Environmental Management</i> , 2020 , 261, 110170	7.9	8
11	UV-induced Persulfate Oxidation of Organic Micropollutants in Water Matrices. <i>Ozone: Science and Engineering</i> , 2020 , 42, 13-23	2.4	8
10	Treatment of high-strength wastewater by Fe(2+)-activated persulphate and hydrogen peroxide. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 352-9	2.6	7
9	Insights into nonylphenol degradation by UV-activated persulfate and persulfate/hydrogen peroxide systems in aqueous matrices: a comparative study. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 22499-22510	5.1	7
8	Application of Ozonation, UV Photolysis, Fenton Treatment and other Related Processes for Degradation of Ibuprofen and Sulfamethoxazole in Different Aqueous Matrices. <i>Journal of Advanced Oxidation Technologies</i> , 2012 , 15,		7
7	Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in various water matrices. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 202-210	2.6	7
6	Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge. <i>Chemical Engineering Journal</i> , 2021 , 411, 128586	14.7	6
5	Application of Fenton Reaction for Food-processing Wastewater Treatment. <i>Journal of Advanced Oxidation Technologies</i> , 2011 , 14,		4

4	Oil shale semicoke leachate treatment using ozonation and the Fenton oxidation. <i>Environmental Technology (United Kingdom)</i> , 2006 , 27, 307-15	2.6	4
3	Oxidation of ubiquitous aqueous pharmaceuticals with pulsed corona discharge. <i>Journal of Electrostatics</i> , 2021 , 110, 103567	1.7	3
2	Degradation of propoxycarbazone-sodium with advanced oxidation processes. <i>Water Science and Technology: Water Supply</i> , 2011 , 11, 129-134	1.4	1
1	Activated Persulfate and Hydrogen Peroxide Treatment of Highly Contaminated Water Matrices: A Comparative Study. <i>International Journal of Environmental Science and Development</i> , 2020 , 11, 549-554	0.4	1