

# Niina Dulova

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 128586  | 14.7 | 6         |
| 38 | Oxidation of ubiquitous aqueous pharmaceuticals with pulsed corona discharge. <i>Journal of Electrostatics</i> , <b>2021</b> , 110, 103567   | 1.7  | 3         |
| 37 | UV-assisted chemical oxidation of antihypertensive losartan in water. <i>Journal of Environmental Management</i> , <b>2020</b> , 261, 110170   | 7.9  | 8         |
| 36 | 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> , <b>2020</b> , 27, 22499-22510  | 5.1  | 7         |
| 35 | Activated Persulfate and Hydrogen Peroxide Treatment of Highly Contaminated Water Matrices: A Comparative Study. <i>International Journal of Environmental Science and Development</i> , <b>2020</b> , 11, 549-554                       | 0.4  | 1         |
| 34 | Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study. <i>Environmental Research</i> , <b>2020</b> , 189, 109889            | 7.9  | 19        |
| 33 | UV-induced Persulfate Oxidation of Organic Micropollutants in Water Matrices. <i>Ozone: Science and Engineering</i> , <b>2020</b> , 42, 13-23  | 2.4  | 8         |
| 32 | Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in various water matrices. <i>Environmental Technology (United Kingdom)</i> , <b>2020</b> , 41, 202-210  | 2.6  | 7         |
| 31 | Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides. <i>Science of the Total Environment</i> , <b>2019</b> , 676, 165-175  | 10.2 | 21        |
| 30 | 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> , <b>2019</b> , 7, 103287 | 6.8  | 9         |
| 29 | 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> , <b>2017</b> , 318, 254-263 | 14.7 | 68        |
| 28 | Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced HO/Fe and SO/Fe processes. <i>Chemosphere</i> , <b>2017</b> , 171, 528-536  | 8.4  | 22        |
| 27 | Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation. <i>Journal of Water Process Engineering</i> , <b>2017</b> , 16, 277-282   | 6.7  | 32        |
| 26 | COMBINED TREATMENT OF PYROGENIC WASTEWATER FROM OIL SHALE RETORTING. <i>Oil Shale</i> , <b>2017</b> , 34, 82   | 1.2  | 31        |
| 25 | Ferrous ion-activated persulphate process for landfill leachate treatment: removal of organic load, phenolic micropollutants and nitrogen. <i>Environmental Technology (United Kingdom)</i> , <b>2017</b> , 38, 1223-1231                | 2.6  | 20        |
| 24 | 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> , <b>2017</b> , 19, 541-551           | 4.3  | 45        |
| 23 | Treatment of high-strength wastewater by Fe(2+)-activated persulphate and hydrogen peroxide. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 352-9  | 2.6  | 7         |

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| 22 | Hazardous waste landfill leachate treatment by combined chemical and biological techniques. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 13236-13245  |      | 19  |
| 21 | Treatment of landfill leachate by continuously reused ferric oxyhydroxide sludge-activated hydrogen peroxide. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 646-654   | 14.7 | 31  |
| 20 | Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry. <i>International Journal of Environmental Science and Technology</i> , <b>2015</b> , 12, 3575-3586  | 3.3  | 10  |
| 19 | Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems. <i>Chemical Engineering Journal</i> , <b>2015</b> , 279, 452-462  | 14.7 | 115 |
| 18 | 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> , <b>2015</b> , 3, 1207-1214 | 6.8  | 23  |
| 17 | Reuse of ferric sludge as an iron source for the Fenton-based process in wastewater treatment. <i>Chemical Engineering Journal</i> , <b>2014</b> , 255, 8-13   | 14.7 | 68  |
| 16 | Emerging micropollutants in water/wastewater: growing demand on removal technologies. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 12217-22   | 5.1  | 28  |
| 15 | Photochemical degradation of nonylphenol in aqueous solution: the impact of pH and hydroxyl radical promoters. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 1326-30  | 6.4  | 18  |
| 14 | 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> , <b>2012</b> , 15,       |      | 7   |
| 13 | Degradation of diclofenac in aqueous solution by homogeneous and heterogeneous photolysis. <i>Journal of Environmental Engineering &amp; Ecological Science</i> , <b>2012</b> , 1, 3   |      | 9   |
| 12 | Application of Fenton's Reaction for Food-processing Wastewater Treatment. <i>Journal of Advanced Oxidation Technologies</i> , <b>2011</b> , 14,   |      | 4   |
| 11 | Degradation of propoxycarbazone-sodium with advanced oxidation processes. <i>Water Science and Technology: Water Supply</i> , <b>2011</b> , 11, 129-134  | 1.4  | 1   |
| 10 | Combined Physicochemical Treatment of Textile and Mixed Industrial Wastewater. <i>Ozone: Science and Engineering</i> , <b>2011</b> , 33, 285-293   | 2.4  | 24  |
| 9  | Catalytic degradation of picric acid by heterogeneous Fenton-based processes. <i>Environmental Technology (United Kingdom)</i> , <b>2011</b> , 32, 439-46  | 2.6  | 31  |
| 8  | Fenton treatment efficacy for the purification of different kinds of wastewater. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1795-801  | 2.2  | 27  |
| 7  | Combined chemical treatment of pharmaceutical effluents from medical ointment production. <i>Chemosphere</i> , <b>2008</b> , 70, 1525-31   | 8.4  | 57  |
| 6  | The Fenton Chemistry and Its Combination with Coagulation for Treatment of Dye Solutions. <i>Separation Science and Technology</i> , <b>2007</b> , 42, 1521-1534   | 2.5  | 24  |
| 5  | Treatment of surfactant stabilized oil-in-water emulsions by means of chemical oxidation and coagulation. <i>Environmental Technology (United Kingdom)</i> , <b>2007</b> , 28, 1345-55   | 2.6  | 11  |

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| 4 | Ozonation and Fenton Treatment for Remediation of Diesel Fuel Contaminated Soil. <i>Ozone: Science and Engineering</i> , <b>2006</b> , 28, 37-46   | 2.4 | 23  |
| 3 | Oil shale semicoke leachate treatment using ozonation and the Fenton oxidation. <i>Environmental Technology (United Kingdom)</i> , <b>2006</b> , 27, 307-15  | 2.6 | 4   |
| 2 | Combined chemical and biological treatment of oil contaminated soil. <i>Chemosphere</i> , <b>2006</b> , 63, 1754-63  | 8.4 | 80  |
| 1 | Degradation of polycyclic aromatic hydrocarbons by combined chemical pre-oxidation and bioremediation in creosote contaminated soil. <i>Journal of Environmental Management</i> , <b>2006</b> , 78, 382-91 | 7.9 | 146 |