Olga N Tchaikovskaya

List of Publications by Citations

65	255	7	10
papers	citations	h-index	g-index
83	294	1.3	3.04
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
65	Fluorescence and bioluminescence analysis of sequential UV-biological degradation of p-cresol in water. *Luminescence*, **2007**, 22, 29-34	2.5	18
64	The phototransformation of 4-chloro-2-methylphenoxyacetic acid under KrCl and XeBr excilamps irradiation in water. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 228, 8-14	4.7	15
63	Investigation of bactericide systems using a microfiber polypropylene carrier. *Technical Physics*, **2015**, 60, 592-594	0.5	13
62	Triplet states of humic acids studied by laser flash photolysis using different excitation wavelengths. *Russian Chemical Bulletin*, **2004**, 53, 313-317	1.7	12
61	Fluorescence analysis of photoinduced degradation of ecotoxicants in the presence of humic acids. *Luminescence*, **2005**, 20, 187-91	2.5	10
60	Excitation energy effect on the early photophysics of hypericin in solution. *Chemical Physics Letters*, **2005**, 408, 96-100	2.5	9
59	Choice of Parameters and Stability of Nonlinear Vibration Isolation Device. *Journal of Physics: Conference Series*, **2016**, 671, 012046	0.3	9
58	Kinetics of fast reactions of triplet states and radicals under photolysis of 4,4?-dimethylbenzophenone in the presence of 4-halophenols in micellar solutions of sodium dodecyl sulfate in magnetic field. *Russian Chemical Bulletin*, **2005**, 54, 1433-1438	1.7	7
57	Kinetics of radical formation and decay in photooxidation of 4-halophenols sensitized by 4-carboxybenzophenone in aqueous solutions. *Russian Chemical Bulletin*, **2005**, 54, 1439-1444	1.7	7
56	Fluorescence Investigations of Phenol Phototransformation in Aqueous Solutions. *Journal of Fluorescence*, **2000**, 10, 403-408	2.4	7
55	Role of photochemical and microbial degradation of phenol in water. *International Journal of Photoenergy*, **2001**, 3, 177-180	2.1	7
54	Study of the Effect of UV Radiation on the Decomposition of 4-Chloro-2-Methylphenoxyacetic Acid. *Russian Physics Journal*, **2013**, 56, 853-859	0.7	6
53	Effect of humic acids on phototransformation of methylphenols in water. *Journal of Applied Spectroscopy*, **2008**, 75, 597-602	0.7	6
52	The fluorescence analysis of laser photolysis of phenols in water. *International Journal of Photoenergy*, **2002**, 4, 79-83	2.1	6
51	Quenching of fluorescence of phenolic compounds and modified humic acids by cadmium ions. *Luminescence*, **2016**, 31, 1098-102	2.5	6
50	Photodegradation of an Herbicide (2-methyl-4-chlorophenoxyacetic acid) in the Presence of □iO2, SnO2, SnO2/TiO2 Nanoparticles □Polypropylene Fibrous Carrier□Systems. *Advanced Materials Research*, **2015**, 1085, 107-112	0.5	5
49	Degradation of the Herbicide (2,4-Dichlorophenoxyacetic Acid) Using a Photoreactor with Exciplex Lamps. *Journal of Applied Spectroscopy*, **2013**, 80, 600-603	0.7	5

48	The role of UV-irradiation pretreatment on the degradation of 2,4-dichlorophenoxyacetic acid in water. *Luminescence*, **2011**, 26, 156-61	2.5	5
47	Luminescence investigations of the degradation of 2-methylphenol and 4-methylphenol in water. *Russian Physics Journal*, **2008**, 51, 1344-1355	0.7	5
46	THE CONCEPT OF ROBOTICS IMPLEMENTATION IN A TECHNICAL UNIVERSITY **2017**, 73,		5
45	Optimization of the Stabilization System for Electromagnetic Suspension in Active Vibration Isolation Devices. *MATEC Web of Conferences*, **2016**, 79, 01019	0.3	5
44	Physicochemical and spectroluminescent properties of the humic acids of coals. *Solid Fuel Chemistry*, **2017**, 51, 1-5	0.7	4
43	Experimental and Theoretical Investigation of Optical Spectra of Methylene Green in Solutions. *Russian Physics Journal*, **2019**, 61, 1752-1758	0.7	4
42	Photoreactors for Solving Problems of Environmental Pollution. *Russian Physics Journal*, **2015**, 57, 1725-1731	0.7	4
41	Photodegradation of 2-methyl-4-chlorophenol in a KrCl exciplex flow-through photoreactor: a kinetic study. *Desalination and Water Treatment*, **2015**, 54, 1862-1871		4
40	Theoretical study of bisphenol A photolysis. *Advances in Quantum Chemistry*, **2020**, 81, 191-217	1.4	4
39	Nature of Electronically Excited States of Furocoumarins. *Russian Physics Journal*, **2019**, 61, 2033-2041	0.7	4
38	The use of modern UV radiation sources for the utilization of persistent toxic substances. *Atmospheric and Oceanic Optics*, **2010**, 23, 55-59	0.8	4
37	Luminescent analysis of photoinduced detoxification of phenol in the presence of humic substances. *Journal of Applied Spectroscopy*, **2006**, 73, 829-833	0.7	4
36	Potential energy surfaces of adsorption and migration of transition metal atoms on nanoporus materials: The case of nanoporus bigraphene and G-C3N4. *Applied Surface Science*, **2021**, 540, 148223	6.7	4
35	Experimental and Quantum-Chemical Study of Electronically Excited States of Protolytic Isovanillin Species. *Russian Physics Journal*, **2014**, 57, 86-94	0.7	3
34	Features of the Photodegradation of 2,4-Dichlorophenoxyacetic Acid Under the Influence of Radiation from KrCl Excilamps. *Journal of Applied Spectroscopy*, **2015**, 82, 831-834	0.7	3
33	Sequential degradation of p-cresol by photochemical and biological methods. *Applied Biochemistry and Microbiology*, **2008**, 44, 493-501	1.1	3
32	Fluorescent analysis of photoinduced biodegradation of cresol isomers. *Journal of Applied Spectroscopy*, **2008**, 75, 261-267	0.7	3
31	Influence of Complexing and Excitation Energy on Spectral and Luminescent Properties of 2-Amino-4-Methylphenol. *Russian Physics Journal*, **2005**, 48, 300-306	0.7	3

30	Unusual shift in the visible absorption spectrum of an active ctenophore photoprotein elucidated by time-dependent density functional theory. *Photochemical and Photobiological Sciences*, **2021**, 20, 559	4.2	3
29	Synthesis, Mass Spectroscopy Detection, and Density Functional Theory Investigations of the Gd Endohedral Complexes of C82 Fullerenols. *Computation*, **2021**, 9, 58	2.2	3
28	Interaction of Humic Acids with Organic Toxicants. *Russian Physics Journal*, **2016**, 59, 597-603	0.7	2
27	Fluorescence analysis of polyaromatic hydrocarbon photodegradation in the presence of polypropylene microfibers. *Luminescence*, **2019**, 34, 553-557	2.5	2
26	Comparison of Vanillin and Isovanillin Photolysis in Aqueous Solutions. *Russian Physics Journal*, **2014**, 56, 1287-1291	0.7	2
25	Spectral investigation of photochemical properties of polypropylene microfiber. *Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)*, **2013**, 114, 78-82	0.7	2
24	Application of excilamps in a flow reactor for recovery of stable toxic compounds. *Instruments and Experimental Techniques*, **2011**, 54, 841-845	0.5	2
23	The effect of UV radiation on the phenol photodegradation in the presence of humic and fulvic acids **2004**, 5743, 156		2
22	Proton-acceptor and proton-donor properties of phenol and its substitutes. *Russian Physics Journal*, **2005**, 48, 1245-1250	0.7	2
21	Development of a New Technology of Environmental Purification from Naphthalene. *Advanced Materials Research*, **2015**, 1085, 154-160	0.5	1
20	Photophysical Processes in Coumarin Sensitizers. *Russian Physics Journal*, **2020**, 63, 1339-1347	0.7	1
19	Photodegradation of some Furocoumarins in Ethanol under UV Irradiation. *Key Engineering Materials*, **2016**, 683, 402-405	0.4	1
18	Investigation of the Pour Point Depression Ability of Polyalkyl Acrylate Additives After Sonication. *Russian Physics Journal*, **2016**, 59, 1289-1294	0.7	1
17	Investigation of the Effect of Humic Acids on Phototransformation of Naphthalene Illuminated by Visible and UV Light. *Russian Physics Journal*, **2016**, 58, 1771-1774	0.7	1
16	Proteolytic Equilibria of Vanillic Acid in the Ground and Excited States. *Journal of Applied Spectroscopy*, **2016**, 83, 8-11	0.7	1
15	Phototransformation of naphthalene in water in the presence of modified polypropylene microfibers. *Russian Physics Journal*, **2011**, 54, 500-505	0.7	1
14	Investigation of the toxicity of aqueous media after high-energy exposure by the spectralluminescent methods. *Russian Physics Journal*, **2011**, 54, 627-633	0.7	1
13	Phenol and anisol fluorescence quenching in aqueous micellar solutions. *Russian Physics Journal*, **2006**, 49, 427-434	0.7	1

List of Publications

12	Spectral-Luminescent Properties of Neutral and Ionic Cresols. *Journal of Applied Spectroscopy*, **2005** , 72, 172-178	0.7	1
11	Kinetic model for UV/H2O2 degradation of 8-methoxypsoralen **2018**,		1
10	Kinetic Model for UV/H2O2 Degradation of 5-Methoxypsoralen. *Russian Physics Journal*, **2016**, 59, 552-561	0.7	1
9	Migration of Excitation Energy in Furocoumarins. *Frontiers in Chemistry*, **2021**, 9, 754950	5	0
8	Influence of UV Radiation on the Spectral Properties of 2-METYL-4-Chlorophenoxy Propionic Acids. *Russian Physics Journal*, **2020**, 63, 1424-1428	0.7	
7	Study of the Optical Spectra of 4-Hydroxy-3-Methoxibenzoic Acid. *Russian Physics Journal*, **2020**, 63, 1395-1402	0.7	
6	Electronic Spectra and Photolysis of Bisphenol A in Water. *Russian Physics Journal*, **2020**, 63, 1403-1411	0.7	
5	Control System of Parameters of the Azimuthal Module. *IOP Conference Series: Materials Science and Engineering*, **2017**, 168, 012088	0.4	
4	Photosensitized Reactions of Psoralen and Herbicides Revealed by the Pump-Probe Method. *Advanced Materials Research*, **2015**, 1085, 161-165	0.5	
3	Investigations into the spectral and luminescent properties of methylphenols in neutral and ionic forms in aqueous micelle solutions. *Russian Physics Journal*, **2005**, 48, 1166-1173	0.7	
2	Engineering of Humic Acids in Biostimulants of Plant Growths. *Studies in Systems, Decision and Control*, **2021**, 247-261	0.8	
1	Towards advanced complex quantum materials for spin-related applications and photo-induced heterogeneous catalysis: The case of (Fe)@g-CN1 (n□=□2,3) and (Mn)@(g-CN1)2. *Computational Materials Science*, **2021**, 197, 110610	3.2	