Natalia Nv Yudina

List of Publications by Citations

86 papers	261 citations	7 h-index	12 g-index
88 ext. papers	319 ext. citations	0.9 avg, IF	3.24 L-index

#	Paper	IF	Citations
86	Effect of magnetic field on the paramagnetic, antioxidant, and viscosity characteristics of some crude oils. *Petroleum Chemistry*, **2008**, 48, 51-55	1.1	18
85	Effect of ammonium-containing polyalkyl acrylate on the rheological properties of crude oils with different ratio of resins and waxes. *Journal of Petroleum Science and Engineering*, **2016**, 146, 96-102	4.4	17
84	Effect of ultrasonic treatment on the composition and properties of waxy high-resin oil. *Petroleum Chemistry*, **2016**, 56, 683-689	1.1	12
83	Interrelationship between the physical properties and the humus content of chernozems in the south of European Russia. *Eurasian Soil Science*, **2006**, 39, 187-194	1.5	10
82	Fluorescence analysis of photoinduced degradation of ecotoxicants in the presence of humic acids. *Luminescence*, **2005**, 20, 187-91	2.5	10
81	Composition and properties of humic acids from natural and mechanochemically oxidized brown coal. *Solid Fuel Chemistry*, **2015**, 49, 201-205	0.7	9
80	Effect of Constant Magnetic Field on the Rheological Properties of High-Paraffinicity Oils. *Colloid Journal*, **2003**, 65, 469-474	1.1	8
79	The influence of natural surfactants on the stabilization of oil-water emulsions. *Petroleum Chemistry*, **2010**, 50, 158-163	1.1	7
78	Stimulation of the activity of microorganisms by humin preparations in oil-polluted soils. *Eurasian Soil Science*, **2010**, 43, 210-215	1.5	7
77	Antioxidants in the water-soluble carbohydrate fractions of the moss Sphagnum fuscum and sphagnum peat. *Solid Fuel Chemistry*, **2008**, 42, 68-73	0.7	7
76	Study of Viscosity-temperature Properties of Oil and Gas-condensate Mixtures in Critical Temperature Ranges of Phase Transitions. *Procedia Chemistry*, **2014**, 10, 343-348		6
75	Influence of the conditions of mechanical activation of lignite on the composition and sorption properties of humic acids isolated from it. *Russian Journal of Applied Chemistry*, **2013**, 86, 552-557	0.8	6
74	Influence of aggregation of asphaltenes on the rheological properties of oil. *Russian Journal of Applied Chemistry*, **2013**, 86, 1370-1375	0.8	6
73	Paraffin Blockage Specificsin Model Petroliferous Systems. *Procedia Chemistry*, **2014**, 10, 229-235		6
72	Improving the structural-rheological properties of high-paraffin crude oil using chemical reagents and vibrational treatment. *Chemistry and Technology of Fuels and Oils*, **2011**, 47, 358-361	0.4	6
71	Composition of humic acids in peats with various degrees of humification. *Solid Fuel Chemistry*, **2010**, 44, 305-309	0.7	6
70	Effect of humic acids on phototransformation of methylphenols in water. *Journal of Applied Spectroscopy*, **2008**, 75, 597-602	0.7	6

69	Determination of Antioxidant Ionol (2,6-Di-tert-Butyl-4-Methylphenol) in Transformer Oils by a Kinetic Method and IR Spectrometry. *Journal of Analytical Chemistry*, **2001**, 56, 971-974	1.1	6
68	Quenching of fluorescence of phenolic compounds and modified humic acids by cadmium ions. *Luminescence*, **2016**, 31, 1098-102	2.5	6
67	Composition of the water-soluble humic preparations of mechanically activated brown coals. *Solid Fuel Chemistry*, **2017**, 51, 51-56	0.7	5
66	Effect of mechanochemical modification on the surfactant and structural properties of humic and himatomelanic acids. *Russian Journal of Physical Chemistry A*, **2017**, 91, 1273-1278	0.7	5
65	Mechanochemical solid-phase reactions of humic acids with metal ions. *Solid Fuel Chemistry*, **2016**, 50, 76-80	0.7	5
64	Association constants of modified humic acids with biocides of the triazole series: Cyproconazole and tebuconazole. *Russian Journal of Physical Chemistry A*, **2011**, 85, 1558-1561	0.7	5
63	Change in the Rheological Properties of Oil Disperse Systems upon a Vibrational Treatment. *Colloid Journal*, **2005**, 67, 602-605	1.1	5
62	Physicochemical and spectroluminescent properties of the humic acids of coals. *Solid Fuel Chemistry*, **2017**, 51, 1-5	0.7	4
61	Effect of simulated solar radiation on the interaction of humic acids with naphthalene. *Russian Journal of Applied Chemistry*, **2013**, 86, 510-514	0.8	4
60	Change in the Rheological Properties of High-Paraffin Petroleums under the Action of Vibrojet Magnetic Activation. *Journal of Engineering Physics and Thermophysics*, **2004**, 77, 1034-1039	0.6	4
59	Composition of fulvic acids after the mechanical activation of peats. *Solid Fuel Chemistry*, **2016**, 50, 7-11	0.7	3
58	Dependence of composition of asphaltene–resin–wax deposits on the water cut value. *Petroleum Chemistry*, **2016**, 56, 765-770	1.1	3
57	Sorption of humic acids by quartz sands. *Solid Fuel Chemistry*, **2014**, 48, 239-244	0.7	3
56	Mechanochemical modification of peat humic acids. *Solid Fuel Chemistry*, **2014**, 48, 328-331	0.7	3
55	Activation of the biochemical processes in an oil-contaminated soil using a light-correcting film and humic acids. *Eurasian Soil Science*, **2011**, 44, 204-210	1.5	3
54	Role of modified humic acids from peat in the detoxification of tebuconazole. *Solid Fuel Chemistry*, **2011**, 45, 62-67	0.7	3
53	Sorption properties of modified peat with respect to petroleum and heavy metals. *Solid Fuel Chemistry*, **2011**, 45, 404-407	0.7	3
52	Hydrocarbons in peat-forming plants at eutrophic bogs in Western Siberia. *Geochemistry International*, **2008**, 46, 77-84	0.8	3

51	Changes in the Composition of Humic Acids with Mechanochemical Impact on Peat and Coal. *Solid Fuel Chemistry*, **2019**, 53, 29-35	0.7	2
50	Transformations of humic acids on the mechanical activation of peat under redox conditions. *Solid Fuel Chemistry*, **2015**, 49, 123-127	0.7	2
49	Formation of Organic Deposits in Model Petroleum Systems. *Petroleum Chemistry*, **2020**, 60, 693-698	1.1	2
48	Interaction of Humic Acids with Organic Toxicants. *Russian Physics Journal*, **2016**, 59, 597-603	0.7	2
47	Comparative study of the fragment composition of humic acids isolated from caustobioliths and soil by the mechanochemical method. *Russian Journal of Applied Chemistry*, **2014**, 87, 1070-1076	0.8	2
46	Effect of the nature of an extractant on the composition and properties of lipids extracted from peat. *Solid Fuel Chemistry*, **2012**, 46, 212-216	0.7	2
45	Adsorption properties of modified peat toward organic compounds and heavy metals. *Solid Fuel Chemistry*, **2013**, 47, 288-291	0.7	2
44	Electrochemical reduction of oxygen in the presence of humic acids. *Russian Journal of Physical Chemistry A*, **2011**, 85, 1257-1260	0.7	2
43	Adsorption interactions of humic acids with biocides. *Russian Journal of Physical Chemistry A*, **2009**, 83, 1981-1985	0.7	2
42	Rheological behavior of oils in a magnetic field. *Journal of Engineering Physics and Thermophysics*, **2006**, 79, 105-113	0.6	2
41	Catalytic Properties of Mechanically Activated Humic Substances in Electroreduction of Oxygen. *Russian Journal of Applied Chemistry*, **2004**, 77, 46-50	0.8	2
40	Evolution of Composition and Properties of Lipids of Peat in Mechanochemical Treatment. *Russian Journal of Applied Chemistry*, **2005**, 78, 506-510	0.8	2
39	Effect of Phase Transitions in High-Wax Crude Oil and Emulsions on Structural-and-Rheological Properties. *Petroleum Chemistry*, **2020**, 60, 794-801	1.1	2
38	Investigation of the Pour Point Depression Ability of Polyalkyl Acrylate Additives After Sonication. *Russian Physics Journal*, **2016**, 59, 1289-1294	0.7	1
37	The Influence of Processing Conditions on the Sedimentation Kinetics of Highly Waxy Crude Oil. *Procedia Chemistry*, **2015**, 15, 49-53		1
36	Effect of mechanical activation on the composition of mineral components in humic acids isolated from carbons. *Russian Journal of Applied Chemistry*, **2015**, 88, 1311-1315	0.8	1
35	Redox properties and antiradical activity of humic acids under exposure to UV and visible light. *Russian Journal of Applied Chemistry*, **2011**, 84, 820-825	0.8	1
34	Changes in the composition and coagulation ability of humic acids after mechanochemical activation of peat. *Colloid Journal*, **2007**, 69, 604-608	1.1	1

33	Microbial transformation of the organic matter of valley peat. *Solid Fuel Chemistry*, **2007**, 41, 71-74	0.7	1
32	An IR and GC-MS Study of Substances Extracted from Peat. *Russian Journal of Applied Chemistry*, **2005**, 78, 1364-1369	0.8	1
31	Effect of magnetic field on the paramagnetic, antioxidant, and viscosity characteristics of some crude oils **2010**, 48, 51		1
30	Characteristics of Humic Acids in a System of Geochemically Linked Bog Landscapes. *Solid Fuel Chemistry*, **2020**, 54, 253-259	0.7	1
29	Composition of the Resin-Asphaltene Components in the Interfacial Layers of Water-in-Oil Emulsions. *Petroleum Chemistry*, **2021**, 61, 568-575	1.1	1
28	Colloid-chemical properties and physiological activity of water-soluble humic preparations. *Russian Journal of Applied Chemistry*, **2016**, 89, 969-974	0.8	1
27	Effect of resin-asphaltene substances on the stability of inverted emulsions **2018**,		1
26	Effect of natural surface-active substances on the rheological properties of emulsions **2018**,		1
25	Physicochemical Treatment of Oil Sediments in Oil Sludge Utilization. *Solid Fuel Chemistry*, **2021**, 55, 266-271	0.7	1
24	Formation of Humic Colloids in Aqueous Solutions at Different pH Values. *Russian Journal of Physical Chemistry A*, **2020**, 94, 742-747	0.7	0
23	Antioxidants in peat lipids. *Solid Fuel Chemistry*, **2013**, 47, 139-146	0.7	0
22	Water-in-Oil Emulsions in Paraffinic and Resinous Oils. *Petroleum Chemistry*, **2022**, 62, 183	1.1	0
21	Changes in the Structural Characteristics and Composition of Oxidized Coal Because of Mechanochemical Action. *Solid Fuel Chemistry*, **2022**, 56, 145-151	0.7	0
20	Aggregation of asphaltenes in the presence of dispersant S5A. *Petroleum Chemistry*, **2017**, 57, 48-53	1.1	
19	Study of the optical properties of asphaltenes of wax deposits of oil-water emulsions. *Journal of Physics: Conference Series*, **2020**, 1611, 012016	0.3	
18	Characterization of the Organic Matter of Humic Acids by Pyrolytic Gas Chromatography–Mass Spectrometry. *Solid Fuel Chemistry*, **2018**, 52, 116-120	0.7	
17	Application of the low-frequency vibratory method for determining the paraffin crystallization onset in dispersed petroleum systems. *Russian Journal of Applied Chemistry*, **2012**, 85, 751-754	0.8	
16	Prediction of the Effectiveness of Pour-Point Depressant Additives from Data on the Antioxidant Properties of Crude Oil. *Chemistry and Technology of Fuels and Oils*, **2015**, 50, 483-488	0.4	

15	Effect of the mechanochemical treatment of peat on the composition of aromatic hydrocarbons separated from peat lipids. *Solid Fuel Chemistry*, **2013**, 47, 258-262	0.7
14	Humic substances in the sapropelic deposits of Western Siberia. *Solid Fuel Chemistry*, **2010**, 44, 1-4	0.7
13	Conversion of lipids upon the mechanical degradation of lacustrine sediments. *Solid Fuel Chemistry*, **2010**, 44, 243-246	0.7
12	Antihypoxic and hemostimulating actions of a nettle extract prepared by a nanotechnological approach. *Pharmaceutical Chemistry Journal*, **2010**, 44, 141-143	0.9
11	Biotechnological testing of the regulator activity of products of mechanochemical treatment of peat and wood waste. *Russian Agricultural Sciences*, **2008**, 34, 156-159	0.3
10	Thermochemical study of behavior of petroleum resins. *Chemistry and Technology of Fuels and Oils*, **1988**, 24, 360-362	0.4
9	Role of Humic Acids in the Detoxification of Petroleum Hydrocarbons in Soil. *Solid Fuel Chemistry*, **2021**, 55, 332-337	0.7
8	Hydrocarbons in peat-forming plants at eutrophic bogs in Western Siberia **2010**, 46, 77	
7	Biochemical Factors Controlling the Composition of Bog Water and Migration of Substances in the System of Geochemically Linked Mire Landscapes. *Eurasian Soil Science*, **2021**, 54, 499-506	1.5
6	Structural and Mechanical Properties of Water Oil Emulsions of Highly Viscous Oils. *IOP Conference Series: Materials Science and Engineering*, **2019**, 696, 012014	0.4
5	Detoxification of oil-contaminated soils by using humic acids. *IOP Conference Series: Materials Science and Engineering*, **2019**, 597, 012020	0.4
4	Effect of Inhibiting Additive on the Structural-Mechanical Characteristics of Various Water-Oil Emulsions. *Chemistry for Sustainable Development*, **2021**, 29, 177-184	1
3	Changes in the Composition and Properties of Humic Substances upon the Mechanical Treatment of Coals with Mineral Salts. *Solid Fuel Chemistry*, **2021**, 55, 229-235	0.7
2	Study of the Antioxidant Properties of Oils by the Voltammetric Method. *Petroleum Chemistry*, **2022**, 62, 250-257	1.1
1	Physical Treatment for the Regulation of the Physicochemical Properties of a Petrolatum-Based Composition. *Solid Fuel Chemistry*, **2022**, 56, 152-156	0.7