

Ravilya Safieva

List of Publications by Year in descending order

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33
papers

1,034
citations

933447

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642732

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docs citations

33
times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasoline classification using near infrared (NIR) spectroscopy data: Comparison of multivariate techniques. <i>Analytica Chimica Acta</i> , 2010, 671, 27-35.	5.4	223
2	Neural network (ANN) approach to biodiesel analysis: Analysis of biodiesel density, kinematic viscosity, methanol and water contents using near infrared (NIR) spectroscopy. <i>Fuel</i> , 2011, 90, 2007-2015.	6.4	201
3	Gasoline classification by source and type based on near infrared (NIR) spectroscopy data. <i>Fuel</i> , 2008, 87, 1096-1101.	6.4	122
4	Near-infrared (NIR) spectroscopy for motor oil classification: From discriminant analysis to support vector machines. <i>Microchemical Journal</i> , 2011, 98, 121-128.	4.5	101
5	Biodiesel classification by base stock type (vegetable oil) using near infrared spectroscopy data. <i>Analytica Chimica Acta</i> , 2011, 689, 190-197.	5.4	97
6	Motor oil classification by base stock and viscosity based on near infrared (NIR) spectroscopy data. <i>Fuel</i> , 2008, 87, 2745-2752.	6.4	86
7	Capabilities of near Infrared Spectroscopy for the Determination of Petroleum Macromolecule Content in Aromatic Solutions. <i>Journal of Near Infrared Spectroscopy</i> , 2007, 15, 343-349.	1.5	61
8	Near-Infrared (NIR) Spectroscopy for Biodiesel Analysis: Fractional Composition, Iodine Value, and Cold Filter Plugging Point from One Vibrational Spectrum. <i>Energy & Fuels</i> , 2011, 25, 2373-2382.	5.1	58
9	The influence of the internal structure and dispersity to structural "mechanical properties of oil systems. <i>Journal of Petroleum Science and Engineering</i> , 2000, 26, 31-39.	4.2	24
10	Universal technique for optimization of neural network training parameters: gasoline near infrared data example. <i>Neural Computing and Applications</i> , 2009, 18, 557-565.	5.6	17
11	An ultrahigh-resolution mass spectrometry study of ozonation products of petroleum sulfur compounds. <i>Petroleum Chemistry</i> , 2016, 56, 623-628.	1.4	7
12	Effect of Thickener Nature on Properties of Polyurealubricant Compositions Based on Esters. <i>Chemistry and Technology of Fuels and Oils</i> , 2020, 55, 689-696.	0.5	6
13	Georadar sensing from terrestrial surface and shafts: Approaches to evaluation of rock fracturing. <i>Physics of Wave Phenomena</i> , 2015, 23, 143-153.	1.1	5
14	Systems Analysis of the Evolution of Views on Oil Systems: From Petroleum Chemistry to Petroinformatics. <i>Petroleum Chemistry</i> , 2021, 61, 539-554.	1.4	5
15	State-of-the-Art and Future Prospects of Production of Biodegradable Lubricating Greases (Review). <i>Petroleum Chemistry</i> , 2017, 57, 1144-1146.	1.4	4
16	Analysis of Sour Oil Ozonation Products by Ultra-High Resolution Mass-Spectrometry. <i>Petroleum Chemistry</i> , 2017, 57, 1012-1017.	1.4	4
17	Hydrogenation of Unsaturated Hydrocarbons on Pt and Pd Catalysts Encapsulated in Mesoporous Bakelites. <i>Chemistry and Technology of Fuels and Oils</i> , 2017, 53, 455-463.	0.5	3
18	Application of Multidimensional Analysis Methods to Dead Oil Characterization on the Basis of Data on Thermal Field-Flow Fractionation of Native Asphaltene Nanoparticles. <i>Petroleum Chemistry</i> , 2019, 59, 34-47.	1.4	3

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19	Control of Initial Phase-Forming Stages in Oil Disperse Systems. Chemistry and Technology of Fuels and Oils, 2020, 56, 205-211.	0.5	2
20	Disperse Structures and Surface Phenomena in Oil System Researched by Modern Physician Methods. Oil & Gas Science & Technology, 1997, 52, 242-244.	0.2	2
21	Chemistry of Petroleum Hydrocarbons. Historical Aspects and Current Trends. Chemistry and Technology of Fuels and Oils, 2005, 41, 116-119.	0.5	1
22	The Non-Linear Behaviour of Oil Disperse Systems At the Technological Processes of Oil Industry. Oil & Gas Science & Technology, 1997, 52, 240-241.	0.2	1
23	The Use of Biochar as Filler in Polyurea Lubricants. Chemistry and Technology of Fuels and Oils, 2021, 57, 733-739.	0.5	1
24	Effect of surfactants on atmospheric-vacuum distillation of petroleum systems. Chemistry and Technology of Fuels and Oils, 1988, 24, 250-252.	0.5	0
25	Catalytic cracking of vacuum distillate in the presence of heavy catalytic gasoil. Chemistry and Technology of Fuels and Oils, 1988, 24, 257-259.	0.5	0
26	Nonadditivity of structural-mechanical and electrophysical properties of mixed feedstock. Chemistry and Technology of Fuels and Oils, 1988, 24, 263-266.	0.5	0
27	Effects of surfactants on droplet size distributions for lubricating-oil distillates. Chemistry and Technology of Fuels and Oils, 1990, 26, 202-204.	0.5	0
28	Effect of surfactants on the phase state of the oil-phenol system. Chemistry and Technology of Fuels and Oils, 1990, 26, 428-431.	0.5	0
29	Selective purification of oil fractions with phenol in the presence of surfactants. Chemistry and Technology of Fuels and Oils, 1990, 26, 89-91.	0.5	0
30	Effect of surfactants on colloidal structure of lube distillates. Chemistry and Technology of Fuels and Oils, 1992, 28, 349-352.	0.5	0
31	Chemistry of petroleum hydrocarbons. Directions in research. Chemistry and Technology of Fuels and Oils, 2000, 36, 89-92.	0.5	0
32	Structure Simulation and Calculation of the Energy of Interaction of the Fragments of Cellulose Macromolecules. Solid Fuel Chemistry, 2019, 53, 190-196.	0.7	0
33	Ultrahigh-Resolution Mass Spectrometry Analysis of Ozonation Products of Petroleum Nitrogen Compounds. Petroleum Chemistry, 2019, 59, 1147-1152.	1.4	0