

# Viktor A Keskinov

## 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.

69  
papers

568  
citations

11  
h-index

22  
g-index

69  
ext. papers

598  
ext. citations

1.5  
avg, IF

3.3  
L-index

#	Paper	IF	Citations
69	Solubility of Rare Earth Chlorides in Ternary Water-Salt Systems in the Presence of a Fullerenol-C <sub>60</sub> (OH) <sub>24</sub> Nanoclusters at 25 °C. Models of Nonelectrolyte Solubility in Electrolyte Solutions. <i>Processes</i> , <b>2021</b> , 9, 349	2.9	1
68	Excess thermodynamic functions in aqueous systems containing soluble fullerene derivatives. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 256, 305-311	6	14
67	Physico-chemical and biological properties of C <sub>60</sub> -L-hydroxyproline water solutions. <i>RSC Advances</i> , <b>2017</b> , 7, 15189-15200	3.7	24
66	Physico-chemical properties of the C <sub>60</sub> - l-lysine water solutions. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 225, 767-777	6	17
65	Physico-chemical properties of the C <sub>60</sub> -arginine water solutions. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 211, 301-307	6	26
64	Physico-chemical properties of the water-soluble C <sub>70</sub> -tris-malonic solutions. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 211, 487-493	6	19
63	Dissociation of fullerenol-70-d in aqueous solutions and their electric conductivity. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 771-775	0.7	4
62	Solubility of [C <sub>60</sub> (=C(COOH) <sub>2</sub> ) <sub>3</sub> ] in the [C <sub>60</sub> (=C(COOH) <sub>2</sub> ) <sub>3</sub> ]-SmCl <sub>3</sub> -H <sub>2</sub> O ternary system at 25°C. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 998-1000	0.7	4
61	Synthesis, identification, and benzene solubility of the piperidine, pyrrolidine, and morpholine derivatives of fullerene C <sub>60</sub> . <i>Russian Journal of Physical Chemistry A</i> , <b>2013</b> , 87, 54-57	0.7	1
60	Synthesis and identification of bromofullerenes C <sub>70</sub> Br <sub>8</sub> and C <sub>70</sub> Br <sub>10</sub> and their solubility in some aromatic solvents. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 670-673	0.7	1
59	Synthesis of fullerenol-70-d by direct oxidation and its identification. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 674-678	0.7	7
58	Impact Resistance of Cement and Gypsum Plaster Nanomodified by Water-Soluble Fullerenols. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 14583-14591	3.9	26
57	Fullerenol-d Solubility in Fullerenol-d-Inorganic Salt-Water Ternary Systems at 25 °C. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 16095-16100	3.9	17
56	Synthesis and protection effect of fullerenol-d. II. Modification of water-soluble priming enamel with fullerenol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2012</b> , 48, 334-339	0.9	7
55	Quantum-chemical models of the annealing of open shell carbon clusters during the synthesis of fullerenes. <i>Russian Journal of Physical Chemistry A</i> , <b>2012</b> , 86, 106-113	0.7	2
54	Heavy Fullerene for Semi-Conducting Infrared Photo Diodes (1.5B.0 Th). <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2012</b> , 20, 648-655	1.8	
53	Fullerenol Synthesis and Identification. Properties of the Fullerenol Water Solutions. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 230-239	2.8	86

52	Solubility of light fullerenes in oleic, linoleic, and linolenic acids at 20 <sup>o</sup> C. <i>Russian Journal of General Chemistry</i> , <b>2011</b> , 81, 569-572	0.7	2
51	Extraction of fullerene mixture from fullerene soot with organic solvents. <i>Russian Journal of General Chemistry</i> , <b>2011</b> , 81, 920-926	0.7	7
50	Solubility and some properties of aqueous solutions of fullereneol-d and composition of crystal hydrates. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 44-49	0.8	9
49	Study of aqueous solutions of fullereneol-d by the dynamic light scattering method. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 50-53	0.8	5
48	Electrochemical properties of aqueous solutions of fullereneol-d. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 79-83	0.8	7
47	Synthesis and protection effect of fullereneol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2011</b> , 47, 307-312	0.9	5
46	The synthesis and identification of mixed fullereneol prepared by the direct one-stage oxidation of fullerene black. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 1009-1015	0.7	10
45	Heavy fullerenes for semiconducting photodiodes operating at 1.5 $\mu$ m wavelengths. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 1016-1020	0.7	
44	Fullerenes as passivating agents of the surfaces of semiconductor photo- and light-emitting diodes. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 1411-1415	0.7	1
43	Nonlinear optical properties of solutions of heavy fullerenes in the near-ultraviolet region. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 1603-1608	0.7	1
42	Temperature Dependence of Light Fullerenes Solubility in Oleic, Linoleic and Linolenic Acids. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2011</b> , 19, 300-308	1.8	3
41	Physicochemical and mathematical modeling of phase separation processes in decane-(R <sub>4</sub> N) <sub>2</sub> [Nd(NO <sub>3</sub> ) <sub>5</sub> ]-aliphatic alcohol ternary liquid systems. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2010</b> , 44, 574-579	0.9	
40	Solubility of bromofullerenes C <sub>60</sub> Br <sub>n</sub> (n = 6, 8, 24) in aqueous-ethanolic mixtures at 25 <sup>o</sup> C. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 997-1000	0.8	2
39	Synthesis and identification of fullereneol prepared by the direct oxidation route. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 2076-2080	0.8	15
38	Solubility of Light Fullerenes in Organic Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 13-36	2.8	165
37	Mutual solubility of components in the systems (R <sub>4</sub> N) <sub>2</sub> [Nd(NO <sub>3</sub> ) <sub>5</sub> ]-decane-n-octanol (n-butanol, n-decanol, cyclohexanol) at different temperatures. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 12-16	0.8	
36	Phase diagram for the hexane-[Y(NO <sub>3</sub> ) <sub>3</sub> (TBP) <sub>3</sub> ]-acetonitrile liquid ternary. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 305-311	1.5	
35	Phase separation in the (R <sub>4</sub> N) <sub>2</sub> [Nd(NO <sub>3</sub> ) <sub>5</sub> ]-hydrocarbon solvent-chloroform systems at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 482-485	1.5	

34	Phase diagram for the hexane-acetonitrile-tri-n-butyl phosphate-solvated neodymium(III) nitrate ternary liquid system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 644-647	1.5	
33	Phase diagrams of (R <sub>4</sub> N) <sub>2</sub> [Nd(NO <sub>3</sub> ) <sub>5</sub> ]-decane-n-octanol (n-butanol, n-decanol) liquid ternary systems. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 1323-1328	1.5	
32	Phase diagrams of (R <sub>4</sub> N) <sub>2</sub> [Nd(NO <sub>3</sub> ) <sub>5</sub> ]-carbon tetrachloride-n-octanol (n-butanol, n-decanol, cyclohexanol) liquid ternary systems at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 1490-1493	1.5	
31	The solubility of C <sub>60</sub> Br <sub>n</sub> (n = 6, 8, 24) in organic solvents. <i>Russian Journal of Physical Chemistry A</i> , <b>2009</b> , 83, 1935-1939	0.7	6
30	Phase equilibria in ternary liquid systems containing solvates of lutetium(III) and uranyl(VI) nitrates with tri-n-butyl phosphate and tetradecane at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 153-155	1.5	1
29	Phase diagram for the hexane-dimethylformamide-neodymium(III) nitrate tri-n-butyl phosphate solvate liquid ternary system at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 1505-1508	1.5	
28	Extraction kinetics of lanthanum(III), uranyl(VI), and thorium(IV) nitrates from water-salt solutions using a composite based on a polymeric support and tri-n-butyl phosphate at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 1666-1671	1.5	1
27	Phase diagram for the hexane-acetonitrile-tri-n-butyl phosphate-solvated thorium(IV) nitrate ternary liquid system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 1934-1938	1.5	
26	Phase diagrams for the [Th(NO <sub>3</sub> ) <sub>4</sub> (TBP) <sub>2</sub> ]-decane-[UO <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> (TBP) <sub>2</sub> ] liquid ternary system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 1939-1942	1.5	
25	The solubility of fullerenes in butyric and enanthic acids at 20±0 °C. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 728-731	0.7	8
24	The solubility of C <sub>70</sub> in n-alkanols-1 C <sub>1</sub> -C <sub>11</sub> over the temperature range 20±0 °C. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 753-757	0.7	9
23	The solubility of fullerene C <sub>70</sub> in monocarboxylic acids C <sub>n</sub> H <sub>2n</sub> COOH (n = 19) over the temperature range 20±0 °C. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 1045-1047	0.7	8
22	Extraction of uranyl nitrate with a binary extractant based on di(2,4,4-trimethylpentyl)phosphinic acid. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2008</b> , 42, 708-713	0.9	8
21	Mutual solubility between hexane and tri-n-butyl phosphate solvates of lanthanide(III) and thorium(IV) nitrates at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , <b>2007</b> , 52, 1144-1146	1.5	2
20	Polythermal solubility of fullerenes in higher isomeric carboxylic acids. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 38-41	0.8	6
19	Phase equilibria in the system fullerene C <sub>60</sub> -hexane-o-xylene-dimethylformamide. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 206-208	0.8	1
18	Solubility of fullerenes in n-alkanoic acids C <sub>2</sub> -C <sub>9</sub> . <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 456-460	0.8	12
17	Polythermal study of the solubility of fullerenes in pelargonic and caprylic acids. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 557-561	0.8	10

16	Phase equilibria in the liquid ternary system $[\text{Th}(\text{NO}_3)_4(\text{TBP})_2]$ - $[\text{Gd}(\text{NO}_3)_3(\text{TBP})_3]$ -TBP-isooctane at different temperatures. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 883-886	0.8	1
15	Stratification in a ternary liquid system $[\text{Th}(\text{NO}_3)_4(\text{TBP})_2]$ - $[\text{UO}_2(\text{NO}_3)_2(\text{TBP})_2]$ -Exide 100 solvent at various temperatures. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1281-1283	0.8	
14	Kinetics of thorium(IV) and lanthanum(III) extraction from aqueous salt solutions with composite material based on trialkylamine and polymeric support at various temperatures. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1656-1660	0.8	
13	Single-stage plasma-arc synthesis of metallo-endofullerenes. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1888-1893	0.8	1
12	Mutual solubility of the components in systems RED-1 diluent-tri-n-butyl phosphate solvates of rare-earth element(III) (Nd, Gd, Y, Yb, Lu) nitrates-Escaid 100 diluent. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 360-362	0.8	
11	Extraction of thorium(IV), lanthanum(III), and yttrium(III) nitrates with a composite solid extractant based on a polymeric support impregnated with trialkylamine. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1266-1270	0.8	2
10	Extraction of Th(IV), La(III), and Y(III) nitrates with a composite solid extractant based on a polymeric support impregnated with trialkylmethylammonium nitrate. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1802-1807	0.8	1
9	Phase equilibria at various temperatures in the ternary liquid system containing solvates of thorium(IV) and uranyl(VI) nitrates with tri-n-butyl phosphate and tetradecane. <i>Russian Journal of Inorganic Chemistry</i> , <b>2006</b> , 51, 977-979	1.5	
8	Phase Separation of Ternary Liquid Systems Tetradecane-Cyclohexanone-Lanthanide(III) Nitrate Solvates with Tri-n-butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 162-164	0.8	1
7	Phase Separation in the Systems Constituted by Tetradecane (Hexane, Decane), Tri-n-Butyl Phosphate, and Cerium(III) Nitrate Solvate with Tri-n-Butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 555-558	0.8	
6	Phase Separation in Ternary Liquid Systems Containing Rare-Earth Metal(III) Nitrate Solvates with Tri-n-butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 559-562	0.8	2
5	Effect of Temperature on Phase Separation in Liquid Binary System Constituted by Tetradecane and Samarium(III) Nitrate Solvate with Tri-n-Butyl Phosphate and Ternary System Constituted by Tetradecane, Tri-n-Butyl Phosphate, and Samarium(III) Nitrate Solvate with Tri-n-Butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 549-555	0.8	
4	Phase Separation in Ternary Liquid Systems Tetradecane-n-Octanol (or n-Butanol)-Neodymium(III) Nitrate Solvate with Tri-n-Butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 729-731	0.8	
3	Extraction of lanthanide (III) nitrates from aqueous solutions with n-octanol. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1559-1560	0.8	
2	Mutual Influence of Rare-Earth Metals(III) in Their Joint Extraction from Aqueous Solutions with a Toluene Solution of Trialkylbenzylammonium Naphthenate. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 211-216	0.8	
1	Application of Composite Materials Based on Various Extractants for Isolation of Lanthanide(III) Nitrates from Multicomponent Aqueous Solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2000</b> , 246, 601-606	1.5	