

Viktor A Keskinov

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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 Light Fullerenes in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 13-36	2.8	165
68	Fullerenol Synthesis and Identification. Properties of the Fullerenol Water Solutions. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 230-239	2.8	86
67	Physico-chemical properties of the C60-arginine water solutions. <i>Journal of Molecular Liquids</i> , 2015 , 211, 301-307	6	26
66	Impact Resistance of Cement and Gypsum Plaster Nanomodified by Water-Soluble Fullerenols. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 14583-14591	3.9	26
65	Physico-chemical and biological properties of C60-L-hydroxyproline water solutions. <i>RSC Advances</i> , 2017 , 7, 15189-15200	3.7	24
64	Physico-chemical properties of the water-soluble C70-tris-malonic solutions. <i>Journal of Molecular Liquids</i> , 2015 , 211, 487-493	6	19
63	Fullerenol-d Solubility in Fullerenol-d/Inorganic Salt/Water Ternary Systems at 25 °C. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16095-16100	3.9	17
62	Physico-chemical properties of the C 60 - l-lysine water solutions. <i>Journal of Molecular Liquids</i> , 2017 , 225, 767-777	6	17
61	Synthesis and identification of fullerenol prepared by the direct oxidation route. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 2076-2080	0.8	15
60	Excess thermodynamic functions in aqueous systems containing soluble fullerene derivatives. <i>Journal of Molecular Liquids</i> , 2018 , 256, 305-311	6	14
59	Solubility of fullerenes in n-alkanoic acids C2-C9. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 456-460	0.8	12
58	The synthesis and identification of mixed fullerenol prepared by the direct one-stage oxidation of fullerene black. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1009-1015	0.7	10
57	Polythermal study of the solubility of fullerenes in pelargonic and caprylic acids. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 557-561	0.8	10
56	Solubility and some properties of aqueous solutions of fullerenol-d and composition of crystal hydrates. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 44-49	0.8	9
55	The solubility of C70 in n-alkanols-1 C1-C11 over the temperature range 20-80 °C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 753-757	0.7	9
54	The solubility of fullerenes in butyric and enanthic acids at 20-80 °C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 728-731	0.7	8
53	The solubility of fullerene C70 in monocarboxylic acids C _n -H _{2n} -COOH (n = 1-9) over the temperature range 20-80 °C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 1045-1047	0.7	8

52	Extraction of uranyl nitrate with a binary extractant based on di(2,4,4-trimethylpentyl)phosphinic acid. <i>Theoretical Foundations of Chemical Engineering</i> , 2008 , 42, 708-713	0.9	8
51	Synthesis and protection effect of fullereneol-d. II. Modification of water-soluble priming enamel with fullereneol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2012 , 48, 334-339	0.9	7
50	Synthesis of fullereneol-70-d by direct oxidation and its identification. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 674-678	0.7	7
49	Extraction of fullerene mixture from fullerene soot with organic solvents. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 920-926	0.7	7
48	Electrochemical properties of aqueous solutions of fullereneol-d. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 79-83	0.8	7
47	The solubility of C ₆₀ Br _n (n = 6, 8, 24) in organic solvents. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 1935-1939	0.7	6
46	Polythermal solubility of fullerenes in higher isomeric carboxylic acids. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 38-41	0.8	6
45	Study of aqueous solutions of fullereneol-d by the dynamic light scattering method. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 50-53	0.8	5
44	Synthesis and protection effect of fullereneol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 307-312	0.9	5
43	Dissociation of fullereneol-70-d in aqueous solutions and their electric conductivity. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 771-775	0.7	4
42	Solubility of [C ₆₀ (=C(COOH) ₂) ₃] in the [C ₆₀ (=C(COOH) ₂) ₃]-SmCl ₃ -H ₂ O ternary system at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 998-1000	0.7	4
41	Temperature Dependence of Light Fullerenes Solubility in Oleic, Linoleic and Linolenic Acids. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011 , 19, 300-308	1.8	3
40	Quantum-chemical models of the annealing of open shell carbon clusters during the synthesis of fullerenes. <i>Russian Journal of Physical Chemistry A</i> , 2012 , 86, 106-113	0.7	2
39	Solubility of light fullerenes in oleic, linoleic, and linolenic acids at 20±0°C. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 569-572	0.7	2
38	Solubility of bromofullerenes C ₆₀ Br _n (n = 6, 8, 24) in aqueous-ethanolic mixtures at 25°C. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 997-1000	0.8	2
37	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> , 2007 , 52, 1144-1146 ^{1.5}		2
36	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> , 2006 , 79, 1266-1270	0.8	2
35	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> , 2004 , 77, 559-562	0.8	2

34	Synthesis, identification, and benzene solubility of the piperidine, pyrrolidine, and morpholine derivatives of fullerene C ₆₀ . <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 54-57	0.7	1
33	Synthesis and identification of bromofullerenes C ₇₀ Br ₈ and C ₇₀ Br ₁₀ and their solubility in some aromatic solvents. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 670-673	0.7	1
32	Fullerenes as passivating agents of the surfaces of semiconductor photo- and light-emitting diodes. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1411-1415	0.7	1
31	Nonlinear optical properties of solutions of heavy fullerenes in the near-ultraviolet region. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1603-1608	0.7	1
30	Phase equilibria in the system fullerene C ₆₀ -hexane-o-xylene-dimethylformamide. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 206-208	0.8	1
29	Phase equilibria in the liquid ternary system [Th(NO ₃) ₄ (TBP) ₂]-[Gd(NO ₃) ₃ (TBP) ₃]-TBP-isooctane at different temperatures. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 883-886	0.8	1
28	Single-stage plasma-arc synthesis of metallo-endofullerenes. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 1888-1893	0.8	1
27	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> , 2008 , 53, 153-155	1.5	1
26	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> , 2008 , 53, 1666-1671	1.5	1
25	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> , 2006 , 79, 1802-1807	0.8	1
24	Phase Separation of Ternary Liquid Systems Tetradecane-Cyclohexanone-Lanthanide(III) Nitrate Solvates with Tri-n-butyl Phosphate. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 162-164	0.8	1
23	Solubility of Rare Earth Chlorides in Ternary Water-Salt Systems in the Presence of a Fullerenol C ₆₀ (OH) ₂₄ Nanoclusters at 25 °C. Models of Nonelectrolyte Solubility in Electrolyte Solutions. <i>Processes</i> , 2021 , 9, 349	2.9	1
22	Heavy fullerenes for semiconducting photodiodes operating at 1.55.0 μm wavelengths. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1016-1020	0.7	
21	Mutual solubility of components in the systems (R ₄ N) ₂ [Nd(NO ₃) ₅]-decane-n-octanol (n-butanol, n-decanol, cyclohexanol) at different temperatures. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 12-16 ^{0.8}		
20	Phase diagram for the hexane-[Y(NO ₃) ₃ (TBP) ₃]-acetonitrile liquid ternary. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 305-311	1.5	
19	Phase separation in the (R ₄ N) ₂ [Nd(NO ₃) ₅]-hydrocarbon solvent-chloroform systems at various temperatures. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 482-485	1.5	
18	Phase diagram for the hexane-acetonitrile-tri-n-butyl phosphate-solvated neodymium(III) nitrate ternary liquid system. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 644-647	1.5	
17	Phase diagrams of (R ₄ N) ₂ [Nd(NO ₃) ₅]-decane-n-octanol (n-butanol, n-decanol) liquid ternary systems. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 1323-1328	1.5	

- 16 Phase diagrams of (R4N)₂[Nd(NO₃)₅]-carbon tetrachloride-n-octanol (n-butanol, n-decanol, cyclohexanol) liquid ternary systems at various temperatures. *Russian Journal of Inorganic Chemistry*, **2009**, 54, 1490-1493 1.5
- 15 Heavy Fullerene for Semi-Conducting Infrared Photo Diodes (1.55.0 ħ). *Fullerenes Nanotubes and Carbon Nanostructures*, **2012**, 20, 648-655 1.8
- 14 Physicochemical and mathematical modeling of phase separation processes in decane-(R4N)₂[Nd(NO₃)₅]-aliphatic alcohol ternary liquid systems. *Theoretical Foundations of Chemical Engineering*, **2010**, 44, 574-579 0.9
- 13 Stratification in a ternary liquid system [Th(NO₃)₄(TBP)₂]-[UO₂(NO₃)₂(TBP)₂]-Exide 100 solvent at various temperatures. *Russian Journal of Applied Chemistry*, **2007**, 80, 1281-1283 0.8
- 12 Kinetics of thorium(IV) and lanthanum(III) extraction from aqueous salt solutions with composite material based on trialkylamine and polymeric support at various temperatures. *Russian Journal of Applied Chemistry*, **2007**, 80, 1656-1660 0.8
- 11 Phase diagram for the hexane-dimethylformamide-neodymium(III) nitrate tri-n-butyl phosphate solvate liquid ternary system at various temperatures. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 1505-1508 1.5
- 10 Phase diagram for the hexane-acetonitrile-tri-n-butyl phosphate-solvated thorium(IV) nitrate ternary liquid system. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 1934-1938 1.5
- 9 Phase diagrams for the [Th(NO₃)₄(TBP)₂]-decane-[UO₂(NO₃)₂(TBP)₂] liquid ternary system. *Russian Journal of Inorganic Chemistry*, **2008**, 53, 1939-1942 1.5
- 8 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. *Russian Journal of Applied Chemistry*, **2006**, 79, 360-362 0.8
- 7 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. *Russian Journal of Inorganic Chemistry*, **2006**, 51, 977-979 1.5
- 6 Phase Separation in the Systems Constituted by Tetradecane (Hexane, Decane), Tri-n-Butyl Phosphate, and Cerium(III) Nitrate Solvate with Tri-n-Butyl Phosphate. *Russian Journal of Applied Chemistry*, **2004**, 77, 555-558 0.8
- 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. *Russian Journal of Applied Chemistry*, **2004**, 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. *Russian Journal of Applied Chemistry*, **2004**, 77, 729-731 0.8
- 3 Extaction of lanthanide (III) nitrates from aqueous solutions with n-octanol. *Russian Journal of Applied Chemistry*, **2004**, 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. *Russian Journal of Applied Chemistry*, **2003**, 76, 211-216 0.8
- 1 Application of Composite Materials Based on Various Extractants for Isolation of Lanthanide(III) Nitrates from Multicomponent Aqueous Solutions. *Journal of Radioanalytical and Nuclear Chemistry*, **2000**, 246, 601-606 1.5