

Anatoli A Trusov

List of Publications by Year in descending order

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32
papers

131
citations

1163117

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32
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citing authors

#	ARTICLE	IF	CITATIONS
1	Electrooptic and conductometric effects in colloids and suspensions in sinusoidally amplitude modulated sine-shaped electric fields. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 201, 31-40.	4.7	11
2	The effect of the size of particles on optical and electrooptical properties of colloids. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2013, 114, 630-638.	0.6	11
3	Electrooptical effects in colloid systems subjected to short pulses of strong electric field. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 494106.	1.8	9
4	Effect of electric field on light scattering by aqueous colloids of diamond and graphite. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 111, 832-840.	0.6	9
5	Static, dynamic and electric light scattering by aqueous colloids of diamond. <i>Diamond and Related Materials</i> , 2016, 69, 177-182.	3.9	9
6	Polydispersity of macromolecular solutions and colloids in electro-optics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 148, 29-34.	4.7	8
7	Light scattering in colloids of diamond and graphite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 400, 52-57.	4.7	8
8	Electro-optical effects in disperse systems in strong electric fields of arbitrary shape. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 456, 114-119.	4.7	8
9	Electro-optic research of polarizability dispersion in aqueous polydisperse suspensions of nanodiamonds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 40-49.	4.7	8
10	Determination of distribution of colloidal particles on their parameters in electro-optical investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 209, 123-129.	4.7	7
11	Complex electrooptic research of nano-particle parameters in colloids. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 56, 65-71.	5.0	7
12	Analysis of polydispersity of macromolecular and nanodisperse systems by electrooptical methods. <i>Polymer Science - Series C</i> , 2010, 52, 93-104.	1.7	6
13	Electro- and magneto-optical phenomena in suspensions and colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 148, 9-16.	4.7	4
14	Electro-optical studies of the dispersion of the polarizability of colloidal diamond particles in water-salt solutions. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017, 122, 440-446.	0.6	4
15	Relaxation of an electrooptical effect in colloids induced by a field of short pulses. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2008, 104, 930-934.	0.6	3
16	Light refraction in aqueous suspensions of diamond particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 417-422.	4.7	3
17	Electrical birefringence in solutions of p-aromatic polyamides. <i>Polymer Science USSR</i> , 1990, 32, 1801-1808.	0.2	2
18	Electro-optical study of the correlation between dimensions and polarizability of particles in colloid systems. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2001, 91, 634-637.	0.6	2

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19	Magneto-optical determination of particle shape distribution in colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 209, 131-137.	4.7	2
20	Magneto-optical phenomena in disperse systems in uniform linearly oriented magnetic fields. <i>Colloid Journal</i> , 2007, 69, 144-151.	1.3	2
21	Specific features of the electro-optical effect and light scattering of water dispersed system of carbon nanotubes. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2009, 107, 717-720.	0.6	2
22	Electric field light scattering in aqueous suspensions of diamond and graphite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 414, 339-344.	4.7	2
23	Investigations of Light Scattering and Refraction in Water-Dispersed Systems of Detonation Diamond. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2018, 125, 948-956.	0.6	2
24	Title is missing!. <i>Colloid Journal</i> , 2001, 63, 20-26.	1.3	1
25	An Electro-optical Method for Studying the Coagulation of Nanodisperse Systems: Formation of Aggregates of Graphite Particles in Aqueous Electrolytes. <i>Optics and Spectroscopy (English)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 457	0.6	0
26	Spectroscopic determination of the energies of complexes of water with trichloroacetic and trifluoroacetic acids in solution in CCl ₄ . <i>Soviet Physics Journal (English Translation of Izvestia)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457	0.6	0
27	A Magneto-optical Effect in a Rotating Field in the Case of a Polymorphic Colloid. <i>Colloid Journal</i> , 2002, 64, 279-283.	1.3	0
28	Light scattering by diamond and graphite nanodisperse systems with their particles orientationally ordered in an electric field. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2013, 114, 432-439.	0.6	0
29	Algorithms of electro-optical effect calculation in nanodisperse systems. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
30	Penalty function method of ill-posed problems solutions in electro-optical and spectroscopy intensity fluctuation methods. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
31	Polarizability Dispersion and Surface Electrical Conductivity of Goethite Particles in Aqueous KCl Electrolyte. <i>Colloid Journal</i> , 2019, 81, 21-27.	1.3	0
32	Polarizability and Electrosurface Properties of Colloidal Graphite Particles in Aqueous KCl Solutions. <i>Colloid Journal</i> , 2020, 82, 354-361.	1.3	0