Anatoli A Trusov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6235659/publications.pdf

Version: 2024-02-01

32	131	1163117 8	1372567 10
papers	citations	h-index	g-index

32	32	32	77
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Electrooptical Method for Studying the Coagulation of Nanodisperse Systems: Formation of Aggregates of Graphite Particles in Aqueous Electrolytes. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf		
2	Polarizability and Electrosurface Properties of Colloidal Graphite Particles in Aqueous KCl Solutions. Colloid Journal, 2020, 82, 354-361.	1.3	0
3	Polarizability Dispersion and Surface Electrical Conductivity of Goethite Particles in Aqueous KCl Electrolyte. Colloid Journal, 2019, 81, 21-27.	1.3	0
4	Light refraction in aqueous suspensions of diamond particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 417-422.	4.7	3
5	Investigations of Light Scattering and Refraction in Water-Dispersed Systems of Detonation Diamond. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 125, 948-956.	0.6	2
6	Electro-optical studies of the dispersion of the polarizability of colloidal diamond particles in water-salt solutions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 122, 440-446.	0.6	4
7	Algorithms of electro-optical effect calculation in nanodisperse systems. AIP Conference Proceedings, 2017, , .	0.4	0
8	Penalty function method of ill-posed problems solutions in electro-optical and spectroscopy intensity fluctuation methods. AIP Conference Proceedings, 2017, , .	0.4	0
9	Static, dynamic and electric light scattering by aqueous colloids of diamond. Diamond and Related Materials, 2016, 69, 177-182.	3.9	9
10	Electro-optic research of polarizability dispersion in aqueous polydisperse suspensions of nanodiamonds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 40-49.	4.7	8
11	Electro-optical effects in disperse systems in strong electric fields of arbitrary shape. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 456, 114-119.	4.7	8
12	The effect of the size of particles on optical and electrooptical properties of colloids. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 114, 630-638.	0.6	11
13	Light scattering by diamond and graphite nanodisperse systems with their particles orientationally ordered in an electric field. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 114, 432-439.	0.6	0
14	Electric field light scattering in aqueous suspensions of diamond and graphite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 414, 339-344.	4.7	2
15	Light scattering in colloids of diamond and graphite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 400, 52-57.	4.7	8
16	Effect of electric field on light scattering by aqueous colloids of diamond and graphite. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 832-840.	0.6	9
17	Analysis of polydispersity of macromolecular and nanodisperse systems by electrooptical methods. Polymer Science - Series C, 2010, 52, 93-104.	1.7	6
18	Electrooptical effects in colloid systems subjected to short pulses of strong electric field. Journal of Physics Condensed Matter, 2010, 22, 494106.	1.8	9

#	Article	IF	Citations
19	Specific features of the electrooptical effect and light scattering of water dispersed system of carbon nanotubes. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 717-720.	0.6	2
20	Relaxation of an electrooptical effect in colloids induced by a field of short pulses. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2008, 104, 930-934.	0.6	3
21	Complex electrooptic research of nano-particle parameters in colloids. Colloids and Surfaces B: Biointerfaces, 2007, 56, 65-71.	5.0	7
22	Magnetooptical phenomena in disperse systems in uniform linearly oriented magnetic fields. Colloid Journal, 2007, 69, 144-151.	1.3	2
23	Electrooptic and conductometric effects in colloids and suspensions in sinusoidally amplitude modulated sine-shaped electric fields. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 201, 31-40.	4.7	11
24	Determination of distribution of colloidal particles on their parameters in electro-optical investigation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 209, 123-129.	4.7	7
25	Magnetooptical determination of particle shape distribution in colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 209, 131-137.	4.7	2
26	A Magnetooptical Effect in a Rotating Field in the Case of a Polymorphic Colloid. Colloid Journal, 2002, 64, 279-283.	1.3	0
27	Title is missing!. Colloid Journal, 2001, 63, 20-26.	1.3	1
28	Electro-optical study of the correlation between dimensions and polarizability of particles in colloid systems. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2001, 91, 634-637.	0.6	2
29	Electro- and magneto-optical phenomena in suspensions and colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 148, 9-16.	4.7	4
30	Polydispersity of macromolecular solutions and colloids in electro-optics. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 148, 29-34.	4.7	8
31	Electrical birefringence in solutions of p-aromatic polyamides. Polymer Science USSR, 1990, 32, 1801-1808.	0.2	2
32	Spectroscopic determination of the energies of complexes of water with trichloroacetic and trifluoroacetic acids in solution in CCl4. Soviet Physics Journal (English Translation of Izvestiia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217	0.0	0