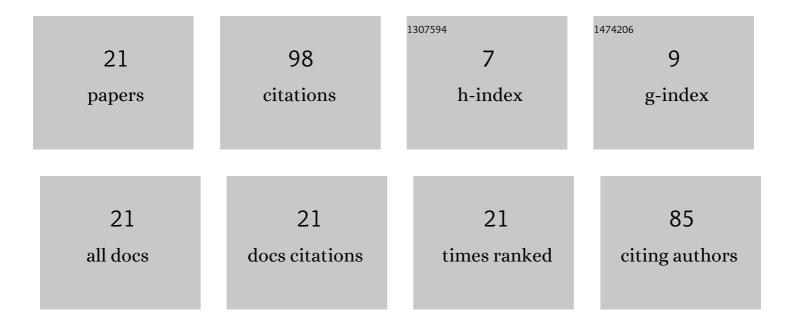
Alexei Voytylov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/121991/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Numerical methods for inverse problems in electrooptics of polydisperse colloids. Colloids and Surfaces B: Biointerfaces, 2007, 56, 121-125. | 5.0 | 13 |
| 2 | Theoretical and experimental approaches to the electro-optical study of boehmite nanoparticles with given morphology. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124095. | 4.7 | 10 |
| 3 | Electrooptical effects in colloid systems subjected to short pulses of strong electric field. Journal of Physics Condensed Matter, 2010, 22, 494106. | 1.8 | 9 |
| 4 | Static, dynamic and electric light scattering by aqueous colloids of diamond. Diamond and Related Materials, 2016, 69, 177-182. | 3.9 | 9 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Analysis of polydispersity of macromolecular and nanodisperse systems by electrooptical methods. Polymer Science - Series C, 2010, 52, 93-104. | 1.7 | 6 |
| 9 | Stability of tungsten(VI) oxide dispersions in electrolyte solutions. Colloid Journal, 2011, 73, 834-840. | 1.3 | 4 |
| 10 | 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 |
| 11 | Coagulation of aqueous nanodisperse graphite suspensions in the presence of multivalent ions. Diamond and Related Materials, 2020, 101, 107599. | 3.9 | 4 |
| 12 | 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 |
| 13 | Electrooptic properties of aqueous suspensions of nanotubes based on magnesium hydrosilicate. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 106, 50-55. | 0.6 | 3 |
| 14 | Light refraction in aqueous suspensions of diamond particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 417-422. | 4.7 | 3 |
| 15 | Magnetooptical phenomena in disperse systems in uniform linearly oriented magnetic fields. Colloid Journal, 2007, 69, 144-151. | 1.3 | 2 |
| 16 | Structure of aqueous dispersions of Mg3Si2O5(OH)4 nanotubes. Russian Journal of Applied Chemistry, 2008, 81, 207-211. | 0.5 | 2 |
| 17 | Electrooptical properties of aqueous suspensions of nickel hydrosilicate nanotubes. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 64-71. | 0.6 | 1 |
| | | | |

18 Experiment control and data aquisition in electro-optical research. , 2014, , .

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Αλέχει νουτγίον

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Diamond particles aggregation in aqueous electrolytes with multivalent ions. Diamond and Related Materials, 2022, 124, 108910. | 3.9 | 1 |
| 20 | Algorithms of electro-optical effect calculation in nanodisperse systems. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |
| 21 | Penalty function method of ill-posed problems solutions in electro-optical and spectroscopy intensity fluctuation methods. AIP Conference Proceedings, 2017, , . | 0.4 | ο |