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Current affiliation:

- Research Institute for Applied Physics and Astronomy, University of Tabriz, Tabriz, Iran until present

Publications

PUBLICATION METRICS

For manuscripts published until February 2022

TOTAL TIMES CITED

1214

H-INDEX

21

PUBLICATIONS

120

WEB OF SCIENCE DOCUMENTS

114

For all time

TOTAL TIMES CITED

1214

H-INDEX

21

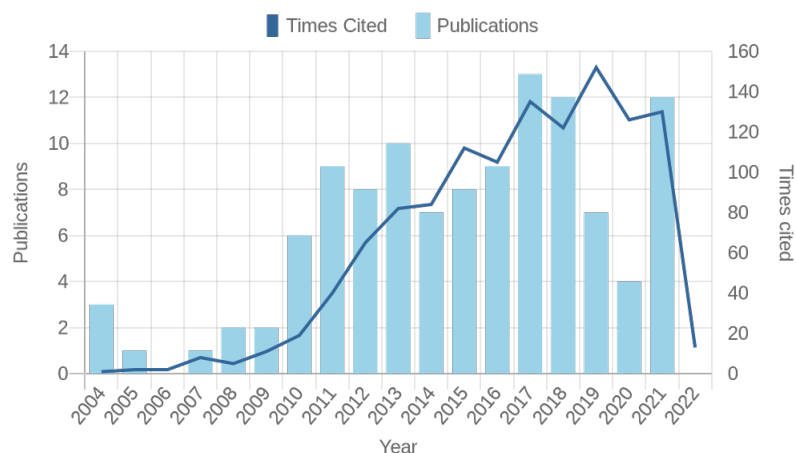
PUBLICATIONS

120

WEB OF SCIENCE DOCUMENTS

114

PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

For manuscripts published until February 2022

(29) Journal of Molecular Liquids	WOS	(17) Spectrochimica Acta Part A: Molecular...	WOS
(6) Journal of Molecular Structure	WOS	(6) Molecular Crystals and Liquid Crystals	WOS
(6) Optical Materials	WOS	(5) Optik - International Journal for Light an...	WOS
(4) Liquid Crystals	WOS	(4) Dyes and Pigments	WOS
(3) Iranian Journal of Science and Technol...	WOS	(2) Journal of Photochemistry and Photobi...	WOS
(2) RSC Advances	WOS	(2) Journal of Luminescence	WOS
(2) IEEE International Conference on Advanced O...		(2) Zeitschrift für Naturforschung A: A Jour...	WOS
(2) Canadian Journal of Physics	WOS	(2) International Journal of Radiation Rese...	WOS
(2) Zeitschrift für Physikalische Chemie	WOS	(2) Canadian Journal of Chemistry	WOS
(1) Physical Chemistry Chemical Physics	WOS	(1) Computer Methods and Programs in Bi...	WOS
(1) Chemical Science Transactions		(1) Polyhedron	WOS
(1) New Journal of Chemistry	WOS	(1) Journal of Electronic Materials	WOS
(1) International Journal of Biological Macr...	WOS	(1) Inorganica Chimica Acta	WOS
(1) Iranian Journal of Microbiology	WOS	(1) Optics & Laser Technology	WOS
(1) Iranian Journal of Radiology	WOS	(1) Journal of Polymer Research	WOS
(1) Applied Surface Science	WOS	(1) Journal of Lasers in Medical Sciences	WOS
(1) Optics Communications	WOS	(1) Surfaces and Interfaces	WOS
(1) Physica Scripta	WOS	(1) Carbohydrate Polymers	WOS
(1) Scientific Reports	WOS	(1) Physica B: Condensed Matter	WOS
(1) ICTON Mediterranean Winter Conference (ICT...		(1) Journal of Materials Chemistry C	WOS

Temperature-dependent dielectric property of a nematic liquid crystal doped with two differently-shaped tungsten oxide (W18O49) nanostructures

Published: Nov 2021 in Journal of Molecular Liquids

DOI: 10.1016/J.MOLLIQ.2021.118024

Effects of polarized light on the optical and self-oscillation behaviors of liquid crystal network polymers 0

Published: Oct 2021 in Journal of Materials Chemistry C

DOI: 10.1039/D1TC03870B

Relationship of pitch length of cholesteric liquid crystals with order parameter and normalized polarizability 1

Published: Sep 2021 in Optical Materials

DOI: 10.1016/J.OPTMAT.2021.111373

Contribution of environment polarity effects on the nonlinear hyperpolarizability and linear optical characteristics of some phenothiazines 0

Published: Aug 2021 in Journal of Molecular Liquids

DOI: 10.1016/J.MOLLIQ.2021.116328

Effect of the electric field in glow discharge plasma sheath on the optoelectronic properties of the Al_xZn_{1-x}O thin films 0

Published: Aug 2021 in Optik - International Journal for Light and Electron Optics

DOI: 10.1016/J.IJLEO.2021.166772

Changes of the TiO₂ thin film electro-optical properties in the Ar and N₂ glow discharge plasma due to effects of the electric field in plasma's sheath 0

Published: Jul 2021 in Physica B: Condensed Matter

DOI: 10.1016/J.PHYSB.2021.412820

MgO nanoparticles dispersion effects in electro optical parameters of 5CB nematic liquid crystal 0

Published: Jun 2021 in Molecular Crystals and Liquid Crystals

DOI: 10.1080/15421406.2021.1898711

Facile fabricating of rGO and Au/rGO nanocomposites using Brassica oleracea var. gongylodes biomass for non-invasive approach in cancer therapy 0

Published: Jun 2021 in Scientific Reports

DOI: 10.1038/S41598-021-91352-7

Dielectric and electro optical properties of 6CHBT nematic liquid crystals doped with MgO nanoparticles 1

Published: Apr 2021 in Liquid Crystals

DOI: 10.1080/02678292.2021.1876933

- Treatment of the ZnO and TiO₂ Thin Films by Electric Field in Plasma Sheath to Improve the Metal-Dye Electronic Coupling in Dye-Sensitized Solar Cells 1
Published: Apr 2021 in Surfaces and Interfaces
DOI: 10.1016/J.SURFIN.2021.101028
- Polyurethane compositions of Bismuth used for breast shields during chest CT 0
Published: Apr 2021 in International Journal of Radiation Research
DOI: 10.18869/ACADPUB.IJRR.19.2.451
- Temperature dependent features of polymer stabilized cholesteric liquid crystals based on selected liquid crystal characteristics 1
Published: Mar 2021 in Optik - International Journal for Light and Electron Optics
DOI: 10.1016/J.IJLEO.2021.166354
- Linear and nonlinear optical properties of human hemoglobin 0
Published: Jan 2021 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2020.118855
- Solvent polarity sensitive characteristics of various tautomers of azo compounds: Linear and nonlinear optical properties 2
Published: Oct 2020 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2020.118445
- Dispersion engineering of two-dimensional photonic crystals composed of graphene-covered tellurium rods 1
Published: Oct 2020 in Optik - International Journal for Light and Electron Optics
DOI: 10.1016/J.IJLEO.2020.165235
- Investigation of the spectroscopic features along with the media polarity effect in some symmetrical disc-shaped liquid crystals 1
Published: Jul 2020 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2020.113226
- Two-Dimensional Hybrid Photonic Crystal With Graded Low-Index Using a Nonuniform Voltage 0
Published: Jan 2020 in Zeitschrift für Naturforschung A: A Journal of Physical Sciences
DOI: 10.1515/ZNA-2019-0144
- Characterization of short-range molecular interaction by empirical solvent polarity scale to analyze the Kerr effect of nematic liquid crystals in the isotropic phase 0
Published: Dec 2019 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2019.111653
- Investigation of interactional behavior and relative photo-physical properties in a group of bioactive compounds 1
Published: Aug 2019 in Journal of Photochemistry and Photobiology A: Chemistry
DOI: 10.1016/J.JPHOTOCHEM.2019.111873

Designing and construction of breast shields using silicone compsoite of Bismuth for chest CT	1
Published: Jul 2019 in International Journal of Radiation Research DOI: 10.18869/ACADPUB.IJRR.17.3.491	
Continuous microfluidic fabrication of polypyrrole nanoparticles	4
Published: Jun 2019 in RSC Advances DOI: 10.1039/C9RA00946A	
Investigation on environmental sensitivity characteristics of pyridine compounds with different position of N-atoms and various active functional groups	4
Published: Feb 2019 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2018.11.090	
A method to find the initial temperature range of the short-range order in the isotropic phase of nematic liquid crystals based on the electro-optical Kerr effect	1
Published: Jan 2019 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2018.11.028	
Study of the variation of intra/intermolecular interactions and configuration of a group of Enone anticancer drugs as a result of solvation	3
Published: Jan 2019 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2018.10.081	
Pectin modification assisted by nitrogen glow discharge plasma	8
Published: Dec 2018 in International Journal of Biological Macromolecules DOI: 10.1016/J.IJBIOMAC.2018.09.033	
Liquid Crystalline Nanomaterials Extracted from Egg Yolk: Encapsulation and Characterization of Their Electro-Optical Activity as Potential Materials for Flexible LCD Displays	0
Published: Dec 2018 in Journal of Electronic Materials DOI: 10.1007/S11664-018-6645-3	
Optical anisotropy, order parameter and its critical behavior in temperature-dependent refractive indices of nematic liquid crystals	8
Published: Oct 2018 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2018.07.089	
Solvent specific and nonspecific interactions' effects on nonlinear optical responses of Cresyl Violet dye	3
Published: Oct 2018 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2018.07.084	

- Cd(II) and Cu(II) coordination polymers constructed from the expanded 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene ligand: conventional and ultrasound-assisted synthesis, crystal structure, luminescence and magnetic properties 4
Published: Oct 2018 in New Journal of Chemistry
DOI: 10.1039/C8NJ02605J
- Physical model for temperature-dependent dielectric properties of anisotropic nematic liquid crystals 4
Published: Aug 2018 in Physical Chemistry Chemical Physics
DOI: 10.1039/C8CP01577E
- A novel synthesis of magnetic and photoluminescent graphene quantum dots/MFe₂O₄ (M = Ni, Co) nanocomposites for catalytic application 23
Published: Jun 2018 in Applied Surface Science
DOI: 10.1016/J.APSUSC.2018.02.283
- A comparative study of media polarity effects on the linear and third-order nonlinear optical responses of thiazine dyes 3
Published: Mar 2018 in Canadian Journal of Physics
DOI: 10.1139/CJP-2017-0271
- Media polarity and concentration roles on the third order nonlinear behaviors of thiazine dyes 6
Published: 2018 in Optics & Laser Technology
DOI: 10.1016/J.OPTLASTEC.2017.10.007
- New linear solvation energy relationships for empirical solvent scales using the Kamlet-Abboud-Taft parameter sets in nematic liquid crystals 4
Published: 2018 in RSC Advances
DOI: 10.1039/C8RA03701A
- Near-Infrared Visual Differentiation in Normal and Abnormal Breast Using Hemoglobin Concentrations 3
Published: 2018 in Journal of Lasers in Medical Sciences
DOI: 10.15171/JLMS.2018.11
- The Roles of Solute-Solute and Solute-Solvent Interactions on the Nonlinearity of Aqueous Solutions of Ionic Dyes 2
Published: 2018 in Zeitschrift für Naturforschung A: A Journal of Physical Sciences
DOI: 10.1515/ZNA-2018-0154
- Optical and Structural Effects due to the Control of Organic and Inorganic Composition Percentage in CH₃NH₃PbBr₃ Perovskite 3
Published: Dec 2017 in Iranian Journal of Science and Technology, Transactions A: Science
DOI: 10.1007/S40995-017-0308-8
- Photo-physical and interactional behavior of two members of group B vitamins in different solvent media 5
Published: Sep 2017 in Journal of Molecular Structure
DOI: 10.1016/J.MOLSTRUC.2017.05.049

- Media and solute-solvent interaction effects on the photo-physical behavior of some drugs of 4H-Pyran derivatives 7
Published: Jul 2017 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2017.05.029
- Optical and Structural Effects Due to the Control of Organic and Inorganic Composition Percentage in CH₃NH₃PbBr₃ Perovskite
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- 2D holodirected lead(II) halide coordination polymers based on rigid N, N'-bis(4-pyridylmethylidyne) phenylene-1,4-diamine ligand: Syntheses, crystal structures, NBO studies and luminescence properties 10
Published: Jun 2017 in Polyhedron
DOI: 10.1016/J.POLY.2017.03.022
- Linear dichroism and order parameters of nematics doped with azo dyes 5
Published: Apr 2017 in Molecular Crystals and Liquid Crystals
DOI: 10.1080/15421406.2017.1289442
- Order parameter and crossover temperature from temperature-dependent refractive indices for low birefringence liquid crystals 14
Published: Mar 2017 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2017.01.036
- Construction of new 1 D and 2D coordination polymers generated from rigid N,N'-bis(4-pyridylmethylene)-1,5-naphthalenediamine ligand: Syntheses, crystal structures and luminescence properties 7
Published: Jan 2017 in Inorganica Chimica Acta
DOI: 10.1016/J.ICA.2016.10.021
- Environment effect on spectral and charge distribution characteristics of some drugs of folate derivatives 12
Published: Jan 2017 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2016.07.034
- The interactional behaviors and photo-physical properties of two triarylmethane drugs in solvent media 7
Published: Jan 2017 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2016.10.056
- Photo-physical behaviors of various active forms of curcumin in polar and low polar environments 6
Published: 2017 in Journal of Photochemistry and Photobiology A: Chemistry
DOI: 10.1016/J.JPHOTOCHEM.2017.08.050
- Third order nonlinear responses of Basic Blue 55 molecules in polar solvents 6
Published: 2017 in Optik - International Journal for Light and Electron Optics
DOI: 10.1016/J.IJLEO.2016.10.134

Determination of polarity parameters for liquid crystals using solvatochromic method in anisotropic and isotropic phases	4
Published: 2017 in Liquid Crystals DOI: 10.1080/02678292.2016.1233584	
Environment effects on the nonlinear absorption properties of Methylene blue under different power of excitation beam	14
Published: 2017 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2016.12.108	
Environment and solute-solvent interaction effects on photo-physical behaviors of Folic acid and Folinic acid drugs	10
Published: Dec 2016 in Journal of Molecular Structure DOI: 10.1016/J.MOLSTRUC.2016.06.068	
Solvatochromism Effects on the Photo-Physical Behavior of Two Triazole Compounds	3
Published: Nov 2016 in Zeitschrift für Physikalische Chemie DOI: 10.1515/ZPCH-2015-0698	
Photo-Physical Response of Two Triazole Compounds Against Solvent Polarity	2
Published: Nov 2016 in Zeitschrift für Physikalische Chemie DOI: 10.1515/ZPCH-2015-0750	
Assessing Absorption Coefficient of Hemoglobin in the Breast Phantom Using Near-Infrared Spectroscopy	2
Published: Oct 2016 in Iranian Journal of Radiology DOI: 10.5812/IRANJRADIOL.31581	
Role of specific and nonspecific intermolecular interaction in electro-optical response of doped 6CHBT nematic liquid crystal with azo dyes	8
Published: Sep 2016 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2016.06.046	
Study of molecular aggregation effects on the nonlinear refractive index and absorption of Oxazin 720 laser dye	4
Published: Sep 2016 in Canadian Journal of Physics DOI: 10.1139/CJP-2015-0427	
Plasma surface modification as a new approach to protect urinary catheter against Escherichia coli biofilm formation	4
Published: Aug 2016 in Iranian Journal of Microbiology	
Hydrogen bonding intermolecular effect on electro-optical response of doped 6PCH nematic liquid crystal with some azo dyes	10
Published: May 2016 in Optical Materials DOI: 10.1016/J.OPTMAT.2016.03.019	

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Published: Feb 2016 in Dyes and Pigments	
DOI: 10.1016/J.DYEPIG.2015.09.028	
Dichroic ratio and order parameters of some sudan dyes doped in nematic liquid crystalline matrix	13
Published: Dec 2015 in Optik - International Journal for Light and Electron Optics	
DOI: 10.1016/J.IJLEO.2015.09.100	
The interactional behaviors and photo-physical properties of azo-salicylaldehyde ligands in solvents media	1
Published: Nov 2015 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	
DOI: 10.1016/J.SAA.2015.06.015	
Polarity functions' characterization and the mechanism of starch modification by DC glow discharge plasma	24
Published: Aug 2015 in Carbohydrate Polymers	
DOI: 10.1016/J.CARBPOL.2015.03.056	
The specific and nonspecific solvatochromic behavior of Sudan dyes in different solvents	3
Published: Jun 2015 in Canadian Journal of Chemistry	
DOI: 10.1139/CJC-2014-0489	
Ordering Behavior and Linear Dichroism of Pure and Doped Liquid Crystals	5
Published: May 2015 in Molecular Crystals and Liquid Crystals	
DOI: 10.1080/15421406.2015.1032718	
Photo-physical properties of different types of vitamin A in solvent media	5
Published: Jan 2015 in Journal of Molecular Structure	
DOI: 10.1016/J.MOLSTRUC.2014.09.069	
Solvent effects on the molecular resonance structures and photo-physical properties of a group of oxazine dyes	18
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DOI: 10.1016/J.JLUMIN.2014.08.062	
Spectroscopic investigation of light induced response of a Cyano Azobenzene polymer	0
Published: 2015 in Iranian Journal of Science and Technology, Transactions A: Science	
Cyano azobenzene polymer films: Photo-induced reorientation and birefringence behaviors with linear and circular polarized light	4
Published: Dec 2014 in Optical Materials	
DOI: 10.1016/J.OPTMAT.2014.10.035	
Investigation of the optical bistability in the PMMA polymer doped with MNA	1
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- Green-Yellow Electroluminescence from a host-dopant blended system as the active layer in a bilayer polymer light emitting diode: Poly(n-vinyl carbazole) as the host and a new soluble thiophene based copolymer [poly(2,2'-BT)-co-(3-DDT)] as the dopant 9
Published: Nov 2014 in Optical Materials
DOI: 10.1016/J.OPTMAT.2014.09.004
- Photo-physical behavior of some antitumor anthracycline in solvent media with different polarity 4
Published: Sep 2014 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2014.04.048
- Polar and low polar solvents media effect on dipole moments of some diazo Sudan dyes 17
Published: Jun 2014 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2014.02.070
- Microwave promoted synthesis of smart superporous poly (dimethylaminoethyl methacrylate-co-acrylamide) hydrogels and study of Kamlet-Abboud-Taft polarity functions for obtained materials 7
Published: May 2014 in Journal of Polymer Research
DOI: 10.1007/S10965-014-0484-6
- Fe₃O₄ nanoparticle effect on dielectric and ordering behavior of nematic liquid crystal host 35
Published: Mar 2014 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2013.11.020
- The effects of polymer molecular weight on the performance of single-layer polymer light emitting diodes 3
Published: Nov 2013 in Physica Scripta
DOI: 10.1088/0031-8949/2013/T157/014028
- Polymeric cyanide azo compounds dipole moments and photo-physical properties in solvents media 5
Published: Oct 2013 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
DOI: 10.1016/J.SAA.2013.05.021
- Substituent and solvent effects on the dipole moments and photo-physical properties of a group of polymeric azo sulfonamide substances 3
Published: Sep 2013 in Journal of Molecular Structure
DOI: 10.1016/J.MOLSTRUC.2013.05.053
- Photo-induced birefringence investigation of azo polymer with cyano substituted group
Published: Sep 2013 in IEEE International Conference on Advanced Optoelectronics and Lasers
DOI: 10.1109/CAOL.2013.6657658

Optical properties of layered organic-inorganic perovskite (CH₃NH₃)₂PbBr₄

Published: Sep 2013 in IEEE International Conference on Advanced Optoelectronics and Lasers

DOI: 10.1109/CAOL.2013.6657609

Solvatochromic solvent polarity parameters for the characterisation of some cyanobiphenyl nematic liquid crystals 8

Published: Sep 2013 in Liquid Crystals

DOI: 10.1080/02678292.2013.807940

Optical bistability of azo dye-doped PMMA polymer 10

Published: Jul 2013 in Optical Materials

DOI: 10.1016/J.OPTMAT.2013.04.002

Optimizing experimental parameters on OPC in PMMA polymer doped azo dye 4

Published: Jun 2013 in Journal of Molecular Liquids

DOI: 10.1016/J.MOLLIQ.2013.03.010

Dielectric anisotropy, refractive indices and order parameter of W-1680 nematic liquid crystal 19

Published: May 2013 in Journal of Molecular Liquids

DOI: 10.1016/J.MOLLIQ.2013.02.011

Substituent and solvent effects on the spectroscopic properties and dipole moments of hydroxyl benzaldehyde azo dye and related Schiff bases 44

Published: Apr 2013 in Journal of Molecular Liquids

DOI: 10.1016/J.MOLLIQ.2013.01.021

Aggregative properties of Rhodamine dyes in polyacrylamide hydrophilic gel media 9

Published: Feb 2013 in Journal of Molecular Structure

DOI: 10.1016/J.MOLSTRUC.2012.09.013

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Published: Jan 2013 in Liquid Crystals

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Order Parameters and Refractive Indices of Two Carboxylate Nematic Liquid Crystals With Negative Dielectric Anisotropy 8

Published: Dec 2012 in Molecular Crystals and Liquid Crystals

DOI: 10.1080/15421406.2012.703049

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DOI: 10.1139/V2012-055

Order parameters and refractive indices of some cyano-benzoate nematic liquid crystals with high transition temperatures	19
Published: Aug 2012 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2012.05.002	
Solvent Effects on the UV/ Visible Absorption Spectra of Some Aminoazobenzene Dyes	
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Anisotropic and isotropic solvent effects on the dipole moment and photophysical properties of rhodamine dyes	48
Published: Apr 2012 in Journal of Luminescence DOI: 10.1016/J.JLUMIN.2011.11.027	
Nonlinear refractive index of some anthraquinone dyes in 1294-1b liquid crystal	15
Published: Mar 2012 in Optics Communications DOI: 10.1016/J.OPTCOM.2011.10.092	
Solvatochromism, tautomerism and dichroism of some azoquinoline dyes in liquids and liquid crystals	26
Published: Mar 2012 in Dyes and Pigments DOI: 10.1016/J.DYEPIG.2011.09.021	
Solvatochromism of Nile red in anisotropic media	40
Published: Mar 2012 in Dyes and Pigments DOI: 10.1016/J.DYEPIG.2011.07.018	
Solvatochromism effects on the dipole moments and photo-physical behavior of some azo sulfonamide dyes	21
Published: Jan 2012 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2011.09.042	
A comparative study on the aggregate formation of two oxazine dyes in aqueous and aqueous urea solutions	23
Published: Dec 2011 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2011.07.086	
Dimeric spectra analysis in Microsoft Excel: A comparative study	13
Published: Nov 2011 in Computer Methods and Programs in Biomedicine DOI: 10.1016/J.CMPB.2011.01.008	
Determination of Temperature Dependence of Kerr Constant for Nematic Liquid Crystal	5
Published: Jun 2011 in Molecular Crystals and Liquid Crystals DOI: 10.1080/15421406.2011.569662	

Infrared Linear-Dichroism (IR-LD) Study of the Nematic Liquid Crystals Doped with Polymer	2
Published: Jun 2011 in Molecular Crystals and Liquid Crystals DOI: 10.1080/15421406.2011.572807	
Substituent and solvent effects on the dipole moments and photophysical properties of two azo sulfonamide dyes	22
Published: Jun 2011 in Journal of Molecular Structure DOI: 10.1016/J.MOLSTRUC.2011.04.023	
Investigation of the Kerr effect and third-order susceptibility constants in a nematic liquid crystal	3
Published: Jun 2011 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2011.04.005	
Intramolecular and intermolecular hydrogen-bonding effects on the dipole moments and photophysical properties of some anthraquinone dyes	22
Published: Jun 2011 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2011.02.003	
Estimation of ground- and excited-state dipole moments of oxazine 1 in liquid and liquid crystalline media	8
Published: Jun 2011 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2011.02.026	
Effect of anisotropic and isotropic solvent on the dipole moment of coumarin dyes	23
Published: Mar 2011 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2010.12.002	
Refractive indices and order parameters of some tolane-based nematic liquid crystals	34
Published: Nov 2010 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2010.08.015	
Anisotropic media effect on the dipole moment of some coumarin dyes	22
Published: Nov 2010 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2010.07.013	
Substituent and solvent effects on the photo-physical properties of some coumarin dyes	30
Published: Oct 2010 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2009.12.060	
Effect of polyacrylamide hydrophilic gel composition on photo-physical behavior of Oxazine 750	7
Published: Sep 2010 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2010.04.045	

Isotropic and anisotropic environment effects on the UV/vis absorption spectra of three disperse azo dyes	34
Published: Jul 2010 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2010.04.010	
Effect of hydrophilic gel composition on photo-physical behavior of Oxazine720	7
Published: Jul 2010 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2010.03.003	
Effects of nematic liquid crystals host on the molecular aggregation of Rhodamine 6G laser dye	
Published: Dec 2009 in ICTON Mediterranean Winter Conference (ICTON-MW) DOI: 10.1109/ICTONMW.2009.5385542	
Nonlinear optical properties of two oxazine dyes in aqueous solution and polyacrylamide hydrogel using single beam Z-scan	31
Published: Nov 2009 in Optical Materials DOI: 10.1016/J.OPTMAT.2009.05.011	
Effects of surfactants on the molecular aggregation of rhodamine dyes in aqueous solutions	63
Published: May 2009 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2008.09.033	
Photo-physical behavior of thiazine dyes with or without surfactants into poly-HEMA hydrophilic gel matrix	13
Published: Oct 2008 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2008.05.016	
The photophysical properties of Nile red and Nile blue in ordered anisotropic media	64
Published: Jan 2008 in Dyes and Pigments DOI: 10.1016/J.DYEPIG.2007.10.002	
Guest-host interaction of some aminoazobenzene dyes doped in liquid crystalline matrix	32
Published: Nov 2007 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2007.01.012	
Effect of poly-HEMA hydrophilic gel environment on the photo-physical behavior of rhodamine dyes	12
Published: Feb 2005 in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy DOI: 10.1016/J.SAA.2004.05.035	
The anion effect and molecular association of rhodamine dyes in isotropic and anisotropic solvents	14
Published: Oct 2004 in Journal of Molecular Liquids DOI: 10.1016/J.MOLLIQ.2003.12.024	

Electric linear dichroism study of some Sudan dyes using electro-optic and spectroscopic methods

28

Published: Feb 2004 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2003.08.001

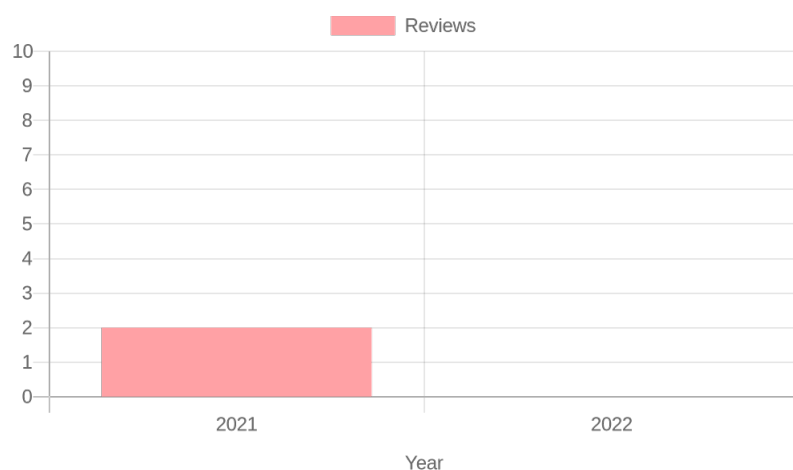
Absorption anisotropy and molecular association of some ionic dyes in liquid crystalline solution

16

Published: Feb 2004 in Journal of Molecular Liquids
DOI: 10.1016/J.MOLLIQ.2003.06.004

Verified reviews

REVIEW SUMMARY



REVIEWER SUMMARY

For manuscripts reviewed until February 2022

(2) RSC Advances

WOS