

# Dana Ortansa Dorohoi

## List of Publications by Year in descending order

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35  
papers

247  
citations

1163117

8  
h-index

1125743

13  
g-index

35  
all docs

35  
docs citations

35  
times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent influence on the electronic absorption spectra (EAS) of 1,6-diphenyl-1,3,5-hexatriene (DPH). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 102, 219-225.	3.9	22
2	Specific interactions in N-ylid solutions, studied by nuclear magnetic resonance and electronic absorption spectroscopy. <i>Journal of Molecular Structure</i> , 2013, 1044, 79-86.	3.6	20
3	Solvatochromic Characterization of Sudan Derivatives in Binary and Ternary Solution. <i>Analytical Letters</i> , 2016, 49, 2615-2626.	1.8	16
4	Quantum-Mechanical and Solvatochromic Characterization of Quercetin. <i>Analytical Letters</i> , 2017, 50, 2725-2739.	1.8	15
5	New method to determine the optical rotatory dispersion of inorganic crystals applied to some samples of Carpathian Quartz. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 674-677.	3.9	14
6	Intermolecular interactions in binary and ternary solutions of two cycloimmonium-carboethoxy-anilido-methylids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 670-675.	3.9	12
7	Computational and solvatochromic study of pyridinium-acetyl-benzoyl-methylid (PABM). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 307-315.	3.9	12
8	Computational and Spectral Means for Characterizing the Intermolecular Interactions in Solutions and for Estimating Excited State Dipole Moment of Solute. <i>Symmetry</i> , 2020, 12, 1299.	2.2	12
9	Spectral and Quantum Mechanical Characterization of 3-(2-Benzothiazolyl)-7-(Diethylamino) Coumarin (Coumarin 6) in Binary Solution. <i>Analytical Letters</i> , 2017, 50, 2740-2754.	1.8	11
10	Birefringence and dichroism of poly(vinyl-alcohol) foils containing phthalazinium ylids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 334-338.	3.9	8
11	Electronic Absorption Spectra of Two 3-Aryl-pyridazinium-2,4,6-picryl-benzoyl-methylids. <i>Spectroscopy Letters</i> , 2012, 45, 383-391.	1.0	8
12	Quantum-mechanical study and spectral analysis on some derivatives of Rhodamine in solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 172, 91-99.	3.9	8
13	Optimized Synthesis of New Thiosemicarbazide Derivatives with Tuberculostatic Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12139.	4.1	8
14	About intermolecular interactions in binary and ternary solutions of some azo-benzene derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 2008-2014.	3.9	7
15	New method for determining the optical rotatory dispersion of hydroxypropyl cellulose polymer solutions in water. <i>Polymer Engineering and Science</i> , 2015, 55, 1077-1081.	3.1	7
16	Spectral study of specific interactions between zwitterionic compounds and protic solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 172, 58-64.	3.9	7
17	Solvent scales used to study the intermolecular interactions in binary solutions of two p-aryl-pyridazinium methylids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 149-155.	3.9	6
18	Specific and universal interactions in Benzo-[f]-Quinolinium Acetyl-Benzoyl Methylid (BQABM) solutions; excited state dipole moment of BQABM. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 184-191.	3.9	6

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19	Excited state dipole moment of two pyridazinium-p-nitro-phenacylids estimated from solvatochromic study. <i>Spectroscopy Letters</i> , 2020, 53, 1-11.	1.0	6
20	Birefringence of Thin Uniaxial Polymer Films Estimated Using the Light Polarization Ellipse. <i>Polymers</i> , 2022, 14, 1063.	4.5	6
21	Changes in morphology and optical properties of polyvinyl alcohol foils induced by Congo red dye concentration and stretching degree. <i>Journal of Polymer Engineering</i> , 2014, 34, 345-351.	1.4	5
22	Two phase photochemical synthesis of silver nanoparticles and their impact on the chlorophylls. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 698, 56-64.	0.9	5
23	Spectroscopic and quantum-chemical study of molecular interactions of iso-quinolinium ylids in polar solutions. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 698, 87-97.	0.9	4
24	Effect of mechanical treatments on orientation behavior and spectral properties of azoderivative dyes incorporated in poly(vinyl alcohol) films. <i>Polymer Engineering and Science</i> , 2021, 61, 2453.	3.1	4
25	Some Aryl-1,2,4-triazol-1-ium Phenacylids in Binary Hydroxyl Solvent Mixtures. <i>Computational and Spectral Study. Symmetry</i> , 2021, 13, 1656.	2.2	4
26	Quantum Mechanical and Absorption Spectral Characterization of Rhodamine B in Ternary Solution. <i>Analytical Letters</i> , 2016, 49, 2606-2614.	1.8	3
27	Optimized Synthesis of New N-Mustards Based on 2-Mercaptobenzoxazole Derivatives with Antitumor Activity. <i>Biomedicines</i> , 2021, 9, 476.	3.2	3
28	Solvatochromic Study of Two Carbanion Monosubstituted 4-Tolyl-1,2,4-triazol-1-ium Phenacylids in Binary Hydroxyl Solvent Mixtures. <i>Molecules</i> , 2021, 26, 3910.	3.8	3
29	Dichroism of stretched poly vinyl alcohol (PVA) foils containing pyridazinium ylids II. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
30	Some physico-chemical characteristics of amino-acid derivatives containing rest of 1,2,4-triazole-3,4-di-substituted with potential antitumoral activity. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 697, 97-107.	0.9	2
31	Quantum-chemical simulation and experimental study of some magnetic nanoparticles stabilized in fluid suspensions by using organic coating. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 698, 38-45.	0.9	1
32	Visible Channeled Spectra of a Multilayer Wood Filter. <i>Spectroscopy Letters</i> , 2012, 45, 378-382.	1.0	0
33	Binary and ternary solutions of zwitterionic compounds: theoretical and spectral studies. <i>Molecular Crystals and Liquid Crystals</i> , 0, , 1-23.	0.9	0
34	Spectral methods to estimate the strength of intermolecular interactions in liquids. <i>Molecular Crystals and Liquid Crystals</i> , 0, , 1-12.	0.9	0
35	Investigation of 8-hydroxyquinoline by quantum-mechanical modeling and visible absorption spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 0, , 1-13.	0.9	0