

Siddharth Pandey

List of Publications by Year in descending order

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papers

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3480
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#	ARTICLE	IF	CITATIONS
1	Prototropic behavior of naphthalene derived probes in deep eutectic solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113798.	3.9	1
2	Design and thermophysical characterization of betaine hydrochloride-based deep eutectic solvents as a new platform for CO ₂ capture. <i>New Journal of Chemistry</i> , 2022, 46, 5332-5345.	2.8	10
3	Contrasting ground- and excited-state intramolecular aggregation in choline chloride-based deep eutectic solvents <i>versus</i> a liquid polymer. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8361-8370.	2.8	2
4	Prototropic forms of hydroxy derivatives of naphthoic acid within deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9096-9108.	2.8	2
5	Formation of water-in-oil microemulsions within a hydrophobic deep eutectic solvent. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 10629-10635.	2.8	14
6	Ionic Liquid-Controlled Shape Transformation of Spherical to Nonspherical Polymersomes via Hierarchical Self-Assembly of a Diblock Copolymer. <i>Langmuir</i> , 2021, 37, 5081-5088.	3.5	7
7	Donor-acceptor complex formation in tetra- <i>n</i> -butylammonium chloride: <i>n</i> -decanoic acid deep eutectic solvent. <i>Journal of Chemical Physics</i> , 2021, 154, 164513.	3.0	2
8	Enhanced solubility and improved stability of curcumin in novel water-in-deep eutectic solvent microemulsions. <i>Journal of Molecular Liquids</i> , 2021, 339, 117037.	4.9	15
9	Effect of lithium salt on fluorescence quenching in glycerol: a comparison with ionic liquid/deep eutectic solvent. <i>Physical Chemistry Chemical Physics</i> , 2021, 24, 459-467.	2.8	2
10	Applications of Ionic Liquids in Green Catalysis: A Review of Recent Efforts. <i>Current Catalysis</i> , 2021, 10, 165-178.	0.5	0
11	Enhanced Dissolution of Chitin Using Acidic Deep Eutectic Solvents: A Sustainable and Simple Approach to Extract Chitin from Crayfish shell Wastes as Alternative Feedstocks. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16073-16081.	6.7	23
12	Norharmene prototropism in choline chloride-based deep eutectic solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112138.	3.9	5
13	Micellization Behavior of Conventional Cationic Surfactants within Glycerol-Based Deep Eutectic Solvent. <i>ACS Omega</i> , 2020, 5, 19350-19362.	3.5	33
14	Unprecedented formation of reverse micellar vesicles from psuedopeptidic bottlebrush polymers. <i>Chemical Communications</i> , 2020, 56, 12005-12008.	4.1	10
15	Controlling Microarray Feature Spreading and Response Stability on Porous Silicon Platforms by Using Alkene-Terminal Ionic Liquids and UV Hydrosilylation. <i>Langmuir</i> , 2020, 36, 5474-5482.	3.5	1
16	Fluorescence Quenching by Nitro Compounds within a Hydrophobic Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4164-4173.	2.6	17
17	Interaction of an Acid Functionalized Magnetic Ionic Liquid with Gemini Surfactants. <i>Journal of Solution Chemistry</i> , 2020, 49, 715-731.	1.2	2
18	Fluorescence Quenching of Dipyrenylalkanes by an Electron/Charge Acceptor. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2668-2675.	2.6	6

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19	Multi-spectroscopic investigation on the inclusion complexation of β -cyclodextrin with long chain ionic liquid. <i>Carbohydrate Research</i> , 2020, 491, 107982.	2.3	1
20	Effect of ionic liquid on the fluorescence of an intramolecular exciplex forming probe. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 251-260.	2.9	3
21	Photophysical Behavior and Fluorescence Quenching of α -Tryptophan in Choline Chloride-Based Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7578-7587.	2.6	14
22	Concealed diagnosis of duodenal perforation in a patient with emphysematous pyelonephritis: the dilemma of air in the right perirenal space. <i>BMJ Case Reports</i> , 2019, 12, bcr-2018-228629.	0.5	2
23	Interaction of Ionic Liquid with Silver Nanoparticles: Potential Application in Induced Structural Changes of Globular Proteins. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11088-11100.	6.7	26
24	Pyrene Fluorescence To Probe a Lithium Chloride-Added (Choline Chloride + Urea) Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3103-3111.	2.6	23
25	Unprecedented Intramolecular Association-Induced Fluorescence in Tryptophan-Conjugated Peptidomimetics. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3112-3117.	2.6	3
26	Case of wide calibre false urethral passage in a patient of urethral stricture. <i>BMJ Case Reports</i> , 2019, 12, e229362.	0.5	0
27	Isolated glanular gangrene; a rare sequel of priapism. <i>BMJ Case Reports</i> , 2019, 12, e229432.	0.5	0
28	Fixed-Path Length Laser-Induced Sound Pinging: A Streamlined Method for Sound Speed Determination in Arbitrary Liquids. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4924-4931.	1.9	4
29	Can common liquid polymers and surfactants capture CO ₂ ?. <i>Journal of Molecular Liquids</i> , 2019, 277, 594-605.	4.9	12
30	Effect of lithium chloride on the density and dynamic viscosity of choline chloride/urea deep eutectic solvent in the temperature range (303.15–358.15) K. <i>Journal of Chemical Thermodynamics</i> , 2019, 130, 166-172.	2.0	28
31	Self-assembly of a short-chain ionic liquid within deep eutectic solvents. <i>RSC Advances</i> , 2018, 8, 7969-7979.	3.6	52
32	Fluorescence Quenching within Lithium Salt-Added Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5106-5113.	2.6	7
33	Self-aggregation of bio-surfactants within ionic liquid 1-ethyl-3-methylimidazolium bromide: A comparative study and potential application in antidepressants drug aggregation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 376-386.	3.9	24
34	Applications of ionic liquids in biphasic separation: Aqueous biphasic systems and liquid-liquid equilibria. <i>Journal of Chromatography A</i> , 2018, 1559, 44-61.	3.7	60
35	Densities and dynamic viscosities of ionic liquids having 1-butyl-3-methylimidazolium cation with different anions and bis (trifluoromethylsulfonyl)imide anion with different cations in the temperature range (283.15 to 363.15) K. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 67-75.	2.0	36
36	Lithium bis (trifluoromethylsulfonyl)imide-added ionic liquid 1-ethyl-3-methylimidazolium bis (trifluoromethylsulfonyl)imide mixture: Densities and dynamic viscosities in the temperature range (298.15–358.15) K. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 159-165.	2.0	21

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37	Bilateral renal cell carcinoma with bilateral adrenal metastasis: a therapeutic challenge. BMJ Case Reports, 2018, 11, e227176.	0.5	4
38	Vesicovaginal fistula and vesicocutaneous fistula in a patient having pelvic ectopic kidney with pyonephrosis: a unique therapeutic challenge. BMJ Case Reports, 2018, 2018, bcr-2018-225331.	0.5	1
39	Foreign body urethra misdiagnosed as stricture leading to inadequate management and prolonged treatment duration: a lesson to learn. BMJ Case Reports, 2018, 2018, bcr-2018-224494.	0.5	1
40	Periurethral abscess drained by iatrogenic urethral fistula in a middle-aged man. BMJ Case Reports, 2018, 2018, bcr-2018-224946.	0.5	0
41	Massively dilated common bile duct: an unusual aetiology for nutcracker phenomenon. BMJ Case Reports, 2018, 2018, bcr-2018-225280.	0.5	0
42	Bilateral serpentine radio-opaque shadows near the urinary bladder: nothing but calcified vas deferens!. BMJ Case Reports, 2018, 2018, bcr-2018-225319.	0.5	2
43	Extravasation of contrast beneath the preputial skin due to improper technique of retrograde urethrogram. BMJ Case Reports, 2018, 2018, bcr-2018-225822.	0.5	0
44	Apprehension in patient's mind: leading to myiasis. BMJ Case Reports, 2018, 2018, bcr-2018-225848.	0.5	1
45	Penile cutaneous horn: still an enigma. BMJ Case Reports, 2018, 2018, bcr-2018-225930.	0.5	3
46	Rare cause of voiding dysfunction in an adult man: urethral diverticulum compressing the anterior urethra. BMJ Case Reports, 2018, 2018, bcr-2018-226446.	0.5	0
47	Post-extracorporeal shockwave lithotripsy perirenal haematoma. BMJ Case Reports, 2018, 2018, bcr-2018-226555.	0.5	0
48	Penile fracture after priapism due to sildenafil ingestion: out of frying pan into the fire. BMJ Case Reports, 2018, 2018, bcr-2018-226562.	0.5	2
49	Chronic urinary retention due to diabetic cystopathy masquerading as mesenteric cyst. BMJ Case Reports, 2018, 2018, bcr-2018-226575.	0.5	1
50	Giant urinary bladder (11 000 mL in volume) with bilateral lower limb oedema: an unusual cause of inferior vena cava obstruction. BMJ Case Reports, 2018, 2018, bcr-2018-226794.	0.5	1
51	Scrotal oedema: a misadventure of direct vision internal urethrotomy. BMJ Case Reports, 2018, 2018, bcr-2018-226829.	0.5	0
52	Isolated Fournier's gangrene of the penis with penile autoamputation. BMJ Case Reports, 2018, 2018, bcr-2018-226862.	0.5	3
53	Leukoplakia of the urinary bladder: keratinising squamous metaplasia. BMJ Case Reports, 2018, 2018, bcr-2018-227019.	0.5	1
54	Strangulated urethral prolapse in a postmenopausal woman presenting as acute urinary retention. BMJ Case Reports, 2018, 2018, bcr-2018-227040.	0.5	1

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55	Delayed pressure urticaria due to non-invasive blood pressure monitoring in a previously non-atopic man. BMJ Case Reports, 2018, 2018, bcr-2018-227267.	0.5	1
56	Inadvertent inflation of Foley catheter balloon with contrast: an error that caused unnecessary apprehensions. BMJ Case Reports, 2018, 2018, bcr-2018-225153.	0.5	1
57	Unusual cause of obstructive uropathy: bilateral steinstrasse. BMJ Case Reports, 2018, 2018, bcr-2018-225578.	0.5	0
58	Urachal adenocarcinoma. BMJ Case Reports, 2018, 2018, bcr-2018-226207.	0.5	3
59	Missed ureteral injury in a young man with stab injury. BMJ Case Reports, 2018, 2018, bcr-2018-226261.	0.5	0
60	Purple urinary bag syndrome: what every primary healthcare provider should know. BMJ Case Reports, 2018, 2018, bcr-2018-226395.	0.5	4
61	Desire for lasting long in bed led to contact allergic dermatitis and subsequent superficial penile gangrene: a dreadful complication of benzocaine-containing extended-pleasure condom. BMJ Case Reports, 2018, 2018, bcr-2018-227351.	0.5	2
62	Pelvic hydatid: the great masquerader. BMJ Case Reports, 2018, 2018, bcr-2018-227409.	0.5	0
63	Knotted electric wire in urinary bladder: Can such complex foreign body be retrieved endoscopically!. BMJ Case Reports, 2018, 2018, bcr-2018-225353.	0.5	2
64	Inequalities in healthcare access: how a man with exstrophy in rural India coped. BMJ Case Reports, 2018, 2018, bcr-2018-226857.	0.5	0
65	Spontaneous renal infarct heralding bowel ischaemia in an adult male: lessons to learn from a rare clinical association. BMJ Case Reports, 2018, 2018, bcr-2017-223745.	0.5	0
66	Embryonal rhabdomyosarcoma of urinary bladder in an adult patient: an unusual manifestation. BMJ Case Reports, 2018, 2018, bcr-2018-224255.	0.5	1
67	Medullary sponge kidney and Caroli's disease in a patient with stricture urethra: look for the hidden in presence of the apparent. BMJ Case Reports, 2018, 11, bcr-2018-226746.	0.5	3
68	Chain of migrating ureteral calculi: a cat and mouse game. BMJ Case Reports, 2018, 11, e226833.	0.5	0
69	Modifying Properties of Aqueous Micellar Solutions by External Additives: Deep Eutectic Solvent versus Its Constituents. ChemistrySelect, 2018, 3, 12652-12660.	1.5	4
70	Unplanned 30-day readmission rates in patients undergoing endo-urological surgeries for upper urinary tract calculi. Investigative and Clinical Urology, 2018, 59, 321.	2.0	5
71	Host-guest complexation of ionic liquid with β - and γ -cyclodextrins: a comparative study by $^1\text{H-NMR}$, $^{13}\text{C-NMR}$ and COSY. New Journal of Chemistry, 2018, 42, 14542-14550.	2.8	11
72	Simultaneous presentation of Wunderlich's syndrome and thyroid nodule in a patient with Tuberous sclerosis: Are thyroid lesions a part of Tuberous Sclerosis Complex?. American Journal of Diagnostic Imaging, 2018, 4, 14.	0.1	0

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73	Benign fibroepithelial bladder polyp: a rare cause of childhood haematuria. BMJ Case Reports, 2018, 2018, bcr-2018-226050.	0.5	1
74	Post-traumatic bony impingement into vagina: a rare cause of urethrovaginal fistula. BMJ Case Reports, 2018, 2018, bcr-2018-226004.	0.5	4
75	Gossypiboma masquerading as nephrocutaneous fistula. BMJ Case Reports, 2018, 2018, bcr-2018-225992.	0.5	1
76	Giant vesicle calculi leading to spontaneous bladder rupture and acute renal failure: an unusual presentation. BMJ Case Reports, 2018, 2018, bcr-2018-225888.	0.5	2
77	Large anterior urethral calculus masquerading as periurethral abscess. BMJ Case Reports, 2018, 2018, bcr-2018-225831.	0.5	2
78	Microviscosity Offered by Ionic Liquids and Ionic Liquid-Glycol Mixtures Is Probe Dependent. Journal of Physical Chemistry B, 2017, 121, 1081-1091.	2.6	12
79	Hydrogen Bond Donor/Acceptor Cosolvent-Modified Choline Chloride-Based Deep Eutectic Solvents. Journal of Physical Chemistry B, 2017, 121, 4202-4212.	2.6	96
80	Fluorescence quenching of polycyclic aromatic hydrocarbons within deep eutectic solvents and their aqueous mixtures. Journal of Luminescence, 2017, 183, 494-506.	3.1	15
81	Aggregation of Carbocyanine Dyes in Choline Chloride-Based Deep Eutectic Solvents in the Presence of an Aqueous Base. Langmuir, 2017, 33, 9781-9792.	3.5	8
82	Superbase-Added Choline Chloride-Based Deep Eutectic Solvents for CO ₂ Capture and Sequestration. ChemistrySelect, 2017, 2, 11422-11430.	1.5	40
83	Excimer Formation Dynamics of Dipyrnyldecane in Structurally Different Ionic Liquids. Journal of Physical Chemistry B, 2017, 121, 10922-10933.	2.6	10
84	Properties of aqueous micellar solutions in the presence of ionic liquid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 507, 227-235.	4.7	4
85	A tryptophan-containing fluorescent intramolecular complex as a designer peptidic proton sensor. Physical Chemistry Chemical Physics, 2016, 18, 15046-15053.	2.8	5
86	Hybrid green nonaqueous media: tetraethylene glycol modifies the properties of a (choline chloride +) Tj ETQqO O O rgBT /Overlock 10 Tf	3.8	25
87	Evidence of Self-Aggregation of Cationic Surfactants in a Choline Chloride+Glycerol Deep Eutectic Solvent. ChemPhysChem, 2015, 16, 2538-2542.	2.1	40
88	Ionic Liquid-Based Optical and Electrochemical Carbon Dioxide Sensors. Sensors, 2015, 15, 30487-30503.	3.8	65
89	Intramolecular Excimer Formation Dynamics of 1,3-Bis-(1-pyrenyl)propane within 1-Butyl-3-methylimidazolium Hexafluorophosphate and Its Polyethylene Glycol Mixtures. Journal of Physical Chemistry B, 2015, 119, 13367-13378.	2.6	13
90	Prospective evaluation of outcome following laparoscopic cholecystectomy in patients with symptomatic gallstone disease. Oncology Gastroenterology and Hepatology Reports, 2015, 4, 14.	0.1	0

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91	Solvatochromic Probe Behavior within Choline Chloride-Based Deep Eutectic Solvents: Effect of Temperature and Water. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14652-14661.	2.6	184
92	How polar are choline chloride-based deep eutectic solvents?. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1559-1568.	2.8	238
93	Self-Aggregation of Sodium Dodecyl Sulfate within (Choline Chloride + Urea) Deep Eutectic Solvent. <i>Langmuir</i> , 2014, 30, 13191-13198.	3.5	88
94	Evidence of Water-in-Ionic Liquid Microemulsion Formation by Nonionic Surfactant Brij-35. <i>Langmuir</i> , 2014, 30, 10156-10160.	3.5	35
95	Ternary Deep Eutectic Solvents Tasked for Carbon Dioxide Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2117-2123.	6.7	196
96	Densities and Viscosities of (Choline Chloride + Urea) Deep Eutectic Solvent and Its Aqueous Mixtures in the Temperature Range 293.15 K to 363.15 K. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 2221-2229.	1.9	368
97	Densities and dynamic viscosities of (choline chloride+glycerol) deep eutectic solvent and its aqueous mixtures in the temperature range (283.15â€”363.15)K. <i>Fluid Phase Equilibria</i> , 2014, 367, 135-142.	2.5	225
98	Solvatochromic Probe Response within Ionic Liquids and Their Equimolar Mixtures with Tetraethylene Glycol. <i>Journal of Physical Chemistry B</i> , 2014, 118, 11259-11270.	2.6	23
99	Synthesis and properties of l-valine based chiral long alkyl chain appended 1,2,3-triazolium ionic liquids. <i>RSC Advances</i> , 2014, 4, 33478-33488.	3.6	7
100	Controlling excited-state prototropism via the acidity of ionic liquids. <i>RSC Advances</i> , 2013, 3, 11621.	3.6	7
101	Excimer formation of 6-(1-pyrenyl)hexyl-11(1-pyrenyl)undecanoate within an ionic liquid and cosolvent-modified ionic liquid mixture. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2389.	2.8	12
102	Fluorescence Quenching of Polycyclic Aromatic Hydrocarbons by Nitromethane within Ionic Liquid Added Aqueous Anionic Micellar Solution. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1818-1826.	3.1	7
103	Ethanolâ€”Assisted, Few Nanometer, Waterâ€”Ionicâ€”Liquid Reverse Micelle Formation by a Zwitterionic Surfactant. <i>Chemistry - A European Journal</i> , 2012, 18, 12213-12217.	3.3	26
104	Interactions within a [Ionic Liquid + Poly(ethylene glycol)] Mixture Revealed by Temperature-Dependent Synergistic Dynamic Viscosity and Probe-Reported Microviscosity. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7405-7416.	2.6	60
105	Competitive Self and Induced Aggregation of Calix[4]arene Ethers and Their Interaction with Pinacyanol Chloride and Methylene Blue in Nonaqueous Media. <i>Journal of Solution Chemistry</i> , 2010, 39, 107-120.	1.2	4
106	Role of the Surfactant Structure in the Behavior of Hydrophobic Ionic Liquids within Aqueous Micellar Solutions. <i>ChemPhysChem</i> , 2010, 11, 1044-1052.	2.1	33
107	Temperature-Dependent Solvatochromic Probe Behavior within Ionic Liquids and (Ionic Liquid +) Tj ETQq1 1 0.784314 rgBT /Overlock 66	2.6	66
108	Visual Evidence for Formation of Waterâ€”Ionic Liquid Microemulsions. <i>ChemPhysChem</i> , 2009, 10, 3204-3208.	2.1	54

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109	Ionic Liquid Induced Changes in the Properties of Aqueous Zwitterionic Surfactant Solution. <i>Langmuir</i> , 2008, 24, 6462-6469.	3.5	99
110	Dilute aqueous 1-butyl-3-methylimidazolium hexafluorophosphate: properties and solvatochromic probe behavior. <i>Green Chemistry</i> , 2007, 9, 1252.	9.0	43
111	Solute-solvent interactions within aqueous poly(ethylene glycol): solvatochromic probes for empirical determination and preferential solvation. <i>Green Chemistry</i> , 2007, 9, 254-261.	9.0	46
112	Energetic and structural characterization of 2-R-3-methylquinoxaline-1,4-dioxides (R=benzoyl) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (anhydrous)</i> <i>Chemistry</i> , 2007, 20, 491-498.	1.9	10
113	Solvatochromic Absorbance Probe Behavior and Preferential Solvation in Aqueous 1-Butyl-3-methylimidazolium Tetrafluoroborate. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 2051-2055.	1.9	60
114	An analytical view of ionic liquids. <i>Analyst, The</i> , 2005, 130, 800.	3.5	404
115	Solvation Environment Provided by Self-Assembling Aqueous Sodium Oleate+1-Octanol Small Unilamellar Vesicles. <i>Journal of Dispersion Science and Technology</i> , 2005, 26, 381-387.	2.4	17
116	Generation and pH dependent superquenching of poly(amido) carboxylate dendrons hosting a single focal point-pyrene. <i>Chemical Communications</i> , 2004, , 1318-1319.	4.1	7
117	Correlation between the fluorescent response of microfluidity probes and the water content and viscosity of ionic liquid and water mixtures. <i>Analyst, The</i> , 2004, 129, 569.	3.5	97
118	Characterization of Solvation Environment Provided by Dilute Poly(sulfonyl maleic) Fluorescence Probes. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 425-435.	2.2	28
119	Characterization of the solvation environment provided by dilute aqueous solutions of novel siloxane polysoaps using the fluorescence probe pyrene. <i>Journal of Colloid and Interface Science</i> , 2003, 262, 579-587.	9.4	29
120	Probing solute and solvent interactions within binary ionic liquid mixtures This paper is dedicated with congratulations to Professor Frank V. Bright, recipient of the 2003 New York SAS Gold Medal Award.. <i>New Journal of Chemistry</i> , 2003, 27, 1706.	2.8	139
121	Solvatochromic Probe Behavior within Ternary Room-Temperature Ionic Liquid 1-Butyl-3-methylimidazolium Hexafluorophosphate + Ethanol + Water Solutions. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13532-13539.	2.6	126
122	The Photophysics of 6-(1-Pyrenyl)hexyl-11(1-pyrenyl)undecanoate Dissolved in Organic Liquids and Supercritical Carbon Dioxide: Impact on Olefin Metathesis. <i>Journal of Physical Chemistry B</i> , 2002, 106, 1820-1832.	2.6	33
123	Behavior of the solvatochromic probes Reichardt's dye, pyrene, dansylamide, Nile Red and 1-pyrenecarbaldehyde within the room-temperature ionic liquid bmimPF6. <i>Green Chemistry</i> , 2001, 3, 210-215.	9.0	238
124	Fluorescence Polarization as a Tool to Pinpoint Vesicle Thermal Phase Transitions. <i>Journal of Chemical Education</i> , 2001, 78, 1100.	2.3	6
125	Effects of Density on the Intramolecular Hydrogen Bonding, Tail-Tail Cyclization, and Mean-Free Tail-to-Tail Distances of Pyrene End-Labeled Poly(dimethylsiloxane) Oligomers Dissolved in Supercritical CO2. <i>Macromolecules</i> , 2001, 34, 6831-6838.	4.8	20
126	Quantifying Critical Micelle Concentration and Nonidealities within Binary Mixed Micellar Systems: An Upper-Level Undergraduate Laboratory. <i>The Chemical Educator</i> , 2001, 6, 223-226.	0.0	15

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127	Effects of Added CO ₂ on the Conformation of Pyrene End-Labeled Poly(dimethylsiloxane) Dissolved in Liquid Toluene. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8585-8591.	2.6	30
128	Classification of Select Aceanthrylenes, Acephenanthrylenes and Dicyclopentapyrenes as Alternant versus Nonalternant Polycyclic Aromatic Hydrocarbons on the Basis of Their Fluorescence Quenching Behavior in the Presence of Nitromethane and Cetylpyridinium Cation Selective Quenching Agents. <i>Polycyclic Aromatic Compounds</i> , 1999, 13, 79-92.	2.6	3
129	Spectroscopic Investigations in Molecularly Organized Solvent Media. Part 4. Effect of Cosurfactant On the Ability of the Cetylpyridinium Cation to Selectively Quench Fluorescence Emission of Alternant Versus Nonalternant Polycyclic Aromatic Hydrocarbons. <i>Physics and Chemistry of Liquids</i> , 1999, 37, 565-578.	1.2	2
130	Examination of dodecylpyridinium chloride as a potentially selective fluorescence quenching agent for discriminating between alternant versus nonalternant polycyclic aromatic hydrocarbons. <i>Talanta</i> , 1999, 48, 1103-1110.	5.5	10
131	Comparison of Analytical Methods: Direct Emission versus First-Derivative Fluorometric Methods for Quinine Determination in Tonic Waters. <i>Journal of Chemical Education</i> , 1999, 76, 85.	2.3	13
132	Examination of the nitromethane selective quenching rule in micellar anionic sodium dodecylbenzenesulfonate and micellar cationic dodecylethyldimethylammonium bromide solvent media. <i>Mikrochimica Acta</i> , 1998, 129, 41-45.	5.0	10
133	Bilinear Regression Analysis as a Means To Reduce Matrix Effects in Simultaneous Spectrophotometric Determination of Cr(III) and Co(II): A Quantitative Analysis Laboratory Experiment. <i>Journal of Chemical Education</i> , 1998, 75, 878.	2.3	7
134	Kinetics-Based Indirect Spectrophotometric Method for Simultaneous Determination of MnO ₄ ⁻ and CrO ₇ ²⁻ : A Modern Instrumental Analysis Laboratory Experiment. <i>Journal of Chemical Education</i> , 1998, 75, 450.	2.3	3
135	Spectroscopic Properties of Polycyclic Aromatic Compounds. Part 5. The Nitromethane Selective Quenching Rule Revisited in Aqueous Micellar Solvent Media. <i>Polycyclic Aromatic Compounds</i> , 1997, 12, 1-19.	2.6	11
136	Spectrofluorometric Analysis of Aromatic Compounds: Review of Applicability of Nitromethane as a Selective Fluorescence Quenching Agent for Identification of Alternant vs. Nonalternant Polycyclic Aromatic Hydrocarbons. <i>Polycyclic Aromatic Compounds</i> , 1997, 12, 71-123.	2.6	16
137	Spectrochemical investigations in molecularly organized solvent media: Evaluation of nitromethane as a selective fluorescence quenching agent for alternant PAHs dissolved in micellar solvent media. <i>Analytica Chimica Acta</i> , 1996, 324, 175-181.	5.4	33
138	Thermochemical Investigations of Hydrogen-Bonded Solutions: Part 12. Development of Expression for Predicting Solute Solubility in Binary Alcohol+Water Solvent Mixtures Based Upon Mobile Order Theory. <i>Physics and Chemistry of Liquids</i> , 1996, 33, 93-112.	1.2	2
139	Solubility of Benzil in Organic Nonelectrolyte Solvents. Comparison of Observed Versus Predicted Values Based upon Mobile Order Theory. <i>Physics and Chemistry of Liquids</i> , 1996, 33, 181-190.	1.2	23