

Artur J M Valente

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Solar spectral management with electrochromic devices including PMMA films doped with biluminescent ionosilicas. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 58-70.	1.1	4
2	On the transport and dynamics of disaccharides: H-bonding effect in sucrose and sucralose. <i>Journal of Molecular Liquids</i> , 2022, 345, 117855.	2.3	8
3	Amine- β -cyclodextrin-based nanosponges. The role of cyclodextrin amphiphilicity in the imidacloprid uptake. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 128044.	2.3	14
4	A New Schiff Base Organically Modified Silica Aerogel-Like Material for Metal Ion Adsorption with Ni Selectivity. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	4
5	Enhanced water absorption of tissue paper by cross-linking cellulose with poly(vinyl alcohol). <i>Chemical Papers</i> , 2022, 76, 4497-4507.	1.0	5
6	Cyclodextrin-Based Nanosponges: Overview and Opportunities. <i>Frontiers in Chemistry</i> , 2022, 10, 859406.	1.8	51
7	On the Development of Phenol-Formaldehyde Resins Using a New Type of Lignin Extracted from Pine Wood with a Levulinic-Acid Based Solvent. <i>Molecules</i> , 2022, 27, 2825.	1.7	7
8	Paper-Based Probes with Visual Response to Vapors from Nitroaromatic Explosives: Polyfluorenes and Tertiary Amines. <i>Molecules</i> , 2022, 27, 2900.	1.7	9
9	The role of polymeric chains as a protective environment for improving the stability and efficiency of fluorogenic peptide substrates. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
10	Insights into Gum Arabic interactions with cellulose: Strengthening effects on tissue paper. <i>Materials Today Communications</i> , 2022, 31, 103706.	0.9	2
11	Complexation of 5-Fluorouracil with β -Cyclodextrin and Sodium Dodecyl Sulfate: A Useful Tool for Encapsulating and Removing This Polluting Drug. <i>Toxics</i> , 2022, 10, 300.	1.6	2
12	Diffusion of Vanadium Ions in Artificial Saliva and Its Elimination from the Oral Cavity by Pharmacological Compounds Present in Mouthwashes. <i>Biomolecules</i> , 2022, 12, 947.	1.8	4
13	Application of a polyelectrolyte complex based on biocompatible polysaccharides for colorectal cancer inhibition. <i>Carbohydrate Research</i> , 2021, 499, 108194.	1.1	1
14	Photophysics and drug delivery behavior of methylene blue into Arabic-gum based hydrogel matrices. <i>Materials Today Communications</i> , 2021, 26, 101889.	0.9	8
15	Cyclodextrin Polymers and Cyclodextrin-Containing Polysaccharides for Water Remediation. <i>Polysaccharides</i> , 2021, 2, 16-38.	2.1	47
16	Effect of Hofmeister Ions on Transport Properties of Aqueous Solutions of Sodium Hyaluronate. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1932.	1.8	5
17	Enhancing Lignin Dissolution and Extraction: The Effect of Surfactants. <i>Polymers</i> , 2021, 13, 714.	2.0	8
18	Covalent Organic Frameworks: Synthesis, Properties and Applications—An Overview. <i>Polymers</i> , 2021, 13, 970.	2.0	50

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19	Ligands as copper and nickel ionophores: Applications and implications on wastewater treatment. <i>Advances in Colloid and Interface Science</i> , 2021, 289, 102364.	7.0	3
20	Poly(β -cyclodextrin)-Activated Carbon Gel Composites for Removal of Pesticides from Water. <i>Molecules</i> , 2021, 26, 1426.	1.7	25
21	Removal of Imidacloprid from Water by Microalgae <i>Nannochloropsis</i> sp. and Its Determination by a Validated RP-HPLC Method. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 131-139.	1.3	19
22	Effect of sodium chloride on the behaviour of the lactose in aqueous solution studied from diffusion experiments and molecular dynamics simulations. <i>Journal of Chemical Thermodynamics</i> , 2021, 155, 106370.	1.0	3
23	New deep eutectic solvent assisted extraction of highly pure lignin from maritime pine sawdust (<i>Pinus</i>) Tj ETQq1 1 0.784314 rgBT /Over 3.6 69	3.6	69
24	Methylene Blue Release from Chitosan/Pectin and Chitosan/DNA Blend Hydrogels. <i>Pharmaceutics</i> , 2021, 13, 842.	2.0	13
25	Theoretical Values of Diffusion Coefficients of Electrolytes in Aqueous Solutions: Important Parameters with Application in Fundamental and Technological Areas. , 2021, , 327-417.		0
26	Novel approach on the synthesis of starch betainate by transesterification. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1681-1689.	3.6	13
27	Thermo- and pH-Responsive Gelatin/Polyphenolic Tannin/Graphene Oxide Hydrogels for Efficient Methylene Blue Delivery. <i>Molecules</i> , 2021, 26, 4529.	1.7	4
28	Pesticides and Their Environment and Health Impact: An Approach to Remediation Using Hydrogels. , 2021, , 447-472.		0
29	Coupled mutual diffusion in aqueous paracetamol+ sodium hydroxide solutions. <i>Journal of Molecular Liquids</i> , 2021, 334, 116216.	2.3	2
30	Dependence of Viscosity and Diffusion on β -Cyclodextrin and Chloroquine Diphosphate Interactions. <i>Processes</i> , 2021, 9, 1433.	1.3	4
31	Association of antioxidant monophenolic compounds with β -cyclodextrin-functionalized cellulose and starch substrates. <i>Carbohydrate Polymers</i> , 2021, 267, 118189.	5.1	16
32	Synergetic effect of cationic starch (ether/ester) and Pluronics for improving inkjet printing quality of office papers. <i>Cellulose</i> , 2021, 28, 10609.	2.4	3
33	Rethinking transdermal drug delivery using PVA-NLC based films. <i>Polymer</i> , 2021, 230, 124032.	1.8	9
34	Host-guest paracetamol/cyclodextrin complex formation evaluated from coupled diffusion measurements. <i>Journal of Chemical Thermodynamics</i> , 2021, 161, 106551.	1.0	7
35	Fabrication of lanthanum linked trimesic acid as porous metal organic frameworks for effective nitrate and phosphate adsorption. <i>Journal of Solid State Chemistry</i> , 2021, 302, 122446.	1.4	34
36	Transport properties of aqueous solutions of the oncologic drug 5-fluorouracil: A fundamental complement to therapeutics. <i>Journal of Chemical Thermodynamics</i> , 2021, 161, 106533.	1.0	5

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37	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021, 29, 102781.	0.9	3
38	Photodynamic Therapy: Use of Nanocarrier Systems to Improve Its Effectiveness. <i>Engineering Materials</i> , 2021, , 289-316.	0.3	0
39	(3 S,4 S)-N-substituted-3,4-dihydropyrrolidines as ligands for the enantioselective Henry reaction. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6175.	1.7	2
40	Insights on toxicity, safe handling and disposal of silica aerogels and amorphous nanoparticles. <i>Environmental Science: Nano</i> , 2021, 8, 1177-1195.	2.2	23
41	Microalgae Immobilization and Use in Bioremediation. , 2021, , 122-141.		0
42	Effect of Cobalt and Chromium Ions on the Chlorhexidine Digluconate as Seen by Intermolecular Diffusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13266.	1.8	3
43	Chromogenic Anticounterfeit and Security Papers: An Easy and Effective Approach. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60454-60461.	4.0	5
44	Proton conducting electrolytes composed of chondroitin sulfate polysaccharide and citric acid. <i>European Polymer Journal</i> , 2020, 124, 109453.	2.6	7
45	Levulinic acid: A novel sustainable solvent for lignin dissolution. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3454-3461.	3.6	22
46	Chitosan-Based Coacervate Polymers for Propolis Encapsulation: Release and Cytotoxicity Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4561.	1.8	22
47	Non-Newtonian Nanofluids: Non-Newtonian Thermosensitive Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids (Small 28/2020). <i>Small</i> , 2020, 16, 2070156.	5.2	3
48	pH-responsive micellization of an amine oxide surfactant with branched hydrophobic tail. <i>Journal of Molecular Liquids</i> , 2020, 316, 113799.	2.3	11
49	Removal of Pharmaceuticals from Water by Free and Immobilised Microalgae. <i>Molecules</i> , 2020, 25, 3639.	1.7	30
50	Controlled Release, Disintegration, Antioxidant, and Antimicrobial Properties of Poly (Lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	2.0	24
51	Controlled Release of Thymol from Poly(Lactic Acid)-Based Silver Nanocomposite Films with Antibacterial and Antioxidant Activity. <i>Antioxidants</i> , 2020, 9, 395.	2.2	38
52	Non-Newtonian Thermosensitive Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids. <i>Small</i> , 2020, 16, e1907661.	5.2	13
53	Highly Conducting Bombyx mori Silk Fibroin-Based Electrolytes Incorporating Glycerol, Dimethyl Sulfoxide and [Bmim]PF ₆ . <i>Journal of the Electrochemical Society</i> , 2020, 167, 070551.	1.3	10
54	A review on cationic starch and nanocellulose as paper coating components. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 578-598.	3.6	67

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55	Luminescent Properties of Lanthanoid-Poly(Sodium Acrylate) Composites: Insights on the Interaction Mechanism. <i>Polymers</i> , 2020, 12, 1314.	2.0	5
56	Effect of sodium salts on diffusion of poly(vinyl alcohol) in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2020, 304, 112728.	2.3	9
57	Interactions between glycyl-L-phenylalanine and β -cyclodextrin from diffusion, spectroscopic and computational studies. <i>Journal of Molecular Liquids</i> , 2020, 315, 113704.	2.3	5
58	Silica Aerogels/Xerogels Modified with Nitrogen-Containing Groups for Heavy Metal Adsorption. <i>Molecules</i> , 2020, 25, 2788.	1.7	19
59	Dissolution of kraft lignin in alkaline solutions. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 688-695.	3.6	52
60	Uncommon Sorption Mechanism of Aromatic Compounds onto Poly(Vinyl Alcohol)/Chitosan/Maleic Anhydride- β -Cyclodextrin Hydrogels. <i>Polymers</i> , 2020, 12, 877.	2.0	9
61	Limiting Diffusion Coefficients of Bovine Serum Albumin in Aqueous Solutions of Sulfonated Resorcinarenes. , 2020, , 1-13.		1
62	A New Approach on the Amino Acid Lysine Quantification by UV-Visible Spectrophotometry. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 159-175.	0.2	2
63	Pre-Treatment of Rusted Steel Surfaces with Phosphoric Acid Solutions. , 2020, , 255-268.		0
64	A comparative study between the behavior diffusion of β -aminobutyric acid and γ -aminobutyric acid in sodium chloride aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019, 291, 111289.	2.3	3
65	Amine Modification of Silica Aerogels/Xerogels for Removal of Relevant Environmental Pollutants. <i>Molecules</i> , 2019, 24, 3701.	1.7	24
66	A broad overview on innovative functionalized paper solutions. <i>Nordic Pulp and Paper Research Journal</i> , 2019, 34, 395-416.	0.3	16
67	Limiting diffusion coefficients of glufosinate ammonium, cymoxanil and imidacloprid in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019, 293, 111459.	2.3	3
68	Nanofluid Based on Glucose-Derived Carbon Dots Functionalized with [Bmim]Cl for the Next Generation of Smart Windows. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900047.	2.7	11
69	Assessment of heavy metal pollution from anthropogenic activities and remediation strategies: A review. <i>Journal of Environmental Management</i> , 2019, 246, 101-118.	3.8	568
70	A co-delivery platform based on plasmid DNA peptide-surfactant complexes: formation, characterization and release behavior. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 430-438.	2.5	19
71	Molecular Dynamics Insights for Screening the Ability of Polymers to Remove Pesticides from Water. <i>ChemistryOpen</i> , 2019, 8, 438-446.	0.9	8
72	A Review on (Hydro)Porphyrin-Loaded Polymer Micelles: Interesting and Valuable Platforms for Enhanced Cancer Nanotheranostics. <i>Pharmaceutics</i> , 2019, 11, 81.	2.0	10

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73	Ionic conductivities and diffusion coefficients of alkyl substituted sulfonated resorcinarenes in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2019, 133, 223-228.	1.0	7
74	Energy transfer and multicolour tunable emission of Eu,Tb(PSA)Phen composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 569, 93-101.	2.3	21
75	Do the solvent properties affect the propensity for self-association of β -cyclodextrin? Insights from NMR self-diffusion. <i>Journal of Molecular Liquids</i> , 2019, 295, 111869.	2.3	1
76	Diffusion and conductance properties of aqueous solutions of tetrasodium 5,11,17,23-tetrakisulfonatemethtyen-2,8,14,20-tetra(2-(methylthio)ethyl)resorcinarene. <i>Journal of Molecular Liquids</i> , 2019, 276, 897-901.	2.3	2
77	A comprehensive photophysical and NMR investigation on the interaction of a 4-methylumbelliferone derivative and cucurbit[7]uril. <i>Journal of Molecular Liquids</i> , 2019, 277, 1026-1034.	2.3	11
78	Synthesis, characterization and sorption studies of aromatic compounds by hydrogels of chitosan blended with β -cyclodextrin- and PVA-functionalized pectin. <i>RSC Advances</i> , 2018, 8, 14609-14622.	1.7	34
79	The Inclusion of Chitosan in Poly- β -caprolactone Nanoparticles: Impact on the Delivery System Characteristics and on the Adsorbed Ovalbumin Secondary Structure. <i>AAPS PharmSciTech</i> , 2018, 19, 101-113.	1.5	13
80	Exploring the prebiotic effect of cyclodextrins on probiotic bacteria entrapped in carboxymethyl cellulose-chitosan particles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 156-162.	2.5	17
81	DNA-Based Hydrogels: An Approach for Multifunctional Bioapplications. <i>Gels Horizons: From Science To Smart Materials</i> , 2018, , 339-356.	0.3	1
82	Finding the ideal polyethylenimine-plasmid DNA system for co-delivery of payloads in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 627-636.	2.5	25
83	Combining Cellulose and Cyclodextrins: Fascinating Designs for Materials and Pharmaceuticals. <i>Frontiers in Chemistry</i> , 2018, 6, 271.	1.8	58
84	Effects of Charge Density on Photophysics and Aggregation Behavior of Anionic Fluorene-Arylene Conjugated Polyelectrolytes. <i>Polymers</i> , 2018, 10, 258.	2.0	6
85	Effect of Eu(III) and Tb(III) chloride on the gelification behavior of poly(sodium acrylate). <i>Journal of Molecular Liquids</i> , 2018, 264, 205-214.	2.3	6
86	Interactions between Bio-Based Compounds and Cyclodextrins. , 2018, , .		0
87	Aggregation of Cyclodextrins: Fundamental Issues and Applications. , 2018, , .		5
88	Cyclodextrin-based Materials for Removing Micropollutants From Wastewater. <i>Current Organic Chemistry</i> , 2018, 22, 2150-2181.	0.9	29
89	Effect of pH in the structure and mass transport by diffusion of theophylline. <i>Journal of Chemical Thermodynamics</i> , 2017, 110, 162-170.	1.0	11
90	Interactions between copper(II) dibrominated salen complex and copolymeric micelles of P-123 and F-127. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 583-591.	2.3	6

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91	Efficient simultaneous removal of petroleum hydrocarbon pollutants by a hydrophobic silica aerogel-like material. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 550-560.	2.3	27
92	Towards improved adsorption of phenolic compounds by surface chemistry tailoring of silica aerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 409-421.	1.1	9
93	Uncommon temperature effect on the interaction between levodopa and β -cyclodextrin seen by diffusometry and NMR spectroscopy. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 314-320.	1.0	2
94	From a new cellulose solvent to the cyclodextrin induced formation of hydrogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 548-555.	2.3	10
95	Properties and patterns in anion-receptors: A closer look at bambusurils. <i>Journal of Molecular Liquids</i> , 2017, 242, 640-652.	2.3	15
96	Adsorption of phenol on silica aerogels using a stirred tank and a fixed bed column. <i>Ciência & Tecnologia Dos Materiais</i> , 2017, 29, e229-e233.	0.5	6
97	Molecular Dynamics of Cyclodextrins in Water Solutions from NMR Deuterium Relaxation: Implications for Cyclodextrin Aggregation. <i>Langmuir</i> , 2017, 33, 8233-8238.	1.6	16
98	Binding of divalent and higher valent metal ions to surfactants and polyelectrolytes. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 32, 76-83.	3.4	3
99	Fluorescence Enhancement of a Cationic Fluorene-Phenylene Conjugated Polyelectrolyte Induced by Nonionic n -Alkyl Polyoxyethylene Surfactants. <i>Langmuir</i> , 2017, 33, 13350-13363.	1.6	7
100	The structure and diffusion behaviour of the neurotransmitter γ -aminobutyric acid (GABA) in neutral aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2017, 104, 110-117.	1.0	15
101	Novel Highly Luminescent Amine-Functionalized Bridged Silsesquioxanes. <i>Frontiers in Chemistry</i> , 2017, 5, 131.	1.8	7
102	Development and optimization of an HPLC-DAD method for quantification of six petroleum hydrocarbon compounds in aqueous samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 837-846.	0.5	8
103	The effect of methacrylation on the behavior of Gum Arabic as pH-responsive matrix for colon-specific drug delivery. <i>European Polymer Journal</i> , 2016, 78, 326-339.	2.6	19
104	Does poly(vinyl alcohol) act as an amphiphilic polymer? An interaction study with simvastatin. <i>Journal of Molecular Liquids</i> , 2016, 222, 287-294.	2.3	27
105	Heavy metals in Iberian soils: Removal by current adsorbents/amendments and prospective for aerogels. <i>Advances in Colloid and Interface Science</i> , 2016, 237, 28-42.	7.0	70
106	Incorporation of a Cationic Conjugated Polyelectrolyte CPE within an Aqueous Poly(vinyl alcohol) Sol. <i>Macromolecules</i> , 2016, 49, 9119-9131.	2.2	10
107	Self-assembled systems of water soluble metal 8-hydroxyquinolates with surfactants and conjugated polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16629-16640.	1.3	8
108	Limiting diffusion coefficients of sodium octanoate, and octanoic acid in aqueous solutions without and with β -cyclodextrin. <i>Journal of Chemical Thermodynamics</i> , 2016, 94, 234-237.	1.0	4

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109	The role of cyclodextrin-tetrabutylammonium complexation on the cellulose dissolution. <i>Carbohydrate Polymers</i> , 2016, 140, 136-143.	5.1	30
110	Drug release mechanisms of chemically cross-linked albumin microparticles: Effect of the matrix erosion. <i>Journal of Controlled Release</i> , 2015, 213, e8.	4.8	1
111	Do Cyclodextrins Aggregate in Water? Insights from NMR Experiments. <i>Langmuir</i> , 2015, 31, 6314-6320.	1.6	24
112	Interactions between cationic surfactants and 5,10,15,20-tetrakis(4-sulfonatophenyl)porphyrin tetrasodium salt as seen by electric conductometry and spectroscopic techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 288-296.	2.3	9
113	What conjugated polyelectrolytes tell us about aggregation in polyelectrolyte/surfactant systems. <i>Journal of Molecular Liquids</i> , 2015, 210, 82-99.	2.3	28
114	Thermodynamic study of the interaction between 5,10,15,20-tetrakis-(N-methyl-4-pyridyl)porphyrin tetraiodine and sodium dodecyl sulfate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 480, 279-286.	2.3	15
115	Binary diffusion coefficients of l-histidine methyl ester dihydrochloride in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015, 89, 240-244.	1.0	10
116	Silica-based aerogels as adsorbents for phenol-derivative compounds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 480, 260-269.	2.3	60
117	Stimuli-responsive polyamine-DNA blend nanogels for co-delivery in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 194-201.	2.5	21
118	Interactions of a zwitterionic thiophene-based conjugated polymer with surfactants. <i>Polymer Chemistry</i> , 2015, 6, 8036-8046.	1.9	18
119	Synthesis and controlled curcumin supramolecular complex release from pH-sensitive modified gum-arabic-based hydrogels. <i>RSC Advances</i> , 2015, 5, 94519-94533.	1.7	33
120	Plasmid DNA nanogels as photoresponsive materials for multifunctional bio-applications. <i>Journal of Biotechnology</i> , 2015, 202, 98-104.	1.9	16
121	Outstanding Features of Starch-based Hydrogel Nanocomposites. <i>RSC Green Chemistry</i> , 2015, , 236-262.	0.0	1
122	Effect of Cyclodextrins and pH on the permeation of tetracaine: Supramolecular assemblies and release behavior. <i>International Journal of Pharmaceutics</i> , 2014, 466, 349-358.	2.6	15
123	Binary Diffusion Coefficients for Aqueous Solutions of l-Aspartic Acid and Its Respective Monosodium Salt. <i>Journal of Solution Chemistry</i> , 2014, 43, 83-92.	0.6	19
124	Plasmid DNA microgels for drug/gene co-delivery: A promising approach for cancer therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 442, 181-190.	2.3	19
125	The formation of host-guest complexes between surfactants and cyclodextrins. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 156-176.	7.0	163
126	Functional properties of sodium and calcium caseinate antimicrobial active films containing carvacrol. <i>Journal of Food Engineering</i> , 2014, 121, 94-101.	2.7	112

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127	Mutual diffusion coefficients of L-glutamic acid and monosodium L-glutamate in aqueous solutions at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2014, 74, 133-137.	1.0	23
128	Plasmid DNA hydrogels for biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 257-264.	7.0	15
129	Inclusion complexes of rosmarinic acid and cyclodextrins: stoichiometry, association constants, and antioxidant potential. <i>Colloid and Polymer Science</i> , 2014, 292, 885-894.	1.0	44
130	Mutual diffusion coefficients of l-lysine in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2014, 74, 227-230.	1.0	15
131	Thermodynamic analysis of unimer-micelle and sphere-to-rod micellar transitions of aqueous solutions of sodium dodecylbenzenesulfonate. <i>Journal of Chemical Thermodynamics</i> , 2014, 77, 54-62.	1.0	12
132	Characterization of Poly(μ -caprolactone)-Based Nanocomposites Containing Hydroxytyrosol for Active Food Packaging. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2244-2252.	2.4	50
133	Interpreting the Rich Behavior of Ternary DNA-PEI-Fe(III) Complexes. <i>Biomacromolecules</i> , 2014, 15, 478-491.	2.6	15
134	Drug release mechanisms of chemically cross-linked albumin microparticles: Effect of the matrix erosion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 404-413.	2.5	28
135	Transport properties of ephedrine hydrochloride through poly(vinyl alcohol) matrices—a simple method for enantiomeric differentiation. <i>Colloid and Polymer Science</i> , 2014, 292, 1665-1673.	1.0	3
136	The interaction of long chain sodium carboxylates and sodium dodecylsulfate with lead(II) ions in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2014, 414, 66-72.	5.0	23
137	Release and antioxidant activity of carvacrol and thymol from polypropylene active packaging films. <i>LWT - Food Science and Technology</i> , 2014, 58, 470-477.	2.5	128
138	Release of Vitamin B12 and Diclofenac Potassium from N,N-dimethylacrylamide-modified Arabic Gum Hydrogels - the Partition-Diffusion Model. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	1
139	Structural characterization of solid trivalent metal dodecyl sulfates: from aqueous solution to lamellar superstructures. <i>RSC Advances</i> , 2013, 3, 1420-1433.	1.7	22
140	Mass transport techniques as a tool for a better understanding of the structure of l-Dopa in aqueous solutions. <i>International Journal of Pharmaceutics</i> , 2013, 447, 293-297.	2.6	18
141	DNA—poly(vinyl alcohol) gel matrices: Release properties are strongly dependent on electrolytes and cationic surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 111-117.	2.5	7
142	Novel electrospun luminescent nanofibers from cationic polyfluorene/cellulose acetate blend. <i>Cellulose</i> , 2013, 20, 169-177.	2.4	10
143	Cyclodextrin-grafted cellulose: Physico-chemical characterization. <i>Carbohydrate Polymers</i> , 2013, 93, 324-330.	5.1	73
144	Diffusion of Electrolytes and Non-electrolytes in Aqueous Solutions. , 2013, , 35-47.		1

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145	Potentiometric Study on the Interactions between Divalent Cations and Sodium Carboxylates in Aqueous Solution. , 2013, , 23-33.		0
146	Diffusion of electrolytes and Non- electrolytes in AUseful Strategy for Structural Intrepretation of Chemical Systems. , 2013, , .		0
147	What drives the precipitation of long-chain calcium carboxylates (soaps) in aqueous solution? Physical Chemistry Chemical Physics, 2012, 14, 7517.	1.3	20
148	Does cation dehydration drive the binding of metal ions to polyelectrolytes in water? What we can learn from the behaviour of aluminium(iii) and chromium(iii). Physical Chemistry Chemical Physics, 2012, 14, 7950.	1.3	19
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