

Sandor Kunsagi-Mate

List of Publications by Year in descending order

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154
papers

2,334
citations

201385

27
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360668

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156
docs citations

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times ranked

2285
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#	ARTICLE	IF	CITATIONS
1	Degree of Conversion and BisGMA, TEGDMA, UDMA Elution from Flowable Bulk Fill Composites. <i>International Journal of Molecular Sciences</i> , 2016, 17, 732.	1.8	66
2	Structural properties of methanol-water binary mixtures within the quantum cluster equilibrium model. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8467-8479.	1.3	56
3	Complex formation between water-soluble sulfonated calixarenes and C 60 fullerene. <i>Tetrahedron Letters</i> , 2004, 45, 1387-1390.	0.7	54
4	Antioxidant and antimicrobial properties of randomly methylated β cyclodextrin captured essential oils. <i>Food Chemistry</i> , 2019, 278, 305-313.	4.2	50
5	Quantitation of species differences in albumin-ligand interactions for bovine, human and rat serum albumins using fluorescence spectroscopy: A test case with some Sudlow's site I ligands. <i>Journal of Luminescence</i> , 2014, 145, 767-773.	1.5	48
6	Interactions of zearalenone with native and chemically modified cyclodextrins and their potential utilization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 63-68.	1.7	47
7	Interaction of mycotoxin zearalenone with human serum albumin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 16-24.	1.7	47
8	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21509-21515.	1.5	42
9	Host-guest interaction between water-soluble calix[6]arene hexasulfonate and p-nitrophenol. <i>Thermochimica Acta</i> , 2005, 425, 121-126.	1.2	40
10	Determination of the thermodynamic parameters of the complex formation between malvidin-3-O-glucoside and polyphenols. Copigmentation effect in red wines. <i>Journal of Proteomics</i> , 2006, 69, 113-119.	2.4	39
11	Interaction of Mycotoxin Alternariol with Serum Albumin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2352.	1.8	39
12	Quantification of Conversion Degree and Monomer Elution from Dental Composite Using HPLC and Micro-Raman Spectroscopy. <i>Chromatographia</i> , 2014, 77, 1137-1144.	0.7	38
13	Interactions of casticin, ipriflavone, and resveratrol with serum albumin and their inhibitory effects on CYP2C9 and CYP3A4 enzymes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 777-784.	2.5	37
14	Flavonoid aglycones can compete with Ochratoxin A for human serum albumin: A new possible mode of action. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 279-283.	3.6	36
15	Molecular displacement of warfarin from human serum albumin by flavonoid aglycones. <i>Journal of Luminescence</i> , 2013, 142, 122-127.	1.5	36
16	Fluorescence spectroscopic evaluation of the interactions of quercetin, isorhamnetin, and quercetin-3-sulfate with different albumins. <i>Journal of Luminescence</i> , 2018, 194, 156-163.	1.5	36
17	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites. <i>Dental Materials</i> , 2019, 35, 217-228.	1.6	36
18	Interaction of Citrinin with Human Serum Albumin. <i>Toxins</i> , 2015, 7, 5155-5166.	1.5	35

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19	Weinhold's QCE model – A modified parameter fit. Model study of liquid methanol based on MP2 cluster geometries. <i>Computational and Theoretical Chemistry</i> , 2010, 956, 103-109.	1.5	33
20	Unexpected Effect of Charge Density of the Aromatic Guests on the Stability of Calix[6]arene-Phenol Host-Guest Complexes. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5237-5242.	1.1	31
21	Solvent effect on the complex formation of distally dialkylated calix[4]arenes with 1-chloro-4-(trifluoromethyl)benzene. <i>Analytica Chimica Acta</i> , 2002, 461, 273-279.	2.6	30
22	Application of the Quantum Cluster Equilibrium (QCE) Model for the Liquid Phase of Primary Alcohols Using B3LYP and B3LYP-D DFT Methods. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3936-3941.	1.2	30
23	Investigation of Non-Covalent Interactions of Aflatoxins (B1, B2, G1, G2, and M1) with Serum Albumin. <i>Toxins</i> , 2017, 9, 339.	1.5	30
24	Interactions of zearalenone and its reduced metabolites $\hat{1}$ -zearalenol and $\hat{2}$ -zearalenol with serum albumins: species differences, binding sites, and thermodynamics. <i>Mycotoxin Research</i> , 2018, 34, 269-278.	1.3	30
25	Coordination of Methanol Clusters to Benzene: A Computational Study. <i>Journal of Physical Chemistry A</i> , 2011, 115, 10556-10564.	1.1	29
26	Host-guest interaction of calixarene molecules with neutral benzotrifluorides. <i>Analytica Chimica Acta</i> , 2001, 428, 301-307.	2.6	28
27	Fluorescence spectroscopic investigation of competitive interactions between ochratoxin A and 13 drug molecules for binding to human serum albumin. <i>Luminescence</i> , 2013, 28, 726-733.	1.5	27
28	Interaction of Chrysin and Its Main Conjugated Metabolites Chrysin-7-Sulfate and Chrysin-7-Glucuronide with Serum Albumin. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4073.	1.8	27
29	Complex Formation of Resorufin and Resazurin with $\hat{1}$ -Cyclodextrins: Can Cyclodextrins Interfere with a Resazurin Cell Viability Assay?. <i>Molecules</i> , 2018, 23, 382.	1.7	26
30	Investigation of Phenolic Components of Hungarian Wines. <i>International Journal of Molecular Sciences</i> , 2007, 8, 1028-1038.	1.8	25
31	Morphology Dependence of Raman Properties of Carbon Nanotube Layers Formed on Nanostructured CeO ₂ Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1480-1483.	1.5	24
32	Calix[n]arene-based drug carriers: A DFT study of their electronic interactions with a chemotherapeutic agent used against leukemia. <i>Computational and Theoretical Chemistry</i> , 2014, 1035, 84-91.	1.1	24
33	Interaction of Ochratoxin A and Its Thermal Degradation Product $\hat{2}$ -Ochratoxin A with Human Serum Albumin. <i>Toxins</i> , 2018, 10, 256.	1.5	24
34	Removal of Zearalenone and Zearalenols from Aqueous Solutions Using Insoluble Beta-Cyclodextrin Bead Polymer. <i>Toxins</i> , 2018, 10, 216.	1.5	24
35	Complex formation between 1-chloro-4-(trifluoromethyl)benzene (guest) and 4-tert-butylcalix[4]arenes (host) distally substituted with phosphonic acid or phosphonic ester groups at the lower rim. <i>Tetrahedron</i> , 2002, 58, 5119-5124.	1.0	23
36	Investigation of the interaction of calixarene (host) and neutral benzotrifluoride (guest). <i>Sensors and Actuators B: Chemical</i> , 2001, 76, 545-550.	4.0	22

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37	Cavity shaped host-guest interaction of distally dialkylated calix[4]arenes with 1-chloro-4-(trifluoromethyl)benzene. <i>Analytica Chimica Acta</i> , 2001, 443, 227-234.	2.6	22
38	Interaction of ochratoxin A with quaternary ammonium beta-cyclodextrin. <i>Food Chemistry</i> , 2015, 172, 143-149.	4.2	22
39	Terahertz electric field modulated mode coupling in graphene-metal hybrid metamaterials. <i>Optics Express</i> , 2019, 27, 2317.	1.7	22
40	Fluorescence spectroscopic investigation of the interaction of citrinin with native and chemically modified cyclodextrins. <i>Journal of Luminescence</i> , 2016, 172, 23-28.	1.5	21
41	Interactions of Mycotoxin Alternariol with Cyclodextrins and its Removal from Aqueous Solution by Beta-Cyclodextrin Bead Polymer. <i>Biomolecules</i> , 2019, 9, 428.	1.8	21
42	Degree of conversion and in vitro temperature rise of pulp chamber during polymerization of flowable and sculptable conventional, bulk-fill and short-fibre reinforced resin composites. <i>Dental Materials</i> , 2021, 37, 983-997.	1.6	21
43	Effect of the Solvation Shell Exchange on the Formation of Malvidin- 3-O-Glucoside-ellagic Acid Complexes. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11750-11755.	1.2	20
44	Permittivity-Dependent Entropy Driven Complexation Ability of Cone and Paco Tetranitro-calix[4]arene toward <i>para</i> -Substituted Phenols. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11743-11749.	1.2	20
45	Fluorescence quenching studies on the interaction of a novel deepened cavitand towards some transition metal ions. <i>Analytica Chimica Acta</i> , 2013, 799, 51-56.	2.6	19
46	Entropy-driven complex formation of malvidin-3-O-glucoside with common polyphenols in ethanol-water binary solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 860-865.	2.0	18
47	Infrared absorption of methanol-water clusters (CH ₃ OH) _n (H ₂ O), $n = 1-4$, recorded with the VUV-ionization/IR-depletion technique. <i>Journal of Chemical Physics</i> , 2017, 146, 144308.	1.2	18
48	Complex Formation of Fe(II) and Fe(III) Ions with Octafunctionalized C-Methyl-calix[4]resorcinarene Possessing -OCH ₂ COOH (K) Moieties. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4727-4731.	1.2	17
49	Complexation of Phenols by Calix[4]arene Diethers in a Low-Permittivity Solvent. Self-Switched Complexation by 25,27-Dibenzoyloxycalix[4]arene. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7218-7223.	1.2	17
50	Interaction of alkali and alkaline earth ions with Ochratoxin A. <i>Journal of Luminescence</i> , 2013, 135, 276-280.	1.5	17
51	Investigation of phenol electrooxidation in aprotic non-aqueous solvents by using cyclic and normal pulse voltammetry. <i>Polymer Bulletin</i> , 2019, 76, 5849-5864.	1.7	17
52	Theoretical study of the conformational properties of 2,2'-bipyridine and its protonated base. <i>Computational and Theoretical Chemistry</i> , 1995, 333, 275-277.	1.5	16
53	Effect of cluster formation of solvent molecules on the preferential solvation of anthracene in binary alcoholic solutions. <i>Chemical Physics Letters</i> , 2009, 473, 284-287.	1.2	16
54	Effect of Molecular Environment on the Formation Kinetics of Complexes of Malvidin-3-O-glucoside with Caffeic Acid and Catechin. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7468-7473.	1.2	16

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55	Reducing structural defects and improving homogeneity of nitric acid treated multi-walled carbon nanotubes. <i>Carbon</i> , 2015, 93, 515-522.	5.4	16
56	Effect of covalent functionalization of C60 fullerene on its encapsulation by water soluble calixarenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 60, 71-78.	1.6	15
57	Synergistic solvent extraction of copper, cobalt, rhodium and iridium into 1, 2-Dichloroethane at trace level by newly synthesized 25, 26, 27, 28-tetrahydroxy-5, 11, 17, 23-tetra-[4-(N-hydroxyl-3-phenylprop-2-enimidamido) phenylazo] calix[4]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 285-292.	1.6	15
58	Facile, high-yielding synthesis of deepened cavitands: a synthetic and theoretical study. <i>Supramolecular Chemistry</i> , 2011, 23, 710-719.	1.5	15
59	Regulation of cytotoxic, non-estrogenic, oxidative stress-induced processes of zearalenone in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Toxicon</i> , 2013, 73, 130-143.	0.8	15
60	The effect of temperature, pH, and ionic strength on color stability of red wine. <i>Tetrahedron</i> , 2015, 71, 3027-3031.	1.0	15
61	Interaction of $\hat{1}\pm$ - and $\hat{1}^2$ -zearalenols with $\hat{1}^2$ -cyclodextrins. <i>Molecules</i> , 2017, 22, 1910.	1.7	15
62	Probing the Interactions of Ochratoxin B, Ochratoxin C, Patulin, Deoxynivalenol, and T-2 Toxin with Human Serum Albumin. <i>Toxins</i> , 2020, 12, 392.	1.5	15
63	Interactions of resveratrol and its metabolites (resveratrol-3-sulfate, resveratrol-3-glucuronide, and Tj ETQq1 1 0.784314 rgBT /Overl... Biomedicine and Pharmacotherapy, 2022, 151, 113136.	2.5	15
64	Effect of ferrous and ferric ions on copigmentation in model solutions. <i>Journal of Molecular Structure</i> , 2008, 891, 471-474.	1.8	14
65	The effect of the oxidation state of iron ions on the competitive complexation of malvidin by caffeic or ellagic acid. <i>Food Research International</i> , 2008, 41, 693-696.	2.9	14
66	Noncovalent Interaction between Aniline and Carbon Nanotubes: Effect of Nanotube Diameter and the Hydrogen-Bonded Solvent Methanol on the Adsorption Energy and the Photophysics. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5898-5905.	1.5	14
67	Unexpected effect of potassium ions on the copigmentation in red wines. <i>Food Research International</i> , 2012, 45, 272-276.	2.9	14
68	Complex formation of flavonoids fisetin and geraldol with $\hat{1}^2$ -cyclodextrins. <i>Journal of Luminescence</i> , 2018, 194, 82-90.	1.5	14
69	Cyclodextrins Can Entrap Zearalenone-14-Glucoside: Interaction of the Masked Mycotoxin with Cyclodextrins and Cyclodextrin Bead Polymer. <i>Biomolecules</i> , 2019, 9, 354.	1.8	14
70	Increased Complexation Ability of Water-Soluble Calix[4]resorcinarene Octacarboxylate toward Phenol by the Assistance of Fe(II) Ions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15519-15522.	1.2	13
71	Protoapigenone derivatives: Albumin binding properties and effects on HepG2 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 124, 20-26.	1.7	13
72	Thermodynamic Characterization of the Interaction between the Antimicrobial Drug Sulfamethazine and Two Selected Cyclodextrins. <i>Molecules</i> , 2019, 24, 4565.	1.7	13

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73	The Rate of Host-guest Complex Formation of Some Calixarene Derivatives Towards Neutral Aromatic Guests. <i>Supramolecular Chemistry</i> , 2006, 18, 251-256.	1.5	12
74	Entropy-driven adsorption of carbon nanotubes on (0 0 1) and (1 1 1) surfaces of CeO ₂ islands grown on sapphire substrate. <i>Surface Science</i> , 2010, 604, 654-659.	0.8	12
75	Complex formation between primycin and ergosterol: entropy-driven initiation of modification of the fungal plasma membrane structure. <i>Journal of Antibiotics</i> , 2012, 65, 193-196.	1.0	12
76	Solvent effect on the complex formation of a crown ether derivative with sodium and potassium ions. Thermodynamic background of selectivity. <i>Chemical Physics Letters</i> , 2013, 556, 94-97.	1.2	12
77	Thermodynamic study of the effects of ethanol on the interaction of ochratoxin A with human serum albumin. <i>Journal of Luminescence</i> , 2014, 148, 18-25.	1.5	12
78	Interactions of 7,8-Dihydroxyflavone with Serum Albumin as well as with CYP2C9, CYP2C19, CYP3A4, and Xanthine Oxidase Biotransformation Enzymes. <i>Biomolecules</i> , 2019, 9, 655.	1.8	12
79	Influence of the Molecular Environment on the Three-Center versus Four-Center Elimination of HBr from Vinyl Bromide: A Theoretical Approach. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6319-6324.	1.1	11
80	Modified dispersion of functionalized multi-walled carbon nanotubes in acetonitrile. <i>Chemical Physics Letters</i> , 2010, 492, 258-262.	1.2	11
81	Synthesis of elongated cavitands via click reactions and their use as chemosensors. <i>Tetrahedron</i> , 2013, 69, 8186-8190.	1.0	11
82	Interaction of Dihydrocitrinone with Native and Chemically Modified Cyclodextrins. <i>Molecules</i> , 2019, 24, 1328.	1.7	11
83	Interactions of zearalanone, $\hat{1}$ -zearalanol, $\hat{1}^2$ -zearalanol, zearalenone-14-sulfate, and zearalenone-14-glucoside with serum albumin. <i>Mycotoxin Research</i> , 2020, 36, 389-397.	1.3	11
84	Pre-Heating Effect on Monomer Elution and Degree of Conversion of Contemporary and Thermoviscous Bulk-Fill Resin-Based Dental Composites. <i>Polymers</i> , 2021, 13, 3599.	2.0	11
85	Conformational Change of the Cation-Anion Pair of an Ionic Liquid Related to Its Low-Temperature Solid-State Phase Transitions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9246-9250.	1.2	10
86	Competitive hydrogen bonds associated with the effect of primycin antibiotic on oleic acid as a building block of plasma membranes. <i>Journal of Antibiotics</i> , 2010, 63, 113-117.	1.0	10
87	Role of the Conformational Freedom of the Skeleton in the Complex Formation Ability of Resorcinarene Derivatives toward a Neutral Phenol Guest. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3339-3343.	1.2	10
88	Transformation of stacked β -cyclodextrin-stabilized malvidin-3-O-glucoside-Catechin complexes towards polymeric structures followed by anisotropy decay study. <i>Food Research International</i> , 2011, 44, 23-27.	2.9	10
89	Effect of molecular vibrations on the selectivity character of pyridino-18-crown-6 derivatives towards potassium ion. <i>Chemical Physics Letters</i> , 2012, 533, 45-49.	1.2	10
90	Citrinin-induced fluidization of the plasma membrane of the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Food and Chemical Toxicology</i> , 2013, 59, 636-642.	1.8	10

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91	Interaction of 2â€²R-ochratoxin A with Serum Albumins: Binding Site, Effects of Site Markers, Thermodynamics, Species Differences of Albumin-binding, and Influence of Albumin on Its Toxicity in MDCK Cells. <i>Toxins</i> , 2018, 10, 353.	1.5	10
92	Energetics of growth on the c(4âˆ—4)reconstructed GaAs(001) surface and antisite formation: An ab initio approach. <i>Physical Review B</i> , 2004, 69, .	1.1	9
93	Further Aspects of Ochratoxin A-Cation Interactions: Complex Formation with Zinc Ions and a Novel Analytical Application of Ochratoxin A-Magnesium Interaction in the HPLC-FLD System. <i>Toxins</i> , 2014, 6, 1295-1307.	1.5	9
94	Interaction of zearalenone-14-sulfate with cyclodextrins and the removal of the modified mycotoxin from aqueous solution by beta-cyclodextrin bead polymer. <i>Journal of Molecular Liquids</i> , 2020, 310, 113236.	2.3	9
95	Interaction of silymarin components and their sulfate metabolites with human serum albumin and cytochrome P450 (2C9, 2C19, 2D6, and 3A4) enzymes. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111459.	2.5	9
96	Theoretical considerations of the conformation of thionin-proton complexes. <i>Computational and Theoretical Chemistry</i> , 1994, 315, 187-190.	1.5	8
97	The role of the solvation shell decomposition of alkali metal ions in their selective complexation by resorcinarene and its cavitand. <i>Supramolecular Chemistry</i> , 2012, 24, 374-378.	1.5	8
98	The Effect of Temperature on the Color of Red Wines. <i>Journal of Food Science</i> , 2012, 77, C880-5.	1.5	8
99	Interaction of the mycotoxin metabolite dihydrocitrinone with serum albumin. <i>Mycotoxin Research</i> , 2019, 35, 129-139.	1.3	8
100	Solvent dependent 4-aminosalicylic acid-sulfamethazine co-crystal polymorph control. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105599.	1.9	8
101	Ab-initio calculations on the dissociative reaction of an As ₂ -molecule approaching a Ga-terminated GaAs(001)-surface. <i>Surface Science</i> , 1996, 365, 743-747.	0.8	7
102	Quantum chemical investigations on the dynamics of hydrogen halide elimination from vinyl-halides: influence of the molecular environment. <i>Chemical Physics Letters</i> , 2004, 388, 84-88.	1.2	7
103	Electrochemical polymerization of phenol on platinum and glassy carbon electrodes in mesityl oxide. <i>Chemical Physics Letters</i> , 2020, 754, 137642.	1.2	7
104	Adsorption of Sulfamethazine Drug onto the Modified Derivatives of Carbon Nanotubes at Different pH. <i>Molecules</i> , 2020, 25, 2489.	1.7	7
105	Anisotropy decay study on the host-guest interaction of distally dialkylated calix[4]arenes with 1-chloro-4-(trifluoromethyl)benzene. <i>Journal of Proteomics</i> , 2002, 53, 101-108.	2.4	6
106	Competitive thermodynamic and kinetic processes during dissociation of some host-guest complexes of calix[4]arene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 59, 251-256.	1.6	6
107	Structure of aggregate of hydrotropic p-toluene sulfonate and hydroxyacetophenone isomers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 422, 143-147.	2.3	6
108	Noncovalent Interaction of Tilmicosin with Bovine Serum Albumin. <i>Molecules</i> , 2018, 23, 1915.	1.7	6

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109	Effect of methotrexate and its photodegradation products on the temperature induced denaturation of human serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118905.	2.0	6
110	Effect of staged methane flow on morphology and growth rate of graphene monolayer domains by low-pressure chemical vapor deposition. <i>Thin Solid Films</i> , 2021, 736, 138921.	0.8	6
111	Thermodynamic and kinetic processes during the unfolding of BSA in the presence of the mycotoxin patulin. <i>Acta Biologica Hungarica</i> , 2012, 63, 389-398.	0.7	6
112	Model for the incorporation of excess arsenic into interstitial positions during the low-temperature growth of GaAs(001) layers. <i>Journal of Applied Physics</i> , 2001, 89, 6519-6522.	1.1	5
113	Electron Density Dependent Composition of the Solvation Shell of Phenol Derivatives in Binary Solutions of Water and Ethanol. <i>Journal of Solution Chemistry</i> , 2013, 42, 165-171.	0.6	5
114	Electrochemical oxidation of benzaldehyde and hydroxybenzaldehydes in acetonitrile on platinum and glassy carbon electrodes. <i>Comptes Rendus Chimie</i> , 2019, 22, 557-561.	0.2	5
115	Encapsulation of sulfamethazine by native and randomly methylated β -cyclodextrins: The role of the dipole properties of guests. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 225, 117475.	2.0	5
116	Weak Interaction of the Antimetabolite Drug Methotrexate with a Cavitand Derivative. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4345.	1.8	5
117	Theoretical and experimental energy barriers associated with the incorporation of excess As into GaAs(). <i>Surface Science</i> , 2002, 515, 219-225.	0.8	4
118	Molecular-dynamics-based model for the formation of arsenic interstitials during low-temperature growth of GaAs. <i>Physical Review B</i> , 2005, 72, .	1.1	4
119	The Effect of the Electron Density Distribution of Guest on the Entropy Change During Complex Formation of Calix[4]arene Hexasulfonate Host with ortho- and para-cresols as Guests. <i>Supramolecular Chemistry</i> , 2006, 18, 245-250.	1.5	4
120	Permittivity-dependent Carrier Behavior of Aniline Derivatives Toward Common Low-permittivity Solvents in the Solubilization of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008, 16, 247-257.	1.0	4
121	Ethanol induced formation of graphene fractions suspended in acetonitrile. <i>Carbon</i> , 2013, 54, 495-497.	5.4	4
122	Electrooxidation of phenol in alcohols and establishment of the permeability of the electrodeposited films. <i>Polymer Bulletin</i> , 2019, 76, 215-226.	1.7	4
123	Facile synthesis of high-crystalline Bi ₂ Se ₃ nanoribbons without Se vacancies and their properties. <i>Journal of Materials Science</i> , 2020, 55, 5145-5155.	1.7	4
124	Temperature-Induced Change of Water Structure in Aqueous Solutions of Some Kosmotropic and Chaotropic Salts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12896.	1.8	4
125	Determination of critical micelle concentration in the thionin-sodium dodecyl sulphate micellar system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 75, 133-136.	2.3	3
126	Temperature-dependent solvent effect on the kinetic energy distribution on p-cresol molecule as building block of calixarene capsules. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 283-288.	1.6	3

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127	The environment controlled effect of thiacalix[4]arene on the transition thermodynamics and kinetics of bovine serum albumin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 147-151.	1.6	3
128	EtOH induced formation of nanographite fractions and their reorganization on nanostructured CeO ₂ films. <i>Chemical Physics Letters</i> , 2012, 531, 183-187.	1.2	3
129	Ab initio calculations of electronic interactions in inclusion complexes of calix- and thiacalix[n]arenes and block s cations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 39-46.	1.6	3
130	Flow cytometry based rapid duplexed immunoassay for fusarium mycotoxins. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 190-196.	1.1	3
131	Role of allyl alcohol and sodium 4-vinylbenzenesulphonate in the electrooxidation of phenol. <i>Chemical Physics Letters</i> , 2021, 764, 138270.	1.2	3
132	Effect of Anodic Pretreatment on the Performance of Glassy Carbon Electrode in Acetonitrile and Electrooxidation of Para-substituted Phenols in Acetonitrile on Platinum and Glassy Carbon Electrode. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 65, 133-138.	0.5	3
133	Investigation of anodic behaviour of phenylethers in non-aqueous solvents on platinum and glassy carbon electrodes. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1677-1687.	1.2	3
134	Thermodynamics of the Solvation of Carbon Nanotubes: Exchange of Aniline to Primary Alcohols on the Surface of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010, 18, 207-215.	1.0	2
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