

Determining association constants from titration experimental chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
58	Eight-Membered and Larger Rings. Progress in Heterocyclic Chemistry, 1990, , 277-288.	0.5	4
59	exTTF-capped gold nanoparticles as multivalent receptors for C60. Chemical Science, 2011, 2, 1384.	3.7	7
60	Sensing coiled-coil proteins through conformational modulation of energy transfer processes – selective detection of the oncogenic transcription factor c-Jun. Chemical Science, 2011, 2, 1984.	3.7	13
61	The structure and luminescence properties of europium(iii) triflate doped self-assembled pyromellitimide gels. New Journal of Chemistry, 2011, 35, 1466.	1.4	16
62	Rational design of a cyclin A fluorescent peptide sensor. Organic and Biomolecular Chemistry, 2011, 9, 7629.	1.5	14
63	A novel hole transport material for iodine-free solid state dye-sensitized solar cells. Chemical Communications, 2011, 47, 10395.	2.2	28
64	Synthesis of New Metalloporphyrin Triads: Efficient and Versatile Tripod Optical Sensor for the Detection of Amines. Inorganic Chemistry, 2011, 50, 7916-7918.	1.9	34
65	Open aryl triazole receptors: planar sheets, spheres and anion binding. Chemical Communications, 2011, 47, 5016.	2.2	29
66	Enthalpy–entropy correlations as chemical guides to unravel self-assembly processes. Dalton Transactions, 2011, 40, 8059.	1.6	35
67	Light-Induced Spin Change by Photodissociable External Ligands: A New Principle for Magnetic Switching of Molecules. Journal of the American Chemical Society, 2011, 133, 16243-16250.	6.6	141
68	Chromogenic and fluorogenic sensing of Cu ²⁺ based on coumarin. Tetrahedron, 2011, 67, 2794-2802.	1.0	127
69	Chiral Design for Polymeric Biointerface: The Influence of Surface Chirality on Protein Adsorption. Advanced Functional Materials, 2011, 21, 3276-3281.	7.8	99
71	Wraparound Hosts for Fullerenes: Tailored Macrocycles and Cages. Angewandte Chemie - International Edition, 2011, 50, 9248-9259.	7.2	209
73	Selective colorimetric sensing of CN [•] by dihydropyrazol-3-ol derivative in CH ₃ CN/H ₂ O medium. Supramolecular Chemistry, 2012, 24, 221-227.	1.5	6
74	Determining binding constants from ¹ H NMR titration data using global and local methods: a case study using [C ₁₀]polynorbornane-based anion hosts. Supramolecular Chemistry, 2012, 24, 585-594.	1.5	70
75	NMR techniques in drug delivery: Application to zein protein complexes. International Journal of Pharmaceutics, 2012, 439, 41-48.	2.6	41
76	A streptavidin paramagnetic-particle based competition assay for the evaluation of the optical selectivity of quadruplex nucleic acid fluorescent probes. Methods, 2012, 57, 129-137.	1.9	13
77	Pseudorotaxane based on tetraazamacrocyclic copper complex and dibenzocrown ether. Dalton Transactions, 2012, 41, 12452.	1.6	6

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78	Fluorescence sensing of spermine with a frustrated amphiphile. <i>Chemical Communications</i> , 2012, 48, 5841.	2.2	62
79	Counterion Exchange as a Decisive Factor in the Formation of Host:Guest Complexes by <i>p</i> -Sulfonatocalix[4]arene. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5308-5315.	1.2	29
80	Design, Preparation, and Study of Catalytic Gated Baskets. <i>Journal of Organic Chemistry</i> , 2012, 77, 2675-2688.	1.7	25
81	Allosteric Effects in Binuclear Homo- and Heterometallic Triple-Stranded Lanthanide Podates. <i>Inorganic Chemistry</i> , 2012, 51, 10012-10024.	1.9	9
82	Synthetic chloride transporters with the binding mode observed in a CIC chloride channel. <i>Chemical Communications</i> , 2012, 48, 10346.	2.2	22
83	Examples of Regioselective Anion Recognition among a Family of Two-, Three-, and Four- α -Armed-Bis-, Tris-, and Tetrakis(thioureido) [n]Polynorborene hosts. <i>Journal of Organic Chemistry</i> , 2012, 77, 8507-8517.	1.7	27
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85	Donor-Induced Helical Inversion of 1,1'-Binaphthyl Connecting with Two Molybdenum Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 13168-13172.	1.7	9
86	Switching Properties of a Spiropyran-Cucurbit[7]uril Supramolecular Assembly: Usefulness of the Anchor Approach. <i>ChemPhysChem</i> , 2012, 13, 3691-3699.	1.0	23
87	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2012, , 537-556.	0.5	2
88	Independent Pathway Formation of Guest-Host in Host Ternary Complexes Made of Ammonium Salt, Calixarene, and Cyclodextrin. <i>Journal of Organic Chemistry</i> , 2012, 77, 10764-10772.	1.7	18
89	Supramolecular Host-Guest Interactions of Oxazine-1 Dye with β - and γ -Cyclodextrins: A Photophysical and Quantum Chemical Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12450-12459.	1.2	40
91	Porphyry dyads linked by a rotatable 3,3'-biphenyl scaffold: a new binding motif for small ditopic molecules. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6045.	1.5	12
92	Pillar[n]arenes (n = 8-10) with two cavities: synthesis, structures and complexing properties. <i>Chemical Communications</i> , 2012, 48, 10999.	2.2	193
93	Fluorescent receptor for dicarboxylates based on pyrrolicarboxamides. <i>Supramolecular Chemistry</i> , 2012, 24, 361-368.	1.5	0
94	Fluorescence Enhancement of Di- <i>p</i> -tolyl Viologen by Complexation in Cucurbit[7]uril. <i>Journal of the American Chemical Society</i> , 2012, 134, 3358-3366.	6.6	109
95	Cation-induced fluorescent excimer emission in calix[4]arene-chemosensors bearing quinoline as a fluorogenic unit: experimental, molecular modeling and crystallographic studies. <i>New Journal of Chemistry</i> , 2012, 36, 988.	1.4	34
96	A new N-imidazolyl-1,8-naphthalimide based fluorescence sensor for fluoride detection. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6271.	1.5	62

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98	Enhancement of Cytotoxicity by Combining Pyrenyl-Dendrimers and Arene Ruthenium Metallacages. <i>Inorganic Chemistry</i> , 2012, 51, 7119-7124.	1.9	39
99	New regioisomeric naphthol-substituted thiazole based ratiometric fluorescence sensor for Zn ²⁺ with a remarkable red shift in emission spectra. <i>Tetrahedron</i> , 2012, 68, 647-653.	1.0	58
100	Synthesis and Evaluation of Lipophilic BTBP Ligands for An/Ln Separation in Nuclear Waste Treatment: The Effect of Alkyl Substitution on Extraction Properties and Implications for Ligand Design. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1509-1519.	1.2	48
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102	Aryl C-H...Cl hydrogen bonding in a fluorescent anion sensor. <i>Chemical Communications</i> , 2013, 49, 7240.	2.2	52
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105	Pincher ferrocene-derived cation carboxylate ion pairs in aqueous DMSO. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5827.	1.5	13
106	New regioisomeric naphthol-thiazole based "turn-on" fluorescent chemosensor for Al ³⁺ . <i>Tetrahedron</i> , 2013, 69, 9600-9608.	1.0	34
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108	1-(2-Pyridyl)-3-ferrocenylpyrazoline-Based Multichannel Signaling Receptors for Co ²⁺ , Cu ²⁺ , and Zn ²⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6019-6027.	1.0	17
109	Complexation of a pentiptycene-derived trans-bis(crown ether) host with different terminally functionalized paraquat derivatives in solution and the solid state: a switchable complexation process controlled by potassium ions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8183.	1.5	5
110	Bis(amino amides) derived from natural amino acids as chiral receptors for N-protected dicarboxylic amino acids. <i>Tetrahedron Letters</i> , 2013, 54, 72-79.	0.7	28
111	Highly Specific and Reversible Fluoride Sensor Based on an Organic Semiconductor. <i>Analytical Chemistry</i> , 2013, 85, 9968-9974.	3.2	39
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135	BTBPs versus BTPHens: Some Reasons for Their Differences in Properties Concerning the Partitioning of Minor Actinides and the Advantages of BTPHens. <i>Inorganic Chemistry</i> , 2013, 52, 4993-5005.	1.9	137
136	5-(1H-Indol-3-yl)-pyrazolyl derivatives as colorimetric sensor for anions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 183-191.	1.6	15
137	A highly selective fluorescent turn-on probe for Al ³⁺ via Al ³⁺ -promoted hydrolysis of ester. <i>Tetrahedron</i> , 2013, 69, 6095-6099.	1.0	38
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145	Sculpting nanofibers of a bolaamphiphilic peptide through sonication, and quantifying its interaction with anions. <i>RSC Advances</i> , 2013, 3, 17244.	1.7	9
146	Folding and anion-binding properties of an indolocarbazole dimer with urea appendages. <i>Supramolecular Chemistry</i> , 2013, 25, 46-53.	1.5	6
147	CONSTEQ - A program for association constants determination using solution NMR data. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	5
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153	DNA-Binding Properties of Amidine-Substituted Spiropyran Photoswitches. <i>Chemistry - A European Journal</i> , 2014, 20, 15855-15862.	1.7	37

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155	Podand-Based Dimeric Chromium(III)-Salen Complex for Asymmetric Henry Reaction: Cooperative Catalysis Promoted by Complexation of Alkali Metal Ions. <i>Chemistry - A European Journal</i> , 2014, 20, 16454-16457.	1.7	28
156	Topological isomerism in a chiral handcuff catenane. <i>Chemical Science</i> , 2014, 5, 90-100.	3.7	24
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161	Spectroscopic study on encapsulation of two structurally similar donor-acceptor dyes in model cyclodextrin nanocavity. <i>Journal of Molecular Structure</i> , 2014, 1068, 228-236.	1.8	0
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165	Cucurbit[7]uril host-guest complexations of steroidal neuromuscular blocking agents in aqueous solution. <i>Canadian Journal of Chemistry</i> , 2014, 92, 243-249.	0.6	20
166	Cooperativity and Complexity in the Binding of Anions and Cations to a Tetratopic Ion-Pair Host. <i>Journal of the American Chemical Society</i> , 2014, 136, 7505-7516.	6.6	113
167	Sulfate templated assembly of neutral receptors in aqueous DMSO - orthogonal versus biplane structures. <i>Chemical Communications</i> , 2014, 50, 1305-1308.	2.2	12
168	Beyond click chemistry - supramolecular interactions of 1,2,3-triazoles. <i>Chemical Society Reviews</i> , 2014, 43, 2522.	18.7	669
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194	Design, synthesis and anion recognition of ferrocene-based benzimidazolium receptors. <i>Journal of Organometallic Chemistry</i> , 2014, 770, 85-93.	0.8	20
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1053	A facile AIEgen-based fluorescent probe design strategy and its application in hypochlorite probe construction. <i>Sensors and Actuators B: Chemical</i> , 2020, 314, 128083.	4.0	30
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1203	Dynamic Nucleophilic Aromatic Substitution of Tetrazines. <i>Angewandte Chemie</i> , 2021, 133, 18931-18939.	1.6	3

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1669	Donorâ€“acceptor complex formation by social self-sorting of polycyclic aromatic hydrocarbons and perylene bisimides. <i>Chemical Communications</i> , 2023, 59, 11656-11659.	2.2	2
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1714	Heterometallic cages: synthesis and applications. <i>Chemical Society Reviews</i> , 2024, 53, 25-46.	18.7	0
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