Werner M Nau

List of Publications by Year
in descending order

294 papers	18,962 citations	15001 68 h-index	17373 126 g-index
331 all docs	331 docs citations	331 times ranked	11943 citing authors

#	Article	IF	Citations
1	Electrostatically induced pKa shifts in oligopeptides: the upshot of neighboring side chains. Amino Acids, 2022, 54, 277.	1.2	4
2	Binding affinity of aniline-substituted dodecaborates to cyclodextrins. Chemical Communications, 2022, 58, 2363-2366.	2.2	6
3	Supramolecular Catalysis of a Catalysis-Resistant Dielsâ€“Alder Reaction: Almost Theoretical Acceleration of Cyclopentadiene Dimerization inside Cucurbit[7]uril. ACS Catalysis, 2022, 12, 2261-2269.	5.5	21
4	Boron clusters as broadband membrane carriers. Nature, 2022, 603, 637-642.	13.7	62
5	Discrete, Cationic Palladium(II)â€Oxo Clusters via fâ€Metal Ion Incorporation and their Macrocyclic Hostâ€Guest Interactions with Sulfonatocalixarenes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	20
6	Dynamic Interconversions of Single Molecules Probed by Recognition Tunneling at Cucurbit[7]urilâ€Functionalized Supramolecular Junctions. Angewandte Chemie, 2022, 134, .	1.6	4
7	Dynamic Interconversions of Single Molecules Probed by Recognition Tunneling at Cucurbit[7]urilâ€Functionalized Supramolecular Junctions. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
8	Protonâ€Gradientâ€Driven Sensitivity Enhancement of Liposomeâ€Encapsulated Supramolecular Chemosensors. Angewandte Chemie - International Edition, 2022, 61, .	7.2	10
9	An Amphiphilic Sulfonatocalix[5]arene as an Activator for Membrane Transport of Lysineâ€rich Peptides and Proteins. Angewandte Chemie - International Edition, 2021, 60, 1875-1882.	7.2	18
10	An Amphiphilic Sulfonatocalix[5]arene as an Activator for Membrane Transport of Lysineâ€rich Peptides and Proteins. Angewandte Chemie, 2021, 133, 1903-1910.	1.6	2
11	Reversible covalent locking of a supramolecular hydrogel via UV-controlled anthracene dimerization. Polymer Chemistry, 2021, 12, 307-315.	1.9	17
12	A reference scale of cucurbit[7]uril binding affinities. Organic and Biomolecular Chemistry, 2021, 19, 8521-8529.	1.5	21
13	Carbon Dot Blinking Enables Accurate Molecular Counting at Nanoscale Resolution. Analytical Chemistry, 2021, 93, 3968-3975.	3.2	13
14	Permeation eines 5.1â€kDaâ€Peptides durch einen Proteinkanal: Molekulare Basis der Translokation von Protamin durch CymA aus Klebsiella Oxytoca **. Angewandte Chemie, 2021, 133, 8170-8175.	1.6	2
15	Largeâ€Peptide Permeation Through a Membrane Channel: Understanding Protamine Translocation Through CymA from Klebsiella Oxytoca**. Angewandte Chemie - International Edition, 2021, 60, 8089-8094.	7.2	15
16	Cucurbituril Ameliorates Liver Damage Induced by Microcystis aeruginosa in a Mouse Model. Frontiers in Chemistry, 2021, 9, 660927.	1.8	1
17	Membrane Permeability and Its Activation Energies in Dependence on Analyte, Lipid, and Phase Type Obtained by the Fluorescent Artificial Receptor Membrane Assay. ACS Sensors, 2021, 6, 175-182.	4.0	16
18	Self-assembled theranostic microcarrier targeting tumor cells with high metastatic potential. Materials and Design, 2021, 212, 110196.	3.3	2

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19	Efficient Hydroâ€•and Organogelation by Minimalistic Diketopiperazines Containing a Highly Insoluble Aggregationâ€Induced, Blueâ€Shifted Emission Luminophore**. Chemistry - A European Journal, 2021, 27, 16488-16497.	1.7	3
20	Hostâ€“Guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as a Hybrid System in CO₂ Reduction. ACS Catalysis, 2020, 10, 751-761.	5.5	43
21	Real-Time Parallel Artificial Membrane Permeability Assay Based on Supramolecular Fluorescent Artificial Receptors. Frontiers in Chemistry, 2020, 8, 597927.	1.8	17
22	Fluorescent artificial receptor-based membrane assay (FARMA) for spatiotemporally resolved monitoring of biomembrane permeability. Communications Biology, 2020, 3, 383.	2.0	32
23	Interaction of Cucurbit[7]uril With Protease Substrates: Application to Nanosecond Time-Resolved Fluorescence Assays. Frontiers in Chemistry, 2020, 8, 806.	1.8	4
24	Reliably Probing the Conductance of a Molecule in a Cavity via van der Waals Contacts. Journal of Physical Chemistry C, 2020, 124, 16143-16148.	1.5	15
25	Hostâ€Guest Complexation Affects Peryleneâ€Based Dye Aggregation. ChemistrySelect, 2020, 5, 5850-5854.	0.7	8
26	Faceâ€Fusion of Icosahedral Boron Hydride Increases Affinity to Î³â€Cyclodextrin: closo , closo â€[B 21 H 18] â^' as an Anion with Very Low Free Energy of Dehydration. ChemPhysChem, 2020, 21, 971-976.	1.0	14
27	Augmenting Peptide Flexibility by Inserting Gamma-Aminobutyric Acid (GABA) in Their Sequence. International Journal of Peptide Research and Therapeutics, 2020, 26, 2633-2640.	0.9	4
28	Encapsulation of ionic liquids inside cucurbiturils. Organic and Biomolecular Chemistry, 2020, 18, 2120-2128.	1.5	4
29	High-Affinity Binding of Metallacarborane Cobalt Bis(dicarbollide) Anions to Cyclodextrins and Application to Membrane Translocation. Journal of Organic Chemistry, 2019, 84, 11790-11798.	1.7	58
30	Labelâ€Free Fluorescent Kinase and Phosphatase Enzyme Assays with Supramolecular Hostâ€Dye Pairs. ChemistryOpen, 2019, 8, 1350-1354.	0.9	14
31	Coassembly of Gold Nanoclusters with Nucleic Acids: Sensing, Bioimaging, and Gene Transfection. Particle and Particle Systems Characterization, 2019, 36, 1900281.	1.2	11
32	A Selective Cucurbit[8]urilâ€Peptide Beacon Ensemble for the Ratiometric Fluorescence Detection of Peptides. Chemistry - A European Journal, 2019, 25, 13088-13093.	1.7	18
33	Applications of Cucurbiturils in Medicinal Chemistry and Chemical Biology. Frontiers in Chemistry, 2019, 7, 619.	1.8	118
34	Synthesis and photophysical properties of inclusion complexes between conjugated polyazomethines with Î³-cyclodextrin and its tris-O-methylated derivative. European Polymer Journal, 2019, 113, 236-243.	2.6	12
35	Cucurbit[7]urilâ€Threaded Poly(3,4â€ethylenedioxythiophene): A Novel Processable Conjugated Polyrotaxane. European Journal of Organic Chemistry, 2019, 2019, 3442-3450.	1.2	11
36	Ratiometric DNA sensing with a hostâ€“guest FRET pair. Chemical Communications, 2019, 55, 671-674.	2.2	39

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37	Selective Detection of Nitroexplosives Using Molecular Recognition within Self-Assembled Plasmonic Nanojunctions. Journal of Physical Chemistry C, 2019, 123, 15769-15776.	1.5	31
38	Fluorescence Monitoring of Peptide Transport Pathways into Large and Giant Vesicles by Supramolecular Hostâ€“Dye Reporter Pairs. Journal of the American Chemical Society, 2019, 141, 20137-20145.	6.6	69
39	A supramolecular five-component relay switch that exposes the mechanistic competition of dissociativeversusassociative binding to cucurbiturils by ratiometric fluorescence monitoring. Chemical Communications, 2019, 55, 14123-14126.	2.2	15
40	Versatile, one-pot introduction of nonahalogenated 2-ammonio-decaborate ions as boron cluster scaffolds into organic molecules; hostâ€“guest complexation with Î³-cyclodextrin. Chemical Communications, 2019, 55, 13669-13672.	2.2	11
41	Binding affinities of cucurbit[n]urils with cations. Chemical Communications, 2019, 55, 14131-14134.	2.2	64
42	Preferential binding of unsaturated hydrocarbons in aryl-bisimidazoliumÂ·cucurbit[8]uril complexes furbishes evidence for small-molecule Ï€â€“Ï€ interactions. Chemical Science, 2019, 10, 10240-10246.	3.7	12
43	Orthogonal Molecular Recognition of Chaotropic and Hydrophobic Guests Enables Supramolecular Architectures. ChemNanoMat, 2019, 5, 124-129.	1.5	12
44	Chapter 6. Cucurbituril-based Sensors and Assays. Monographs in Supramolecular Chemistry, 2019, , 121-149.	0.2	2
45	Cucurbituril Properties and the Thermodynamic Basis of Hostâ€“Guest Binding. Monographs in Supramolecular Chemistry, 2019, , 54-85.	0.2	3
46	Method-Unifying View of Loop-Formation Kinetics in Peptide and Protein Folding. Journal of Physical Chemistry B, 2018, 122, 4445-4456.	1.2	10
47	Supramolecular assemblies through hostâ€“guest complexation between cucurbiturils and an amphiphilic guest molecule. Chemical Communications, 2018, 54, 1734-1737.	2.2	35
48	The chaotropic effect as an orthogonal assembly motif for multi-responsive dodecaborate-cucurbituril supramolecular networks. Chemical Communications, 2018, 54, 2098-2101.	2.2	62
49	Structural Effects on Guest Binding in Cucurbit[8]urilâ€Perylenemonoimide Hostâ€Guest Complexes. ChemistrySelect, 2018, 3, 4699-4704.	0.7	11
50	Two Orders of Magnitude Variation of Diffusion-Enhanced FÃ¶rster Resonance Energy Transfer in Polypeptide Chains. Polymers, 2018, 10, 1079.	2.0	2
51	Cavitation energies can outperform dispersion interactions. Nature Chemistry, 2018, 10, 1252-1257.	6.6	60
52	Precise supramolecular control of surface coverage densities on polymer micro- and nanoparticles. Chemical Science, 2018, 9, 8575-8581.	3.7	17
53	A Supramolecular Approach for Enhanced Antibacterial Activity and Extended Shelf-life of Fluoroquinolone Drugs with Cucurbit[7]uril. Scientific Reports, 2018, 8, 13925.	1.6	48
54	Rational design of boron-dipyrromethene (BODIPY) reporter dyes for cucurbit[7]uril. Beilstein Journal of Organic Chemistry, 2018, 14, 1961-1971.	1.3	14

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55	The Chaotropic Effect as an Assembly Motif in Chemistry. Angewandte Chemie - International Edition, 2018, 57, 13968-13981.	7.2	231
56	Der chaotrope Effekt als Aufbaumotiv in der Chemie. Angewandte Chemie, 2018, 130, 14164-14177.	1.6	42
57	Hostâ€“Guest Chemistry of Carboranes: Synthesis of Carboxylate Derivatives and Their Binding to Cyclodextrins. Chemistry - A European Journal, 2018, 24, 12970-12975.	1.7	24
58	Hierarchical hostâ€“guest assemblies formed on dodecaborate-coated gold nanoparticles. Chemical Communications, 2017, 53, 4616-4619.	2.2	40
59	Binary twinned-icosahedral [B₂₁H₁₈]^{â^'} interacts with cyclodextrins as a precedent for its complexation with other organic motifs. Physical Chemistry Chemical Physics, 2017, 19, 11748-11752.	1.3	26
60	Gold nanoparticle aggregation enables colorimetric sensing assays for enzymatic decarboxylation. Analytical Methods, 2017, 9, 2784-2787.	1.3	14
61	Deep-Red Fluorescent Gold Nanoclusters for Nucleoli Staining: Real-Time Monitoring of the Nucleolar Dynamics in Reverse Transformation of Malignant Cells. ACS Applied Materials & Interfaces, 2017, 9, 17799-17806.	4.0	46
62	Polyrotaxanes based on PEG-amine with cucurbit[7]uril, Î±-cyclodextrin and its tris-O-methylated derivative. European Polymer Journal, 2017, 93, 323-333.	2.6	15
63	A Label-Free Continuous Fluorescence-Based Assay for Monitoring Ornithine Decarboxylase Activity with a Synthetic Putrescine Receptor. SLAS Discovery, 2017, 22, 906-914.	1.4	23
64	Phosphorylationâ€Responsive Membrane Transport of Peptides. Angewandte Chemie - International Edition, 2017, 56, 15742-15745.	7.2	49
65	Phosphorylierung reguliert den Membrantransport von Peptiden. Angewandte Chemie, 2017, 129, 15948-15951.	1.6	10
66	A fluorescent, supramolecular chemosensor to follow steroid depletion in bacterial cultures. Analytical and Bioanalytical Chemistry, 2017, 409, 6485-6494.	1.9	14
67	Intracavity folding of a perylene dye affords a high-affinity complex with cucurbit[8]uril. Chemical Communications, 2017, 53, 9242-9245.	2.2	18
68	Helicityâ€Dependent Regiodifferentiation in the Excitedâ€State Quenching and Chiroptical Properties of Inward/Outward Helical Coumarins. Chemistry - A European Journal, 2017, 23, 14797-14805.	1.7	25
69	Comparison of Complexation-Induced pK_a Shifts in the Ground and Excited States of Dyes as Well as Different Macrocyclic Hosts and Their Manifestation in Host-Retarded Excited-Dye Deprotonation. Journal of Physical Chemistry B, 2017, 121, 11390-11398.	1.2	24
70	HYDROPHOBE Challenge: A Joint Experimental and Computational Study on the Hostâ€“Guest Binding of Hydrocarbons to Cucurbiturils, Allowing Explicit Evaluation of Guest Hydration Free-Energy Contributions. Journal of Physical Chemistry B, 2017, 121, 11144-11162.	1.2	62
71	Tuning protonation states of tripelennamine antihistamines by cucurbit[7]uril. Journal of Physical Organic Chemistry, 2016, 29, 101-106.	0.9	22
72	Chitin-acetate/DMSO as a supramolecular green CO₂-phile. RSC Advances, 2016, 6, 22090-22093.	1.7	32

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73	Cucurbit[7]uril-based fluorene polyrotaxanes. European Polymer Journal, 2016, 83, 256-264.	2.6	10
74	Nanomolar Binding of Steroids to Cucurbit[n]urils: Selectivity and Applications. Journal of the American Chemical Society, 2016, 138, 13022-13029.	6.6	143
75	High-affinity hostâ€“guest chemistry of large-ring cyclodextrins. Organic and Biomolecular Chemistry, 2016, 14, 7702-7706.	1.5	80
76	Active tumor-targeting luminescent gold clusters with efficient urinary excretion. Chemical Communications, 2016, 52, 9232-9235.	2.2	33
77	Inclusion of neutral guests by water-soluble macrocyclic hosts â€“ a comparative thermodynamic investigation with cyclodextrins, calixarenes and cucurbiturils. Supramolecular Chemistry, 2016, 28, 384-395.	1.5	45
78	Dodecaborate-Functionalized Anchor Dyes for Cyclodextrin-Based Indicator Displacement Applications. Organic Letters, 2016, 18, 932-935.	2.4	65
79	Photophysical properties of neutral and dissociated forms of rosmarinic acid. Journal of Luminescence, 2016, 175, 50-56.	1.5	24
80	Water Structure Recovery in Chaotropic Anion Recognition: Highâ€Affinity Binding of Dodecaborate Clusters to Î³â€Cyclodextrin. Angewandte Chemie - International Edition, 2015, 54, 6852-6856.	7.2	214
81	RÃ¼cktitelbild: Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to Î³-Cyclodextrin (Angew. Chem. 23/2015). Angewandte Chemie, 2015, 127, 7046-7046.	1.6	1
82	Energy and Electron Transfer Dynamics within a Series of Perylene Diimide/Cyclophane Systems. Journal of the American Chemical Society, 2015, 137, 15299-15307.	6.6	64
83	Synthesis, Photophysical, and Morphological Properties of Azomethineâ€Persylilated Î±â€Cyclodextrin Mainâ€Chain Polyrotaxane. Macromolecular Chemistry and Physics, 2015, 216, 662-670.	1.1	12
84	Indicator Displacement Assays Inside Live Cells. Angewandte Chemie - International Edition, 2015, 54, 792-795.	7.2	104
85	Cucurbiturils as supramolecular inhibitors of DNA restriction by type II endonucleases. Organic and Biomolecular Chemistry, 2015, 13, 2866-2869.	1.5	32
86	Tuning temperature responsive poly(2-alkyl-2-oxazoline)s by supramolecular hostâ€“guest interactions. Organic and Biomolecular Chemistry, 2015, 13, 3048-3057.	1.5	21
87	Thermoresponsive Interplay of Water Insoluble Poly(2-alkyl-2-oxazoline)s Composition and Supramolecular Hostâ€“Guest Interactions. International Journal of Molecular Sciences, 2015, 16, 7428-7444.	1.8	12
88	Associative chemosensing by fluorescent macrocycleâ€“dye complexes â€“ a versatile enzyme assay platform beyond indicator displacement. Chemical Communications, 2015, 51, 4977-4980.	2.2	57
89	Coulomb Repulsion in Short Polypeptides. Journal of Physical Chemistry B, 2015, 119, 33-43.	1.2	17
90	Molecular wire formation from poly[2,7-(9,9-dioctylfluorene)-alt-(5,5â€²-bithiophene/cucurbit[7]uril)] polyrotaxane copolymer. European Polymer Journal, 2015, 62, 124-129.	2.6	13

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91	Triple Emission from pâ€Dimethylaminobenzonitrileâ€“Cucurbit[8]uril Triggers the Elusive Excimer Emission. Chemistry - A European Journal, 2015, 21, 691-696.	1.7	44
92	Cucurbiturils: from synthesis to high-affinity binding and catalysis. Chemical Society Reviews, 2015, 44, 394-418.	18.7	1,100
93	Chemosensing Ensembles for Monitoring Biomembrane Transport in Real Time. Angewandte Chemie - International Edition, 2014, 53, 2762-2765.	7.2	97
94	NichtkovalenteChiralitÃtssensorikâ€Ensembles zur Detektion und Reaktionsverfolgung von AminosÃuren, Peptiden, Proteinen und aromatischen Wirkstoffen. Angewandte Chemie, 2014, 126, 5802-5807.	1.6	40
95	Noncovalent Chirality Sensing Ensembles for the Detection and Reaction Monitoring of Amino Acids, Peptides, Proteins, and Aromatic Drugs. Angewandte Chemie - International Edition, 2014, 53, 5694-5699.	7.2	193
96	The Hydrophobic Effect Revisitedâ€”Studies with Supramolecular Complexes Imply Highâ€Energy Water as a Noncovalent Driving Force. Angewandte Chemie - International Edition, 2014, 53, 11158-11171.	7.2	502
97	Dynamically Analyte-Responsive Macrocyclic Hostâ€“Fluorophore Systems. Accounts of Chemical Research, 2014, 47, 2150-2159.	7.6	319
98	A Simple Assay for Quality Binders to Cucurbiturils. Chemistry - A European Journal, 2014, 20, 9897-9901.	1.7	39
99	Cucurbiturils as fluorophilic receptors. Supramolecular Chemistry, 2014, 26, 657-669.	1.5	45
100	Excited-state properties of fluorenones: influence of substituents, solvent and macrocyclic encapsulation. Physical Chemistry Chemical Physics, 2014, 16, 16436-16445.	1.3	38
101	Efficient Hostâ€“Guest Energy Transfer in Polycationic Cyclophaneâ€“Perylene Diimide Complexes in Water. Journal of the American Chemical Society, 2014, 136, 9053-9060.	6.6	97
102	Cucurbit[8]uril and Blue-Box: High-Energy Water Release Overwhelms Electrostatic Interactions. Journal of the American Chemical Society, 2013, 135, 14879-14888.	6.6	174
103	Diffusion-Enhanced FÃ¶rster Resonance Energy Transfer and the Effects of External Quenchers and the Donor Quantum Yield. Journal of Physical Chemistry B, 2013, 117, 185-198.	1.2	28
104	Chemistry inside molecular containers in the gas phase. Nature Chemistry, 2013, 5, 376-382.	6.6	144
105	The â€œTrueâ€•Affinities of Metal Cations to pâ€Sulfonatocalix[4]arene: A Thermodynamic Study at Neutral pH Reveals a Pitfall Due to Salt Effects in Microcalorimetry. Chemistry - A European Journal, 2013, 19, 17809-17820.	1.7	45
106	Cucurbiturils in Drug Delivery And For Biomedical Applications. Monographs in Supramolecular Chemistry, 2013, , 164-212.	0.2	23
107	Corynebacterium jeikeium jk0268 Constitutes for the 40 Amino Acid Long PorACj, Which Forms a Homooligomeric and Anion-Selective Cell Wall Channel. PLoS ONE, 2013, 8, e75651.	1.1	14
108	Halogen Bonding inside a Molecular Container. Journal of the American Chemical Society, 2012, 134, 19935-19941.	6.6	119

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109	In-cage and out-of-cage combinations of benzylic radical pairs in the glassy and melted states of poly(alkyl methacrylate)s. Photochemical and Photobiological Sciences, 2012, 11, 914-924.	1.6	7
110	Release of High-Energy Water as an Essential Driving Force for the High-Affinity Binding of Cucurbit[n]urils. Journal of the American Chemical Society, 2012, 134, 15318-15323.	6.6	471
111	Validation of Drug-Like Inhibitors against Mycobacterium Tuberculosis L-Aspartate Î±-Decarboxylase Using Nuclear Magnetic Resonance (1H NMR). PLoS ONE, 2012, 7, e45947.	1.1	10
112	Monitoring Stepwise Proteolytic Degradation of Peptides by Supramolecular Domino Tandem Assays and Mass Spectrometry for Trypsin and Leucine Aminopeptidase. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	10
113	Interactions of Amino Acids and Polypeptides with Metal Oxide Nanoparticles Probed by Fluorescent Indicator Adsorption and Displacement. ACS Nano, 2012, 6, 5668-5679.	7.3	49
114	Strongly Fluorescent, Switchable Perylene Bis(diimide) Hostâ€“Guest Complexes with Cucurbit[8]uril In Water. Angewandte Chemie - International Edition, 2012, 51, 7739-7743.	7.2	199
115	Supramolecular Tandem Enzyme Assays. Chemistry - A European Journal, 2012, 18, 3444-3459.	1.7	130
116	A Fluorescenceâ€Based Supramolecular Tandem Assay for Monitoring Lysine Methyltransferase Activity in Homogeneous Solution. Chemistry - A European Journal, 2012, 18, 3521-3528.	1.7	74
117	The strategic use of supramolecular pKa shifts to enhance the bioavailability of drugs. Advanced Drug Delivery Reviews, 2012, 64, 764-783.	6.6	310
118	Effect of Î±-cyclodextrin on the optical and surface-morphological properties of pyreneâ€“triazole azomethine oligomers. Chemical Physics Letters, 2012, 535, 120-125.	1.2	16
119	Monitoring stepwise proteolytic degradation of peptides by supramolecular domino tandem assays and mass spectrometry for trypsin and leucine aminopeptidase. Natural Product Communications, 2012, 7, 343-8.	0.2	11
120	Determining Protease Substrate Selectivity and Inhibition by Label-Free Supramolecular Tandem Enzyme Assays. Journal of the American Chemical Society, 2011, 133, 7528-7535.	6.6	176
121	Conformational Discrepancies Between Molecular Dynamics Force Fields and Vibrational Spectroscopy in Short Alanine-Based Peptides. Biophysical Journal, 2011, 100, 518a.	0.2	1
122	Operational calixarene-based fluorescent sensing systems for choline and acetylcholine and their application to enzymatic reactions. Chemical Science, 2011, 2, 1722.	3.7	229
123	Steady-state photochemistry (Pschorr cyclization) and nanosecond transient absorption spectroscopy of twisted 2-bromoaryl ketones. Pure and Applied Chemistry, 2011, 83, 841-860.	0.9	3
124	Effect of cucurbit[n]urils on tropicamide and potential application in ocular drug delivery. Supramolecular Chemistry, 2011, 23, 650-656.	1.5	40
125	Fluorescent Dyes and Their Supramolecular Host/Guest Complexes with Macrocycles in Aqueous Solution. Chemical Reviews, 2011, 111, 7941-7980.	23.0	975
126	A coumarin-based fluorescent PET sensor utilizing supramolecular pKa shifts. Tetrahedron Letters, 2011, 52, 5249-5254.	0.7	33

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127	Deep Inside Cucurbiturils: Physical Properties and Volumes of their Inner Cavity Determine the Hydrophobic Driving Force for Hostâ€“Guest Complexation. Israel Journal of Chemistry, 2011, 51, 559-577.	1.0	319
128	The World of Cucurbiturils â€” From Peculiarity to Commodity. Israel Journal of Chemistry, 2011, 51, 492-494.	1.0	31
129	Supramolecular encapsulation of benzimidazole-derived drugs by cucurbit[7]uril. Canadian Journal of Chemistry, 2011, 89, 139-147.	0.6	133
130	A photoinduced pH jump applied to drug release from cucurbit[7]uril. Chemical Communications, 2011, 47, 8793.	2.2	82
131	Solvent Polarity Affects H Atom Abstractions from Câ€“H Donors. Organic Letters, 2011, 13, 2694-2697.	2.4	9
132	Effect of Rotaxane Formation on the Photophysical, Morphological, and Adhesion Properties of Poly[2,7â€(9,9â€dioctylfluorene)â€altâ€(5,5'â€bithiophene)] Mainâ€Chain Polyrotaxanes. Macromolecular Chemistry and Physics, 2011, 212, 1022-1031.	1.1	22
133	Transitionâ€Metalâ€Promoted Chemoselective Photoreactions at the Cucurbituril Rim. Angewandte Chemie - International Edition, 2011, 50, 545-548.	7.2	103
134	Strong Binding of Hydrocarbons to Cucurbituril Probed by Fluorescent Dye Displacement: A Supramolecular Gasâ€Sensing Ensemble. Angewandte Chemie - International Edition, 2011, 50, 9338-9342.	7.2	157
135	Toxicity of cucurbit[7]uril and cucurbit[8]uril: an exploratory in vitro and in vivo study. Organic and Biomolecular Chemistry, 2010, 8, 2037.	1.5	342
136	Molecular Encapsulation of Fluorescent Dyes Affords Efficient Narrowâ€band Dye Laser Operation in Water. ChemPhysChem, 2010, 11, 3333-3338.	1.0	63
137	Effect of Lowerâ€Rim Alkylation of pâ€Sulfonatocalix[4]arene on the Thermodynamics of Hostâ€“Guest Complexation. European Journal of Organic Chemistry, 2010, 2010, 1704-1710.	1.2	36
138	Under control. Nature Chemistry, 2010, 2, 248-250.	6.6	61
139	Investigating Conformational Ensembles in Alanine Based Peptides Using Vibrational and Ecd Spectroscopy. Biophysical Journal, 2010, 98, 31a-32a.	0.2	0
140	Discrepancies between Conformational Distributions of a Polyalanine Peptide in Solution Obtained from Molecular Dynamics Force Fields and Amide Iâ€² Band Profiles. Journal of Physical Chemistry B, 2010, 114, 17201-17208.	1.2	38
141	Phase-Dependent Lateral Diffusion of Î±-Tocopherol in DPPC Liposomes Monitored by Fluorescence Quenching. Langmuir, 2010, 26, 14723-14729.	1.6	12
142	Selective time-resolved binding of copper(ii) by pyropheophorbide-a methyl ester. Photochemical and Photobiological Sciences, 2010, 9, 649-654.	1.6	9
143	Implementation of anion-receptor macrocycles in supramolecular tandem assays for enzymes involving nucleotides as substrates, products, and cofactors. Organic and Biomolecular Chemistry, 2010, 8, 1033.	1.5	64
144	Supramolecular logic with macrocyclic input and competitive reset. Chemical Communications, 2010, 46, 2635.	2.2	98

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145	Modulation of Spectrokinetic Properties of oâ€Quinonoid Reactive Intermediates by Electronic Factors: Timeâ€Resolved Laser Flash and Steadyâ€State Photolysis Investigations of Photochromic 6â€•and 7â€Arylchromenes. Chemistry - A European Journal, 2009, 15, 4289-4300.	1.7	33
146	Modulation of Excitedâ€State Proton Transfer of 2â€(2â€²â€Hydroxyphenyl)benzimidazole in a Macrocyclic Cucurbit[7]uril Host Cavity: Dual Emission Behavior and pK_a Shift. Chemistry - A European Journal, 2009, 15, 12362-12370.	1.7	91
147	Polyrotaxanes of Pyreneâ€“Triazole Conjugated Azomethine and Î±â€Cyclodextrin with High Fluorescence Properties. Macromolecular Chemistry and Physics, 2009, 210, 1440-1449.	1.1	24
148	Substrate-Selective Supramolecular Tandem Assays: Monitoring Enzyme Inhibition of Arginase and Diamine Oxidase by Fluorescent Dye Displacement from Calixarene and Cucurbituril Macrocycles. Journal of the American Chemical Society, 2009, 131, 11558-11570.	6.6	203
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