

Werner M Nau

List of Publications by Year in descending order

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294
papers

18,962
citations

13099

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15266

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331
all docs

331
docs citations

331
times ranked

10683
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatically induced pKa shifts in oligopeptides: the upshot of neighboring side chains. <i>Amino Acids</i> , 2022, 54, 277.	2.7	4
2	Binding affinity of aniline-substituted dodecaborates to cyclodextrins. <i>Chemical Communications</i> , 2022, 58, 2363-2366.	4.1	6
3	Supramolecular Catalysis of a Catalysis-Resistant Diels-Alder Reaction: Almost Theoretical Acceleration of Cyclopentadiene Dimerization inside Cucurbit[7]uril. <i>ACS Catalysis</i> , 2022, 12, 2261-2269.	11.2	21
4	Boron clusters as broadband membrane carriers. <i>Nature</i> , 2022, 603, 637-642.	27.8	62
5	Discrete, Cationic Palladium(II)-Oxo Clusters via Metal Ion Incorporation and their Macrocyclic Host-Guest Interactions with Sulfonatocalixarenes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
6	Dynamic Interconversions of Single Molecules Probed by Recognition Tunneling at Cucurbit[7]uril-Functionalized Supramolecular Junctions. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
7	Dynamic Interconversions of Single Molecules Probed by Recognition Tunneling at Cucurbit[7]uril-Functionalized Supramolecular Junctions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
8	Proton-Gradient-Driven Sensitivity Enhancement of Liposome-Encapsulated Supramolecular Chemosensors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
9	An Amphiphilic Sulfonatocalix[5]arene as an Activator for Membrane Transport of Lysine-rich Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1875-1882.	13.8	18
10	An Amphiphilic Sulfonatocalix[5]arene as an Activator for Membrane Transport of Lysine-rich Peptides and Proteins. <i>Angewandte Chemie</i> , 2021, 133, 1903-1910.	2.0	2
11	Reversible covalent locking of a supramolecular hydrogel via UV-controlled anthracene dimerization. <i>Polymer Chemistry</i> , 2021, 12, 307-315.	3.9	17
12	A reference scale of cucurbit[7]uril binding affinities. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8521-8529.	2.8	21
13	Carbon Dot Blinking Enables Accurate Molecular Counting at Nanoscale Resolution. <i>Analytical Chemistry</i> , 2021, 93, 3968-3975.	6.5	13
14	Permeation eines 5.1-kDa-Peptides durch einen Proteinkanal: Molekulare Basis der Translokation von Protamin durch CymA aus <i>Klebsiella Oxytoca</i> **. <i>Angewandte Chemie</i> , 2021, 133, 8170-8175.	2.0	2
15	Large-Peptide Permeation Through a Membrane Channel: Understanding Protamine Translocation Through CymA from <i>Klebsiella Oxytoca</i> **. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8089-8094.	13.8	15
16	Cucurbituril Ameliorates Liver Damage Induced by <i>Microcystis aeruginosa</i> in a Mouse Model. <i>Frontiers in Chemistry</i> , 2021, 9, 660927.	3.6	1
17	Membrane Permeability and Its Activation Energies in Dependence on Analyte, Lipid, and Phase Type Obtained by the Fluorescent Artificial Receptor Membrane Assay. <i>ACS Sensors</i> , 2021, 6, 175-182.	7.8	16
18	Self-assembled theranostic microcarrier targeting tumor cells with high metastatic potential. <i>Materials and Design</i> , 2021, 212, 110196.	7.0	2

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19	Efficient Hydro- and Organogelation by Minimalistic Diketopiperazines Containing a Highly Insoluble Aggregation-Induced, Blue-Shifted Emission Luminophore**. <i>Chemistry - A European Journal</i> , 2021, 27, 16488-16497.	3.3	3
20	Host-Guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as a Hybrid System in CO ₂ Reduction. <i>ACS Catalysis</i> , 2020, 10, 751-761.	11.2	43
21	Real-Time Parallel Artificial Membrane Permeability Assay Based on Supramolecular Fluorescent Artificial Receptors. <i>Frontiers in Chemistry</i> , 2020, 8, 597927.	3.6	17
22	Fluorescent artificial receptor-based membrane assay (FARMA) for spatiotemporally resolved monitoring of biomembrane permeability. <i>Communications Biology</i> , 2020, 3, 383.	4.4	32
23	Interaction of Cucurbit[7]uril With Protease Substrates: Application to Nanosecond Time-Resolved Fluorescence Assays. <i>Frontiers in Chemistry</i> , 2020, 8, 806.	3.6	4
24	Reliably Probing the Conductance of a Molecule in a Cavity via van der Waals Contacts. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16143-16148.	3.1	15
25	Host-Guest Complexation Affects Perylene-Based Dye Aggregation. <i>ChemistrySelect</i> , 2020, 5, 5850-5854.	1.5	8
26	Face-Fusion of Icosahedral Boron Hydride Increases Affinity to β -Cyclodextrin: closo, closo- $\{B_{21}H_{18}\}^{\sim}$ as an Anion with Very Low Free Energy of Dehydration. <i>ChemPhysChem</i> , 2020, 21, 971-976.	2.1	14
27	Augmenting Peptide Flexibility by Inserting Gamma-Aminobutyric Acid (GABA) in Their Sequence. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2633-2640.	1.9	4
28	Encapsulation of ionic liquids inside cucurbiturils. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2120-2128.	2.8	4
29	High-Affinity Binding of Metallacarborane Cobalt Bis(dicarbollide) Anions to Cyclodextrins and Application to Membrane Translocation. <i>Journal of Organic Chemistry</i> , 2019, 84, 11790-11798.	3.2	58
30	Label-Free Fluorescent Kinase and Phosphatase Enzyme Assays with Supramolecular Host-Guest Dye Pairs. <i>ChemistryOpen</i> , 2019, 8, 1350-1354.	1.9	14
31	Coassembly of Gold Nanoclusters with Nucleic Acids: Sensing, Bioimaging, and Gene Transfection. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900281.	2.3	11
32	A Selective Cucurbit[8]uril-Peptide Beacon Ensemble for the Ratiometric Fluorescence Detection of Peptides. <i>Chemistry - A European Journal</i> , 2019, 25, 13088-13093.	3.3	18
33	Applications of Cucurbiturils in Medicinal Chemistry and Chemical Biology. <i>Frontiers in Chemistry</i> , 2019, 7, 619.	3.6	118
34	Synthesis and photophysical properties of inclusion complexes between conjugated polyazomethines with β -cyclodextrin and its tris-O-methylated derivative. <i>European Polymer Journal</i> , 2019, 113, 236-243.	5.4	12
35	Cucurbit[7]uril-Threaded Poly(3,4-ethylenedioxythiophene): A Novel Processable Conjugated Polyrrotaxane. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3442-3450.	2.4	11
36	Ratiometric DNA sensing with a host-guest FRET pair. <i>Chemical Communications</i> , 2019, 55, 671-674.	4.1	39

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37	Selective Detection of Nitroexplosives Using Molecular Recognition within Self-Assembled Plasmonic Nanojunctions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15769-15776.	3.1	31
38	Fluorescence Monitoring of Peptide Transport Pathways into Large and Giant Vesicles by Supramolecular Host-Guest Dye Reporter Pairs. <i>Journal of the American Chemical Society</i> , 2019, 141, 20137-20145.	13.7	69
39	A supramolecular five-component relay switch that exposes the mechanistic competition of dissociative versus associative binding to cucurbiturils by ratiometric fluorescence monitoring. <i>Chemical Communications</i> , 2019, 55, 14123-14126.	4.1	15
40	Versatile, one-pot introduction of nonahalo-substituted 2-ammonio-decaborate ions as boron cluster scaffolds into organic molecules; host-guest complexation with β -cyclodextrin. <i>Chemical Communications</i> , 2019, 55, 13669-13672.	4.1	11
41	Binding affinities of cucurbit[8]urils with cations. <i>Chemical Communications</i> , 2019, 55, 14131-14134.	4.1	64
42	Preferential binding of unsaturated hydrocarbons in aryl-bisimidazolium-cucurbit[8]uril complexes furnishes evidence for small-molecule π - π interactions. <i>Chemical Science</i> , 2019, 10, 10240-10246.	7.4	12
43	Orthogonal Molecular Recognition of Chaotropic and Hydrophobic Guests Enables Supramolecular Architectures. <i>ChemNanoMat</i> , 2019, 5, 124-129.	2.8	12
44	Chapter 6. Cucurbituril-based Sensors and Assays. <i>Monographs in Supramolecular Chemistry</i> , 2019, , 121-149.	0.2	2
45	Cucurbituril Properties and the Thermodynamic Basis of Host-Guest Binding. <i>Monographs in Supramolecular Chemistry</i> , 2019, , 54-85.	0.2	3
46	Method-Unifying View of Loop-Formation Kinetics in Peptide and Protein Folding. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4445-4456.	2.6	10
47	Supramolecular assemblies through host-guest complexation between cucurbiturils and an amphiphilic guest molecule. <i>Chemical Communications</i> , 2018, 54, 1734-1737.	4.1	35
48	The chaotropic effect as an orthogonal assembly motif for multi-responsive dodecaborate-cucurbituril supramolecular networks. <i>Chemical Communications</i> , 2018, 54, 2098-2101.	4.1	62
49	Structural Effects on Guest Binding in Cucurbit[8]uril-Perylenemonoimide Host-Guest Complexes. <i>ChemistrySelect</i> , 2018, 3, 4699-4704.	1.5	11
50	Two Orders of Magnitude Variation of Diffusion-Enhanced Förster Resonance Energy Transfer in Polypeptide Chains. <i>Polymers</i> , 2018, 10, 1079.	4.5	2
51	Cavitation energies can outperform dispersion interactions. <i>Nature Chemistry</i> , 2018, 10, 1252-1257.	13.6	60
52	Precise supramolecular control of surface coverage densities on polymer micro- and nanoparticles. <i>Chemical Science</i> , 2018, 9, 8575-8581.	7.4	17
53	A Supramolecular Approach for Enhanced Antibacterial Activity and Extended Shelf-life of Fluoroquinolone Drugs with Cucurbit[7]uril. <i>Scientific Reports</i> , 2018, 8, 13925.	3.3	48
54	Rational design of boron-dipyromethene (BODIPY) reporter dyes for cucurbit[7]uril. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1961-1971.	2.2	14

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55	The Chaotropic Effect as an Assembly Motif in Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13968-13981.	13.8	231
56	Der chaotrope Effekt als Aufbaumotiv in der Chemie. <i>Angewandte Chemie</i> , 2018, 130, 14164-14177.	2.0	42
57	Host-Guest Chemistry of Carboranes: Synthesis of Carboxylate Derivatives and Their Binding to Cyclodextrins. <i>Chemistry - A European Journal</i> , 2018, 24, 12970-12975.	3.3	24
58	Hierarchical host-guest assemblies formed on dodecaborate-coated gold nanoparticles. <i>Chemical Communications</i> , 2017, 53, 4616-4619.	4.1	40
59	Binary twinned-icosahedral $B_{21}H_{18}$ interacts with cyclodextrins as a precedent for its complexation with other organic motifs. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11748-11752.	2.8	26
60	Gold nanoparticle aggregation enables colorimetric sensing assays for enzymatic decarboxylation. <i>Analytical Methods</i> , 2017, 9, 2784-2787.	2.7	14
61	Deep-Red Fluorescent Gold Nanoclusters for Nucleoli Staining: Real-Time Monitoring of the Nucleolar Dynamics in Reverse Transformation of Malignant Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17799-17806.	8.0	46
62	Polyrotaxanes based on PEG-amine with cucurbit[7]uril, β -cyclodextrin and its tris-O-methylated derivative. <i>European Polymer Journal</i> , 2017, 93, 323-333.	5.4	15
63	A Label-Free Continuous Fluorescence-Based Assay for Monitoring Ornithine Decarboxylase Activity with a Synthetic Putrescine Receptor. <i>SLAS Discovery</i> , 2017, 22, 906-914.	2.7	23
64	Phosphorylation-Responsive Membrane Transport of Peptides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15742-15745.	13.8	49
65	Phosphorylierung reguliert den Membrantransport von Peptiden. <i>Angewandte Chemie</i> , 2017, 129, 15948-15951.	2.0	10
66	A fluorescent, supramolecular chemosensor to follow steroid depletion in bacterial cultures. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6485-6494.	3.7	14
67	Intracavity folding of a perylene dye affords a high-affinity complex with cucurbit[8]uril. <i>Chemical Communications</i> , 2017, 53, 9242-9245.	4.1	18
68	Helicity-Dependent Regiodifferentiation in the Excited-State Quenching and Chiroptical Properties of Inward/Outward Helical Coumarins. <i>Chemistry - A European Journal</i> , 2017, 23, 14797-14805.	3.3	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. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11390-11398.	2.6	24
70	HYDROPHOBE Challenge: A Joint Experimental and Computational Study on the Host-Guest Binding of Hydrocarbons to Cucurbiturils, Allowing Explicit Evaluation of Guest Hydration Free-Energy Contributions. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11144-11162.	2.6	62
71	Tuning protonation states of tripeleennamine antihistamines by cucurbit[7]uril. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 101-106.	1.9	22
72	Chitin-acetate/DMSO as a supramolecular green CO_2 -philic. <i>RSC Advances</i> , 2016, 6, 22090-22093.	3.6	32

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73	Cucurbit[7]uril-based fluorene polyrotaxanes. <i>European Polymer Journal</i> , 2016, 83, 256-264.	5.4	10
74	Nanomolar Binding of Steroids to Cucurbit[<i>n</i>]urils: Selectivity and Applications. <i>Journal of the American Chemical Society</i> , 2016, 138, 13022-13029.	13.7	143
75	High-affinity host-guest chemistry of large-ring cyclodextrins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7702-7706.	2.8	80
76	Active tumor-targeting luminescent gold clusters with efficient urinary excretion. <i>Chemical Communications</i> , 2016, 52, 9232-9235.	4.1	33
77	Inclusion of neutral guests by water-soluble macrocyclic hosts – a comparative thermodynamic investigation with cyclodextrins, calixarenes and cucurbiturils. <i>Supramolecular Chemistry</i> , 2016, 28, 384-395.	1.2	45
78	Dodecaborate-Functionalized Anchor Dyes for Cyclodextrin-Based Indicator Displacement Applications. <i>Organic Letters</i> , 2016, 18, 932-935.	4.6	65
79	Photophysical properties of neutral and dissociated forms of rosmarinic acid. <i>Journal of Luminescence</i> , 2016, 175, 50-56.	3.1	24
80	Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to β -Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6852-6856.	13.8	214
81	Rücktitelbild: Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to β -Cyclodextrin (<i>Angew. Chem.</i> 23/2015). <i>Angewandte Chemie</i> , 2015, 127, 7046-7046.	2.0	1
82	Energy and Electron Transfer Dynamics within a Series of Perylene Diimide/Cyclophane Systems. <i>Journal of the American Chemical Society</i> , 2015, 137, 15299-15307.	13.7	64
83	Synthesis, Photophysical, and Morphological Properties of Azomethine-Persilylated β -Cyclodextrin Main-Chain Polyrotaxane. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 662-670.	2.2	12
84	Indicator Displacement Assays Inside Live Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 792-795.	13.8	104
85	Cucurbiturils as supramolecular inhibitors of DNA restriction by type II endonucleases. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2866-2869.	2.8	32
86	Tuning temperature responsive poly(2-alkyl-2-oxazoline)s by supramolecular host-guest interactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3048-3057.	2.8	21
87	Thermoresponsive Interplay of Water Insoluble Poly(2-alkyl-2-oxazoline)s Composition and Supramolecular Host-Guest Interactions. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7428-7444.	4.1	12
88	Associative chemosensing by fluorescent macrocycle-dye complexes – a versatile enzyme assay platform beyond indicator displacement. <i>Chemical Communications</i> , 2015, 51, 4977-4980.	4.1	57
89	Coulomb Repulsion in Short Polypeptides. <i>Journal of Physical Chemistry B</i> , 2015, 119, 33-43.	2.6	17
90	Molecular wire formation from poly[2,7-(9,9-dioctylfluorene)-alt-(5,5'-bithiophene/cucurbit[7]uril)] polyrotaxane copolymer. <i>European Polymer Journal</i> , 2015, 62, 124-129.	5.4	13

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91	Triple Emission from <i>p</i> -Dimethylaminobenzonitrile“Cucurbit[8]uril Triggers the Elusive Excimer Emission. <i>Chemistry - A European Journal</i> , 2015, 21, 691-696.	3.3	44
92	Cucurbiturils: from synthesis to high-affinity binding and catalysis. <i>Chemical Society Reviews</i> , 2015, 44, 394-418.	38.1	1,100
93	Chemosensing Ensembles for Monitoring Biomembrane Transport in Real Time. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2762-2765.	13.8	97
94	Nichtkovalente Chiralitätsensensoren“Ensembles zur Detektion und Reaktionsverfolgung von Aminosäuren, Peptiden, Proteinen und aromatischen Wirkstoffen. <i>Angewandte Chemie</i> , 2014, 126, 5802-5807.	2.0	40
95	Noncovalent Chirality Sensing Ensembles for the Detection and Reaction Monitoring of Amino Acids, Peptides, Proteins, and Aromatic Drugs. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5694-5699.	13.8	193
96	The Hydrophobic Effect Revisited“Studies with Supramolecular Complexes Imply High-Energy Water as a Noncovalent Driving Force. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11158-11171.	13.8	502
97	Dynamically Analyte-Responsive Macrocyclic Host-Fluorophore Systems. <i>Accounts of Chemical Research</i> , 2014, 47, 2150-2159.	15.6	319
98	A Simple Assay for Quality Binders to Cucurbiturils. <i>Chemistry - A European Journal</i> , 2014, 20, 9897-9901.	3.3	39
99	Cucurbiturils as fluorophilic receptors. <i>Supramolecular Chemistry</i> , 2014, 26, 657-669.	1.2	45
100	Excited-state properties of fluorenones: influence of substituents, solvent and macrocyclic encapsulation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16436-16445.	2.8	38
101	Efficient Host-Guest Energy Transfer in Polycationic Cyclophane-Perylene Diimide Complexes in Water. <i>Journal of the American Chemical Society</i> , 2014, 136, 9053-9060.	13.7	97
102	Cucurbit[8]uril and Blue-Box: High-Energy Water Release Overwhelms Electrostatic Interactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 14879-14888.	13.7	174
103	Diffusion-Enhanced Förster Resonance Energy Transfer and the Effects of External Quenchers and the Donor Quantum Yield. <i>Journal of Physical Chemistry B</i> , 2013, 117, 185-198.	2.6	28
104	Chemistry inside molecular containers in the gas phase. <i>Nature Chemistry</i> , 2013, 5, 376-382.	13.6	144
105	The “True” Affinities of Metal Cations to <i>p</i> -Sulfonatocalix[4]arene: A Thermodynamic Study at Neutral pH Reveals a Pitfall Due to Salt Effects in Microcalorimetry. <i>Chemistry - A European Journal</i> , 2013, 19, 17809-17820.	3.3	45
106	Cucurbiturils in Drug Delivery And For Biomedical Applications. <i>Monographs in Supramolecular Chemistry</i> , 2013, , 164-212.	0.2	23
107	<i>Corynebacterium jeikeium</i> JK0268 Constitutes for the 40 Amino Acid Long PorA _{Cj} , Which Forms a Homooligomeric and Anion-Selective Cell Wall Channel. <i>PLoS ONE</i> , 2013, 8, e75651.	2.5	14
108	Halogen Bonding inside a Molecular Container. <i>Journal of the American Chemical Society</i> , 2012, 134, 19935-19941.	13.7	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. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 914-924.	2.9	7
110	Release of High-Energy Water as an Essential Driving Force for the High-Affinity Binding of Cucurbit[<i>n</i>]urils. <i>Journal of the American Chemical Society</i> , 2012, 134, 15318-15323.	13.7	471
111	Validation of Drug-Like Inhibitors against Mycobacterium Tuberculosis L-Aspartate \pm -Decarboxylase Using Nuclear Magnetic Resonance (^1H NMR). <i>PLoS ONE</i> , 2012, 7, e45947.	2.5	10
112	Monitoring Stepwise Proteolytic Degradation of Peptides by Supramolecular Domino Tandem Assays and Mass Spectrometry for Trypsin and Leucine Aminopeptidase. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	10
113	Interactions of Amino Acids and Polypeptides with Metal Oxide Nanoparticles Probed by Fluorescent Indicator Adsorption and Displacement. <i>ACS Nano</i> , 2012, 6, 5668-5679.	14.6	49
114	Strongly Fluorescent, Switchable Perylene Bis(diimide) Host-Guest Complexes with Cucurbit[8]uril In Water. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7739-7743.	13.8	199
115	Supramolecular Tandem Enzyme Assays. <i>Chemistry - A European Journal</i> , 2012, 18, 3444-3459.	3.3	130
116	A Fluorescence-Based Supramolecular Tandem Assay for Monitoring Lysine Methyltransferase Activity in Homogeneous Solution. <i>Chemistry - A European Journal</i> , 2012, 18, 3521-3528.	3.3	74
117	The strategic use of supramolecular pKa shifts to enhance the bioavailability of drugs. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 764-783.	13.7	310
118	Effect of \pm -cyclodextrin on the optical and surface-morphological properties of pyrene-triazole azomethine oligomers. <i>Chemical Physics Letters</i> , 2012, 535, 120-125.	2.6	16
119	Monitoring stepwise proteolytic degradation of peptides by supramolecular domino tandem assays and mass spectrometry for trypsin and leucine aminopeptidase. <i>Natural Product Communications</i> , 2012, 7, 343-8.	0.5	11
120	Determining Protease Substrate Selectivity and Inhibition by Label-Free Supramolecular Tandem Enzyme Assays. <i>Journal of the American Chemical Society</i> , 2011, 133, 7528-7535.	13.7	176
121	Conformational Discrepancies Between Molecular Dynamics Force Fields and Vibrational Spectroscopy in Short Alanine-Based Peptides. <i>Biophysical Journal</i> , 2011, 100, 518a.	0.5	1
122	Operational calixarene-based fluorescent sensing systems for choline and acetylcholine and their application to enzymatic reactions. <i>Chemical Science</i> , 2011, 2, 1722.	7.4	229
123	Steady-state photochemistry (Pschorr cyclization) and nanosecond transient absorption spectroscopy of twisted 2-bromoaryl ketones. <i>Pure and Applied Chemistry</i> , 2011, 83, 841-860.	1.9	3
124	Effect of cucurbit[<i>n</i>]urils on tropicamide and potential application in ocular drug delivery. <i>Supramolecular Chemistry</i> , 2011, 23, 650-656.	1.2	40
125	Fluorescent Dyes and Their Supramolecular Host/Guest Complexes with Macrocycles in Aqueous Solution. <i>Chemical Reviews</i> , 2011, 111, 7941-7980.	47.7	975
126	A coumarin-based fluorescent PET sensor utilizing supramolecular pKa shifts. <i>Tetrahedron Letters</i> , 2011, 52, 5249-5254.	1.4	33

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127	Deep Inside Cucurbiturils: Physical Properties and Volumes of their Inner Cavity Determine the Hydrophobic Driving Force for Host-Guest Complexation. <i>Israel Journal of Chemistry</i> , 2011, 51, 559-577.	2.3	319
128	The World of Cucurbiturils – From Peculiarity to Commodity. <i>Israel Journal of Chemistry</i> , 2011, 51, 492-494.	2.3	31
129	Supramolecular encapsulation of benzimidazole-derived drugs by cucurbit[7]uril. <i>Canadian Journal of Chemistry</i> , 2011, 89, 139-147.	1.1	133
130	A photoinduced pH jump applied to drug release from cucurbit[7]uril. <i>Chemical Communications</i> , 2011, 47, 8793.	4.1	82
131	Solvent Polarity Affects H Atom Abstractions from C-H Donors. <i>Organic Letters</i> , 2011, 13, 2694-2697.	4.6	9
132	Effect of Rotaxane Formation on the Photophysical, Morphological, and Adhesion Properties of Poly[2,7-bis(9,9-diocetylfluorene)-alt-(5,5'-bithiophene)] Main-Chain Polyrotaxanes. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1022-1031.		22
133	Transition-Metal-Promoted Chemoselective Photoreactions at the Cucurbituril Rim. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 545-548.	13.8	103
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135	Toxicity of cucurbit[7]uril and cucurbit[8]uril: an exploratory in vitro and in vivo study. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2037.	2.8	342
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