

Hanadi F Sleiman

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153
papers

8,216
citations

49
h-index

87
g-index

173
ext. papers

9,265
ext. citations

11.4
avg, IF

6.73
L-index

#	Paper	IF	Citations
153	Assembling materials with DNA as the guide. <i>Science</i> , 2008 , 321, 1795-9	33.3	843
152	DNA nanotechnology. <i>Nature Reviews Materials</i> , 2018 , 3,	73.3	719
151	Loading and selective release of cargo in DNA nanotubes with longitudinal variation. <i>Nature Chemistry</i> , 2010 , 2, 319-28	17.6	270
150	Dynamic DNA templates for discrete gold nanoparticle assemblies: control of geometry, modularity, write/erase and structural switching. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4130-1	16.4	246
149	Modular access to structurally switchable 3D discrete DNA assemblies. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13376-7	16.4	232
148	Supramolecular DNA assembly. <i>Chemical Society Reviews</i> , 2011 , 40, 5647-56	58.5	221
147	A platinum supramolecular square as an effective G-quadruplex binder and telomerase inhibitor. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10040-1	16.4	187
146	Sequential self-assembly of a DNA hexagon as a template for the organization of gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2204-9	16.4	177
145	Transfer of molecular recognition information from DNA nanostructures to gold nanoparticles. <i>Nature Chemistry</i> , 2016 , 8, 162-70	17.6	172
144	DNA nanostructure serum stability: greater than the sum of its parts. <i>Chemical Communications</i> , 2013 , 49, 1172-4	5.8	170
143	Site-specific positioning of dendritic alkyl chains on DNA cages enables their geometry-dependent self-assembly. <i>Nature Chemistry</i> , 2013 , 5, 868-75	17.6	168
142	Rolling circle amplification-templated DNA nanotubes show increased stability and cell penetration ability. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2888-91	16.4	166
141	Optimized DNA "Nanosuitcases" for Encapsulation and Conditional Release of siRNA. <i>Journal of the American Chemical Society</i> , 2016 , 138, 14030-14038	16.4	142
140	Metal-nucleic acid cages. <i>Nature Chemistry</i> , 2009 , 1, 390-6	17.6	134
139	Modular construction of DNA nanotubes of tunable geometry and single- or double-stranded character. <i>Nature Nanotechnology</i> , 2009 , 4, 349-52	28.7	111
138	Nucleobase-templated polymerization: copying the chain length and polydispersity of living polymers into conjugated polymers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4182-3	16.4	109
137	An efficient and modular route to sequence-defined polymers appended to DNA. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4567-71	16.4	107

136	Platinum phenanthroimidazole complexes as G-quadruplex DNA selective binders. <i>Chemistry - A European Journal</i> , 2008 , 14, 1145-54	4.8	105
135	DNA Nanostructures at the Interface with Biology. <i>CheM</i> , 2018 , 4, 495-521	16.2	101
134	Development of DNA Nanostructures for High-Affinity Binding to Human Serum Albumin. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7355-7362	16.4	91
133	Reprogramming the assembly of unmodified DNA with a small molecule. <i>Nature Chemistry</i> , 2016 , 8, 368-376	16.6	89
132	Adenine-Containing Block Copolymers via Ring-Opening Metathesis Polymerization: Synthesis and Self-Assembly into Rod Morphologies. <i>Macromolecules</i> , 2002 , 35, 9617-9620	5.5	89
131	Uptake and Fate of Fluorescently Labeled DNA Nanostructures in Cellular Environments: A Cautionary Tale. <i>ACS Central Science</i> , 2019 , 5, 882-891	16.8	86
130	Self-assembly of cyclic metal-DNA nanostructures using ruthenium tris(bipyridine)-branched oligonucleotides. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5804-8	16.4	84
129	DNA modified with metal complexes: Applications in the construction of higher order metal-DNA nanostructures. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 2403-2415	23.2	83
128	Templated synthesis of highly stable, electroactive, and dynamic metal-DNA branched junctions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2443-6	16.4	83
127	Precision polymers and 3D DNA nanostructures: emergent assemblies from new parameter space. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15767-74	16.4	81
126	Photoresponsive supramolecular systems: self-assembly of azobenzoic acid linear tapes and cyclic tetramers. <i>Chemistry - A European Journal</i> , 2003 , 9, 4771-80	4.8	79
125	Biotin-Terminated Ruthenium Bipyridine Ring-Opening Metathesis Polymerization Copolymers: Synthesis and Self-Assembly with Streptavidin. <i>Macromolecules</i> , 2005 , 38, 1084-1090	5.5	76
124	Synergy of Two Assembly Languages in DNA Nanostructures: Self-Assembly of Sequence-Defined Polymers on DNA Cages. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4416-25	16.4	74
123	Recent advances in DNA nanotechnology. <i>Current Opinion in Chemical Biology</i> , 2018 , 46, 63-70	9.7	74
122	Self-assembly of three-dimensional DNA nanostructures and potential biological applications. <i>Current Opinion in Chemical Biology</i> , 2010 , 14, 597-607	9.7	73
121	Three-dimensional organization of block copolymers on "DNA-minimal" scaffolds. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4280-6	16.4	71
120	Ruthenium Bipyridine-Containing Polymers and Block Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2004 , 37, 5866-5872	5.5	70
119	Self-assembly of rigid-rack multimetallic complexes of rotaxane-type. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 715		68

118	Ring-Opening Metathesis Polymers for Biodetection and Signal Amplification: Synthesis and Self-Assembly. <i>Macromolecules</i> , 2010 , 43, 5530-5537	5.5	67
117	Long-range assembly of DNA into nanofibers and highly ordered networks using a block copolymer approach. <i>Journal of the American Chemical Society</i> , 2010 , 132, 679-85	16.4	63
116	Development and characterization of gene silencing DNA cages. <i>Biomacromolecules</i> , 2014 , 15, 276-82	6.9	62
115	Spatial Presentation of Cholesterol Units on a DNA Cube as a Determinant of Membrane Protein-Mimicking Functions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1100-1108	16.4	60
114	DNA-imprinted polymer nanoparticles with monodispersity and prescribed DNA-strand patterns. <i>Nature Chemistry</i> , 2018 , 10, 184-192	17.6	60
113	Multicomponent Self-Assembly: Generation of Rigid-Rack Multimetallic Pseudorotaxanes. <i>Inorganic Chemistry</i> , 1997 , 36, 4734-4742	5.1	59
112	Sequence-responsive unzipping DNA cubes with tunable cellular uptake profiles. <i>Chemical Science</i> , 2014 , 5, 2449-2455	9.4	56
111	Templated synthesis of DNA nanotubes with controlled, predetermined lengths. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10212-4	16.4	56
110	Molecule-responsive block copolymer micelles. <i>Chemistry - A European Journal</i> , 2007 , 13, 4560-70	4.8	54
109	Precision spherical nucleic acids for delivery of anticancer drugs. <i>Chemical Science</i> , 2017 , 8, 6218-6229	9.4	53
108	Templated ligand environments for the selective incorporation of different metals into DNA. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9919-23	16.4	53
107	Long-Range Ordering of Blunt-Ended DNA Tiles on Supported Lipid Bilayers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12027-12034	16.4	52
106	Solid-Phase Synthesis of Transition Metal Linked, Branched Oligonucleotides This work was supported by NSERC (Canada), CFI (Canada) and FCAR (Quebec). The authors gratefully acknowledge Prof. M. J. Damha and his laboratory, McGill University, for helpful discussion.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4629-4632	16.4	52
105	Guest-mediated access to a single DNA nanostructure from a library of multiple assemblies. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10070-1	16.4	50
104	Stimuli-responsive organization of block copolymers on DNA nanotubes. <i>Chemical Science</i> , 2012 , 3, 1980-9.4	9.4	48
103	Stable gold nanoparticle conjugation to internal DNA positions: facile generation of discrete gold nanoparticle-DNA assemblies. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1413-6	6.3	48
102	Sequential Self-Assembly of a DNA Hexagon as a Template for the Organization of Gold Nanoparticles. <i>Angewandte Chemie</i> , 2006 , 118, 2262-2267	3.6	45
101	Stepwise growth of surface-grafted DNA nanotubes visualized at the single-molecule level. <i>Nature Chemistry</i> , 2015 , 7, 295-300	17.6	42

100	Simple design for DNA nanotubes from a minimal set of unmodified strands: rapid, room-temperature assembly and readily tunable structure. <i>ACS Nano</i> , 2013 , 7, 3022-8	16.7	42
99	Dynamic DNA Nanotubes: Reversible Switching between Single and Double-Stranded Forms, and Effect of Base Deletions. <i>ACS Nano</i> , 2015 , 9, 11898-908	16.7	39
98	Self-Complementary ABC Triblock Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2003 , 36, 7899-7902	5.5	39
97	Cyanine-Mediated DNA Nanofiber Growth with Controlled Dimensionality. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9518-9530	16.4	38
96	Intercalators as molecular chaperones in DNA self-assembly. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11283-8	16.4	38
95	Chiral metal-DNA four-arm junctions and metalated nanotubular structures. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4620-3	16.4	38
94	Luminescent Vesicles, Tubules, Bowls, and Star Micelles from Ruthenium Bipyridine Block Copolymers. <i>Macromolecules</i> , 2007 , 40, 3733-3738	5.5	38
93	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020 , 19, 1012-1018	27	38
92	Gold nanoparticle 3D-DNA building blocks: high purity preparation and use for modular access to nanoparticle assemblies. <i>Small</i> , 2014 , 10, 660-6	11	36
91	Synthesis and Molecular Recognition of Conjugated Polymer with DNA-Mimetic Properties. <i>Macromolecules</i> , 2008 , 41, 5590-5603	5.5	36
90	Efficient and Rapid Mechanochemical Assembly of Platinum(II) Squares for Guanine Quadruplex Targeting. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16913-16922	16.4	34
89	Cyclometalated Iridium(III) Imidazole Phenanthroline Complexes as Luminescent and Electrochemiluminescent G-Quadruplex DNA Binders. <i>Inorganic Chemistry</i> , 2015 , 54, 6958-67	5.1	34
88	Sequential growth of long DNA strands with user-defined patterns for nanostructures and scaffolds. <i>Nature Communications</i> , 2015 , 6, 7065	17.4	32
87	The role of organic linkers in directing DNA self-assembly and significantly stabilizing DNA duplexes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14382-9	16.4	32
86	Multicomponent Self-Assembly: Generation and Crystal Structure of a Trimetallic[4]Pseudorotaxane. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1294-1296		32
85	DNA-fluorenyl-sequence-controlled polymers. <i>Polymer Chemistry</i> , 2016 , 7, 4998-5003	4.9	31
84	Platinum(II) phenanthroimidazoles for targeting telomeric G-quadruplexes. <i>ChemMedChem</i> , 2012 , 7, 85-94	3.7	31
83	Luminescent Iridium(III)-Containing Block Copolymers: Self-Assembly into Biotin-Labeled Micelles for Biodetection Assays. <i>ACS Macro Letters</i> , 2012 , 1, 954-959	6.6	31

82	Trapping of the low-valent nitrene complex (CO) ₅ W:NPh with triphenylphosphine. Formation of the phenylnitrene transfer product PhN = PPh ₃ . <i>Journal of the American Chemical Society</i> , 1989 , 111, 8007-8009	16.4	29
81	Target Self-Enhanced Selectivity in Metal-Specific DNAzymes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3573-3577	16.4	29
80	A facile, modular and high yield method to assemble three-dimensional DNA structures. <i>Chemical Communications</i> , 2011 , 47, 8925-7	5.8	28
79	Evaluation of binding selectivities and affinities of platinum-based quadruplex interactive complexes by electrospray ionization mass spectrometry. <i>Biopolymers</i> , 2009 , 91, 233-43	2.2	28
78	Photochemical azo metathesis by tungsten carbene (OC) ₅ W:C(OCH ₃)CH ₃ . Isolation of a of a zwitterionic intermediate. <i>Journal of the American Chemical Society</i> , 1988 , 110, 8700-8701	16.4	28
77	Self-Assembly of Cyclic Metal-DNA Nanostructures using Ruthenium Tris(bipyridine)-Branched Oligonucleotides. <i>Angewandte Chemie</i> , 2004 , 116, 5928-5932	3.6	25
76	Ruthenium(II)-phenanthroline-biotin complexes: synthesis and luminescence enhancement upon binding to avidin. <i>Bioconjugate Chemistry</i> , 2004 , 15, 949-53	6.3	25
75	Synthesis and self-assembly of polymers containing dicarboximide groups by living ring-opening metathesis polymerization. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1988-1994	2.6	25
74	DNA micelles as nanoreactors: efficient DNA functionalization with hydrophobic organic molecules. <i>Chemical Communications</i> , 2016 , 52, 10914-7	5.8	25
73	DNA Nanostructures: Current Challenges and Opportunities for Cellular Delivery. <i>ACS Nano</i> , 2021 , 15, 3631-3645	16.7	25
72	A platinum(II) phenylphenanthroimidazole with an extended side-chain exhibits slow dissociation from a c-Kit G-quadruplex motif. <i>Chemistry - A European Journal</i> , 2013 , 19, 17836-45	4.8	24
71	Ruthenium(II) dipyridoquinoxaline-norbornene: synthesis, properties, crystal structure, and use as a ROMP monomer. <i>Inorganic Chemistry</i> , 2004 , 43, 5112-9	5.1	24
70	Evidence for ambiphilic behavior in (CO) ₅ W:NPh. Conversion of carbonyl compounds to N-phenyl imines via metathesis. <i>Journal of the American Chemical Society</i> , 1991 , 113, 4871-4876	16.4	24
69	Electrogenerated chemiluminescence of iridium-containing ROMP block copolymer and self-assembled micelles. <i>Langmuir</i> , 2013 , 29, 12866-73	4	23
68	Selection of a metal ligand modified DNAzyme for detecting Ni. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112285	11.8	22
67	Hydrogen-bond self-assembly of DNA-analogues into hexameric rosettes. <i>Chemical Communications</i> , 2005 , 5441-3	5.8	21
66	Nucleobase peptide amphiphiles. <i>Materials Horizons</i> , 2014 , 1, 348-354	14.4	20
65	Solid-Phase Synthesis of Transition Metal Linked, Branched Oligonucleotides. <i>Angewandte Chemie</i> , 2001 , 113, 4765-4768	3.6	20

64	Metathesis and diaziridination reactions of (CO) ₅ W=C(OMe)-p- <i>XC</i> ₆ H ₄ with cis-azobenzene. Electronic and solvent effects. <i>Journal of the American Chemical Society</i> , 1992 , 114, 5153-5160	16.4	20
63	Minimalist Approach to Complexity: Templating the Assembly of DNA Tile Structures with Sequentially Grown Input Strands. <i>ACS Nano</i> , 2016 , 10, 6542-51	16.7	19
62	Mapping the energy landscapes of supramolecular assembly by thermal hysteresis. <i>Nature Communications</i> , 2018 , 9, 3152	17.4	19
61	DNA-protein noncovalent cross-linking: ruthenium dipyridophenazine biotin complex for the assembly of proteins and gold nanoparticles on DNA templates. <i>ChemBioChem</i> , 2007 , 8, 804-12	3.8	19
60	Single-molecule methods in structural DNA nanotechnology. <i>Chemical Society Reviews</i> , 2020 , 49, 4220-4235	18.3	18
59	DNA Nanotubes with Hydrophobic Environments: Toward New Platforms for Guest Encapsulation and Cellular Delivery. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701049	10.1	18
58	Encapsulation of Gold Nanoparticles into DNA Minimal Cages for 3D-Anisotropic Functionalization and Assembly. <i>Small</i> , 2018 , 14, 1702660	11	18
57	Modular Strategy To Expand the Chemical Diversity of DNA and Sequence-Controlled Polymers. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9774-9786	4.2	16
56	Minimalist Design of a Stimuli-Responsive Spherical Nucleic Acid for Conditional Delivery of Oligonucleotide Therapeutics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13912-13920	9.5	15
55	Antisense precision polymer micelles require less poly(ethylenimine) for efficient gene knockdown. <i>Nanoscale</i> , 2015 , 7, 20625-34	7.7	15
54	Molecular Printing with DNA Nanotechnology. <i>CheM</i> , 2020 , 6, 1560-1574	16.2	15
53	Platinum(II) phenanthroimidazole G-quadruplex ligand induces selective telomere shortening in A549 cancer cells. <i>Biochimie</i> , 2016 , 121, 287-97	4.6	15
52	Templated Synthesis of Highly Stable, Electroactive, and Dynamic Metal-DNA Branched Junctions. <i>Angewandte Chemie</i> , 2008 , 120, 2477-2480	3.6	15
51	A dissipative pathway for the structural evolution of DNA fibres. <i>Nature Chemistry</i> , 2021 , 13, 843-849	17.6	15
50	Supramolecular DNA nanotechnology. <i>Pure and Applied Chemistry</i> , 2009 , 81, 2157-2181	2.1	13
49	Synthese und Struktur eines durch Multikomponenten-Selbstorganisation erhaltenen dreikernigen [4]Pseudorotaxans. <i>Angewandte Chemie</i> , 1997 , 109, 1350-1352	3.6	13
48	Amplified Self-Immolative Release of Small Molecules by Spatial Isolation of Reactive Groups on DNA-Minimal Architectures. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12900-12908	16.4	12
47	Templated Ligand Environments for the Selective Incorporation of Different Metals into DNA. <i>Angewandte Chemie</i> , 2009 , 121, 10103-10107	3.6	11

46	A highly versatile platform based on geometrically well-defined 3D DNA nanostructures for selective recognition and positioning of multiplex targets. <i>Nanoscale</i> , 2016 , 8, 18291-18295	7.7	11
45	Cuvette-Based Electrogenerated Chemiluminescence Detection System for the Assessment of Polymerizable Ruthenium Luminophores. <i>ChemElectroChem</i> , 2017 , 4, 1736-1743	4.3	10
44	An Efficient and Modular Route to Sequence-Defined Polymers Appended to DNA. <i>Angewandte Chemie</i> , 2014 , 126, 4655-4659	3.6	10
43	Long-range assembly of DNA into nanofibers and highly ordered networks. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013 , 5, 266-85	9.2	10
42	The assemble, grow and lift-off (AGLO) strategy to construct complex gold nanostructures with pre-designed morphologies. <i>Chemical Science</i> , 2020 , 11, 4911-4921	9.4	9
41	"Printing" DNA Strand Patterns on Small Molecules with Control of Valency, Directionality, and Sequence. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3042-3047	16.4	9
40	Advancing Wireframe DNA Nanostructures Using Single-Molecule Fluorescence Microscopy Techniques. <i>Accounts of Chemical Research</i> , 2019 , 52, 3199-3210	24.3	8
39	Chiral Metal-DNA Four-Arm Junctions and Metalated Nanotubular Structures. <i>Angewandte Chemie</i> , 2011 , 123, 4716-4719	3.6	8
38	Electrophilic reactions of zerovalent tungsten nitrene and hydrazido complexes with phosphines. Synthesis and structure of (CO) ₄ W[PPh ₂ CH ₂ PPh ₂ NNMe ₂ -N,P]. <i>Organometallics</i> , 1993 , 12, 2440-2444	3.8	8
37	Kinetics of Strand Displacement and Hybridization on Wireframe DNA Nanostructures: Dissecting the Roles of Size, Morphology, and Rigidity. <i>ACS Nano</i> , 2018 , 12, 12836-12846	16.7	8
36	Controlled growth of DNA structures from repeating units using the vernier mechanism. <i>Biomacromolecules</i> , 2014 , 15, 3002-8	6.9	7
35	Modulation of charge transport across double-stranded DNA by the site-specific incorporation of copper bis-phenanthroline complexes. <i>Langmuir</i> , 2015 , 31, 1850-4	4	7
34	Transition-Metal-Functionalized DNA Double-Crossover Tiles: Enhanced Stability and Chirality Transfer to Metal Centers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4091-4098	16.4	7
33	Detailed cellular assessment of albumin-bound oligonucleotides: Increased stability and lower non-specific cell uptake. <i>Journal of Controlled Release</i> , 2020 , 324, 34-46	11.7	7
32	Templated synthesis of spherical RNA nanoparticles with gene silencing activity. <i>Chemical Communications</i> , 2018 , 54, 11296-11299	5.8	7
31	Remote control of charge transport and chiral induction along a DNA-metallohelicate. <i>Nanoscale</i> , 2019 , 11, 11879-11884	7.7	6
30	Quantifying interactions between G-quadruplex DNA and transition-metal complexes. <i>Methods in Molecular Biology</i> , 2010 , 608, 223-55	1.4	6
29	Synthesis and Self-Assembly of Conjugated Polymer Precursors Containing Dichlorocarbonate Groups by Living Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2002 , 35, 624-629	5.5	6

28	Direct observation of the low-valent hydrazido complex (CO) ₅ W:NNMe ₂ , a nitrene analog of the heteroatom-stabilized Fischer carbenes. <i>Organometallics</i> , 1991 , 10, 541-543	3.8	6
27	Single-stranded templates as railroad tracks for hierarchical assembly of DNA origami. <i>Nanoscale</i> , 2018 , 10, 13994-13999	7.7	6
26	Tuning DNA Supramolecular Polymers by the Addition of Small, Functionalized Nucleobase Mimics. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19824-19833	16.4	5
25	Target Self-Enhanced Selectivity in Metal-Specific DNAzymes. <i>Angewandte Chemie</i> , 2020 , 132, 3601-3605	5.6	5
24	Design and enhanced gene silencing activity of spherical 2'-fluoroarabinose nucleic acids (FANA-SNAs). <i>Chemical Science</i> , 2021 , 12, 2993-3003	9.4	5
23	Self-assembly of metal-DNA triangles and DNA nanotubes with synthetic junctions. <i>Methods in Molecular Biology</i> , 2011 , 749, 33-47	1.4	4
22	Hydrogen-bond self-assembly of DNA-base analogues [Experimental results]. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 627-639	0.9	3
21	Theoretical study of self-assembled hydrogen-bonded azodibenzoic acid tapes and rosettes. <i>Computational and Theoretical Chemistry</i> , 2007 , 806, 39-50		3
20	Printing DNA Strand Patterns on Small Molecules with Control of Valency, Directionality, and Sequence. <i>Angewandte Chemie</i> , 2019 , 131, 3074-3079	3.6	3
19	Transition-Metal-Functionalized DNA Double-Crossover Tiles: Enhanced Stability and Chirality Transfer to Metal Centers. <i>Angewandte Chemie</i> , 2020 , 132, 4120-4127	3.6	2
18	Mechatronic DNA devices driven by a G-quadruplex-binding platinum ligand. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 4376-83	3.4	2
17	Stoichiometry and Dispersity of DNA Nanostructures Using Photobleaching Pair-Correlation Analysis. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2340-2349	6.3	2
16	CHAPTER 2: DNA-Based Metallosupramolecular Materials. <i>RSC Smart Materials</i> , 2015 , 32-69	0.6	2
15	Bottom-Up Characterization and Self-Assembly of Electrogenenerated Chemiluminescence Active Ruthenium Nanospheres. <i>ChemElectroChem</i> , 2019 , 6, 3499-3506	4.3	1
14	Using transient equilibria (TREQ) to measure the thermodynamics of slowly assembling supramolecular systems.. <i>Science Advances</i> , 2022 , 8, eabm8455	14.3	1
13	Amplified Self-Immolative Release of Small Molecules by Spatial Isolation of Reactive Groups on DNA-Minimal Architectures. <i>Angewandte Chemie</i> , 2020 , 132, 13000-13008	3.6	0
12	Asymmetric patterning drives the folding of a tripodal DNA nanotweezer.. <i>Chemical Science</i> , 2021 , 13, 74-80	9.4	0
11	Sequence-Defined DNA Amphiphiles for Drug Delivery: Synthesis and Self-Assembly. <i>Methods in Molecular Biology</i> , 2020 , 2063, 87-100	1.4	0

- 10 Thermosetting supramolecular polymerization of compartmentalized DNA fibers with stereo sequence and length control. *Chem*, **2021**, 7, 2395-2414 16.2 o
- 9 Design Strategy to Access siRNA-Encapsulating DNA "Nanosuitcases" That Can Conditionally Release Their Cargo. *Methods in Molecular Biology*, **2019**, 1974, 69-81 1.4
- 8 Synthetic Molecules as Guides for DNA Nanostructure Formation **2017**, 353-374
- 7 Alternative DNA Structures, Switches and Nanomachines **2015**, 329-490
- 6 Titelbild: An Efficient and Modular Route to Sequence-Defined Polymers Appended to DNA (Angew. Chem. 18/2014). *Angewandte Chemie*, **2014**, 126, 4585-4585 3.6
- 5 Titelbild: Templated Ligand Environments for the Selective Incorporation of Different Metals into DNA (Angew. Chem. 52/2009). *Angewandte Chemie*, **2009**, 121, 9941-9941 3.6
- 4 Cover Picture: Templated Ligand Environments for the Selective Incorporation of Different Metals into DNA (Angew. Chem. Int. Ed. 52/2009). *Angewandte Chemie - International Edition*, **2009**, 48, 9757-9757^{16.4}
- 3 Correction: Antisense precision polymer micelles require less poly(ethylenimine) for efficient gene knockdown. *Nanoscale*, **2016**, 8, 10453 7.7
- 2 Supramolecular Chemistry with DNA **2016**, 10-37
- 1 7. Toward the Assembly of Dynamic and Complex DNA Nanostructures **2019**, 183-208