Thimmaiah Govindaraju

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molecular Architectonics Guide to the Fabrication of Self-Cleaning Materials. Nanostructure Science and Technology, 2022, , 71-88.	0.1	1
2	Functional Molecule-Templated DNA Molecular Architectonics. Nanostructure Science and Technology, 2022, , 281-305.	0.1	0
3	Molecular Architectonics. Nanostructure Science and Technology, 2022, , 3-34.	0.1	1
4	Targeting Oncogene Promoters and Ribosomal RNA Biogenesis by G-Quadruplex Binding Ligands Translate to Anticancer Activity. ACS Bio & Med Chem Au, 2022, 2, 125-139.	3.7	8
5	Chapter 11. Transmission of Pathogenic Proteins and the Role of Microbial Infection in Alzheimer's Disease Pathology. , 2022, , 329-353.		1
6	Combating amyloid-induced cellular toxicity and stiffness by designer peptidomimetics. RSC Chemical Biology, 2022, 3, 220-226.	4.1	13
7	Nucleic Acid Architectonics for pH-Responsive DNA Systems and Devices. ACS Omega, 2022, 7, 3167-3176.	3.5	13
8	Chapter 9. Post-translational Modifications and Alzheimer's Disease. , 2022, , 255-286.		1
9	Reliable Fluorometric Detection of SARS-CoV-2 by Targeting the G-Quadruplex through pH-Triggered Conformational Polymorphism. ACS Sensors, 2022, 7, 453-459.	7.8	11
10	Differential copper-guided architectures of amyloid \hat{l}^2 peptidomimetics modulate oxidation states and catalysis. Nanoscale Advances, 2022, 4, 2196-2200.	4.6	4
11	Multifunctional molecules with a bipyridyl core ameliorate multifaceted amyloid toxicity. Chemical Communications, 2022, 58, 6288-6291.	4.1	7
12	Mechanistic Insights for Drug Repurposing and the Design of Hybrid Drugs for Alzheimer's Disease. Journal of Medicinal Chemistry, 2022, 65, 7088-7105.	6.4	21
13	Rationally Designed Molecules Synergistically Modulate Multifaceted AÎ ² Toxicity, Microglial Activation, and Neuroinflammation. ACS Chemical Neuroscience, 2022, 13, 2209-2221.	3.5	8
14	Molecular-Architectonics-Guided Dynamic Assembly to Generate Fluorescent Organic Nanoclusters with Implications for Optical Imaging. ACS Applied Nano Materials, 2021, 4, 979-984.	5.0	4
15	Dendrimer Architectonics to Treat Cancer and Neurodegenerative Diseases with Implications in Theranostics and Personalized Medicine. ACS Applied Bio Materials, 2021, 4, 1115-1139.	4.6	25
16	Molecular Architectonicsâ€guided Design of Biomaterials. Chemistry - an Asian Journal, 2021, 16, 423-442.	3.3	8
17	Benzothiazoleâ€Phenothiazine Conjugate Based Molecular Probe for the Differential Detection of Glycated Albumin. Israel Journal of Chemistry, 2021, 61, 222-230.	2.3	4
18	A matrix targeted fluorescent probe to monitor mitochondrial dynamics. Organic and Biomolecular Chemistry, 2021, 19, 801-808.	2.8	10

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19	Highly sensitive and Rapid detection of mercury in water using functionalized etched fiber Bragg grating sensors. Sensors and Actuators B: Chemical, 2021, 333, 129550.	7.8	10
20	Amyloid-Î ² -Derived Peptidomimetics Inhibits Tau Aggregation. ACS Omega, 2021, 6, 11131-11138.	3.5	13
21	DNA Minor Groove-Induced <i>cis</i> – <i>trans</i> Isomerization of a Near-Infrared Fluorescent Probe. Biochemistry, 2021, 60, 2084-2097.	2.5	5
22	Cyclic Dipeptide: A Privileged Molecular Scaffold to Derive Structural Diversity and Functional Utility. ChemMedChem, 2021, 16, 2558-2587.	3.2	35
23	Mitochondriaâ€Specific Recognition of Gâ€Quadruplexes by a Flavyliumâ€Based Turnâ€On Nearâ€Infrared Rotor Probe. Analysis & Sensing, 2021, 1, 180-187.	2.0	6
24	Thiopheneâ€Based Dual Modulators of Al̂² and Tau Aggregation. ChemBioChem, 2021, 22, 3348-3357.	2.6	8
25	Naphthalene Monoimide Derivative Ameliorates Amyloid Burden and Cognitive Decline in a Transgenic Mouse Model of Alzheimer's Disease. Advanced Therapeutics, 2021, 4, 2000225.	3.2	18
26	Identification of Multicolor Fluorescent Probes for Heterogeneous Aβ Deposits in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 802614.	3.4	3
27	Role of Postâ€ŧranslational Modifications in Alzheimer's Disease. ChemBioChem, 2020, 21, 1052-1079.	2.6	42
28	Biomolecules-derived biomaterials. Biomaterials, 2020, 230, 119633.	11.4	93
29	Cyclic Dipeptide-Guided Aggregation-Induced Emission of Naphthalimide and Its Application for the Detection of Phenolic Drugs. Journal of Organic Chemistry, 2020, 85, 1525-1536.	3.2	29
30	Co-solvent polarity tuned thermochromic nanotubes of cyclic dipeptide–polydiacetylene supramolecular system. RSC Advances, 2020, 10, 35389-35396.	3.6	5
31	Dihydrophthalazinediones accelerate amyloid β peptide aggregation to nontoxic species. Bulletin of Materials Science, 2020, 43, 1.	1.7	0
32	Threading Intercalator-Induced Nanocondensates and Role of Endogenous Metal Ions in Decondensation for DNA Delivery. ACS Applied Bio Materials, 2020, 3, 6979-6991.	4.6	10
33	Polyampholyte-Based Synthetic Chaperone Modulate Amyloid Aggregation and Lithium Delivery. ACS Chemical Neuroscience, 2020, 11, 2812-2826.	3.5	11
34	Recognition of G-quadruplex topology through hybrid binding with implications in cancer theranostics. Theranostics, 2020, 10, 10394-10414.	10.0	13
35	Dual DNA binding mode of a turn-on red fluorescent probe thiazole coumarin. PLoS ONE, 2020, 15, e0239145.	2.5	5
36	Intrinsic Role of Molecular Architectonics in Enhancing the Catalytic Activity of Lead in Glucose Hydrolysis. ACS Applied Materials & Interfaces, 2020, 12, 14057-14063.	8.0	8

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37	Antioxidant Berberine-Derivative Inhibits Multifaceted Amyloid Toxicity. IScience, 2020, 23, 101005.	4.1	63
38	Molecular architectonics of DNA for functional nanoarchitectures. Beilstein Journal of Nanotechnology, 2020, 11, 124-140.	2.8	28
39	Molecular Tools to Detect Alloforms of Aβ and Tau: Implications for Multiplexing and Multimodal Diagnosis of Alzheimer's Disease. Bulletin of the Chemical Society of Japan, 2020, 93, 507-546.	3.2	39
40	Molecular Architectonicsâ€Guided Fabrication of Superhydrophobic and Selfâ€Cleaning Materials. Advanced Materials Interfaces, 2020, 7, 2000246.	3.7	35
41	Injectable Silk Fibroin-Based Hydrogel for Sustained Insulin Delivery in Diabetic Rats. ACS Applied Bio Materials, 2020, 3, 3544-3552.	4.6	26
42	Molecular Architectonics of Cyclic Dipeptide Amphiphiles and Their Application in Drug Delivery. ACS Applied Bio Materials, 2020, 3, 3413-3422.	4.6	11
43	Amino Acids and Peptides as Functional Components in Arylenediimide-Based Molecular Architectonics. Bulletin of the Chemical Society of Japan, 2019, 92, 1883-1901.	3.2	69
44	Phosphoglycolate phosphatase is a metabolic proofreading enzyme essential for cellular function in Plasmodium berghei. Journal of Biological Chemistry, 2019, 294, 4997-5007.	3.4	3
45	Small Molecule Inhibits Metal-Dependent and -Independent Multifaceted Toxicity of Alzheimer's Disease. ACS Chemical Neuroscience, 2019, 10, 3611-3621.	3.5	43
46	Peptide-modulated self-assembly as a versatile strategy for tumor supramolecular nanotheranostics. Theranostics, 2019, 9, 3249-3261.	10.0	60
47	Unambiguous Detection of Elevated Levels of Hypochlorous Acid in Double Transgenic AD Mouse Brain. ACS Chemical Neuroscience, 2019, 10, 4847-4853.	3.5	38
48	Melanin incorporated electroactive and antioxidant silk fibroin nanofibrous scaffolds for nerve tissue engineering. Materials Science and Engineering C, 2019, 94, 17-25.	7.3	76
49	DNA-Based Nanoswitches and Devices. , 2019, , 365-408.		6
50	Functional Molecule $\hat{a} \in \mathbb{C}$ Templated DNA Nanoarchitectures. , 2019, , 69-106.		5
51	Development of Biomolecule Integrated Materials and their Biological Applications. , 2019, , 173-198.		1
52	Bicomponent Î ² -sheet assembly of dipeptide fluorophores of opposite polarity and sensitive detection of nitro-explosives. Chemical Communications, 2018, 54, 2280-2283.	4.1	26
53	Architectonics: Design of Molecular Architecture for Functional Applications. Accounts of Chemical Research, 2018, 51, 414-426.	15.6	92
54	Far-red fluorescent probes for canonical and non-canonical nucleic acid structures: current progress and future implications. Chemical Society Reviews, 2018, 47, 1098-1131.	38.1	167

Thimmaiah Govindaraju

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55	Hybrid Multifunctional Modulators Inhibit Multifaceted Aβ Toxicity and Prevent Mitochondrial Damage. ACS Chemical Neuroscience, 2018, 9, 1432-1440.	3.5	53
56	SERS and fluorescence-based ultrasensitive detection of mercury in water. Biosensors and Bioelectronics, 2018, 100, 556-564.	10.1	155
57	<scp>l</scp> -Dopa and dopamine conjugated naphthalenediimides modulate amyloid β toxicity. Organic and Biomolecular Chemistry, 2018, 16, 7682-7692.	2.8	20
58	Current progress, challenges and future prospects of diagnostic and therapeutic interventions in Alzheimer's disease. RSC Advances, 2018, 8, 23780-23804.	3.6	105
59	Stimuli-responsive Material Inspired Drug Delivery Systems and Devices. Biomaterials Science Series, 2018, , 317-334.	0.2	2
60	A red-NIR emissive probe for the selective detection of albumin in urine samples and live cells. Organic and Biomolecular Chemistry, 2017, 15, 1584-1588.	2.8	46
61	Aβ plaque-selective NIR fluorescence probe to differentiate Alzheimer's disease from tauopathies. Biosensors and Bioelectronics, 2017, 98, 54-61.	10.1	83
62	Cyclic dipeptide based cell-penetrating peptidomimetics for effective DNA delivery. Organic and Biomolecular Chemistry, 2017, 15, 3170-3174.	2.8	25
63	Conformational heterogeneity in tails of DNA-binding proteins is augmented by proline containing repeats. Molecular BioSystems, 2017, 13, 2531-2544.	2.9	3
64	Cyclic Dipeptide-Based Ambidextrous Supergelators: Minimalistic Rational Design, Structure-Gelation Studies, and In Situ Hydrogelation. Biomacromolecules, 2017, 18, 3581-3590.	5.4	36
65	Radicalâ€Scavenging Antioxidant Cyclic Dipeptides and Silk Fibroin Biomaterials. European Journal of Organic Chemistry, 2017, 2017, 4363-4369.	2.4	19
66	Molecular Selfâ€Assembly of Cyclic Dipeptide Derivatives and Their Applications. ChemPlusChem, 2017, 82, 88-106.	2.8	93
67	Natural Tripeptide-Based Inhibitor of Multifaceted Amyloid β Toxicity. ACS Chemical Neuroscience, 2016, 7, 1300-1310.	3.5	108
68	Pigmented Silk Nanofibrous Composite for Skeletal Muscle Tissue Engineering. Advanced Healthcare Materials, 2016, 5, 1222-1232.	7.6	81
69	Molecular Architectonics of Naphthalenediimides for Efficient Structure–Property Correlation. ACS Applied Materials & Interfaces, 2016, 8, 8678-8685.	8.0	44
70	Engineering molecular self-assembly of perylene diimide through pH-responsive chiroptical switching. Molecular Systems Design and Engineering, 2016, 1, 202-207.	3.4	29
71	Imidazolylâ€Naphthalenediimideâ€Based Threading Intercalators of DNA. ChemBioChem, 2016, 17, 2162-2171.	2.6	22
72	Emergent Behaviors in Kinetically Controlled Dynamic Self-Assembly of Synthetic Molecular Systems. ACS Omega, 2016, 1, 378-387.	3.5	19

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73	Surface-Functionalized Silk Fibroin Films as a Platform To Guide Neuron-like Differentiation of Human Mesenchymal Stem Cells. ACS Applied Materials & Interfaces, 2016, 8, 22849-22859.	8.0	64
74	Nanoarchitectonics of Small Molecule and DNA for Ultrasensitive Detection of Mercury. ACS Applied Materials & amp; Interfaces, 2016, 8, 30362-30371.	8.0	94
75	A High Affinity Red Fluorescence and Colorimetric Probe for Amyloid β Aggregates. Scientific Reports, 2016, 6, 23668.	3.3	90
76	A molecular beacon-based DNA switch for reversible pH sensing in vesicles and live cells. Chemical Communications, 2016, 52, 8741-8744.	4.1	25
77	Multi-Stimuli-Responsive Charge-Transfer Hydrogel for Room-Temperature Organic Ferroelectric Thin-Film Devices. Journal of the American Chemical Society, 2016, 138, 8259-8268.	13.7	85
78	Stimuli-responsive colorimetric and NIR fluorescence combination probe for selective reporting of cellular hydrogen peroxide. Chemical Science, 2016, 7, 2832-2841.	7.4	93
79	Bioinspired Reductionistic Peptide Engineering for Exceptional Mechanical Properties. Scientific Reports, 2015, 5, 16070.	3.3	36
80	Fluorescence reporting of G-quadruplex structures and modulating their DNAzyme activity using polyethylenimine–pyrene conjugate. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2395-2400.	2.2	10
81	Sequence-specific recognition of DNA minor groove by an NIR-fluorescence switch-on probe and its potential applications. Nucleic Acids Research, 2015, 43, 8651-8663.	14.5	66
82	Rationally Designed Peptidomimetic Modulators of AÎ ² Toxicity in Alzheimer's Disease. Scientific Reports, 2015, 5, 8139.	3.3	82
83	A switch-on near-infrared fluorescence-ready probe for Cu(I): live cell imaging. Supramolecular Chemistry, 2015, 27, 589-594.	1.2	31
84	Bioinspired Nanoarchitectonics of Naphthalene Diimide to Access 2D Sheets of Tunable Size, Shape, and Optoelectronic Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 293-300.	3.7	29
85	Double zipper helical assembly of deoxyoligonucleotides: mutual templating and chiral imprinting to form hybrid DNA ensembles. Chemical Communications, 2015, 51, 5493-5496.	4.1	18
86	Crystallographic insight-guided nanoarchitectonics and conductivity modulation of an n-type organic semiconductor through peptide conjugation. Chemical Communications, 2015, 51, 8315-8318.	4.1	46
87	Function and toxicity of amyloid beta and recent therapeutic interventions targeting amyloid beta in Alzheimer's disease. Chemical Communications, 2015, 51, 13434-13450.	4.1	191
88	A Thiazole Coumarin (TC) Turn-On Fluorescence Probe for AT-Base Pair Detection and Multipurpose Applications in Different Biological Systems. Scientific Reports, 2015, 4, 6476.	3.3	49
89	Synthesis of Hybrid Cyclic Peptoids and Identification of Autophagy Enhancer. ChemPlusChem, 2014, 79, 25-30.	2.8	22
90	Assembly Modulation of PDI Derivative as a Supramolecular Fluorescence Switching Probe for Detection of Cationic Surfactant and Metal Ions in Aqueous Media. ACS Applied Materials & amp; Interfaces, 2014, 6, 21369-21379.	8.0	69

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91	A probe for ratiometric near-infrared fluorescence and colorimetric hydrogen sulfide detection and imaging in live cells. RSC Advances, 2014, 4, 11147-11151.	3.6	64
92	Nanoarchitectonics of biomolecular assemblies for functional applications. Nanoscale, 2014, 6, 13348-13369.	5.6	79
93	Biomimetic molecular organization of naphthalene diimide in the solid state: tunable (chiro-) optical, viscoelastic and nanoscale properties. RSC Advances, 2014, 4, 20154-20163.	3.6	45
94	Molecular Architectonics of Stereochemically Constrained π omplementary Functional Modules. European Journal of Organic Chemistry, 2013, 2013, 5838-5847.	2.4	25
95	A Supramolecular Gel from a Quadruple Zwitterion that Responds to Both Acid and Base. Angewandte Chemie - International Edition, 2013, 52, 12550-12554.	13.8	72
96	A Highly Selective Reactionâ€Based Twoâ€Photon Probe for Copper(I) in Aqueous Media. ChemPlusChem, 2013, 78, 785-788.	2.8	18
97	Reaction-based probes for Co(ii) and Cu(i) with dual output modes: fluorescence live cell imaging. RSC Advances, 2013, 3, 16788.	3.6	51
98	Green-fluorescent naphthalene diimide: conducting layered hierarchical 2D nanosheets and reversible probe for detection of aromatic solvents. RSC Advances, 2013, 3, 11459.	3.6	31
99	FRET-based rational strategy for ratiometric detection of Cu2+ and live cell imaging. Sensors and Actuators B: Chemical, 2013, 176, 831-837.	7.8	85
100	An effective and regioselective bromination of 1,4,5,8-naphthalenetetracarboxylic dianhydride using tribromoisocyanuric acid. Tetrahedron Letters, 2013, 54, 6314-6318.	1.4	13
101	A turn-on NIR fluorescence and colourimetric cyanine probe for monitoring the thiol content in serum and the glutathione reductase assisted glutathione redox process. Organic and Biomolecular Chemistry, 2013, 11, 2098.	2.8	81
102	Exploring hydrogen bonding and weak aromatic interactions induced assembly of adenine and thymine functionalised naphthalenediimides. New Journal of Chemistry, 2013, 37, 1302.	2.8	23
103	Dibromohydantoin: A Convenient Brominating Reagent for 1,4,5,8â€Naphthalenetetracarboxylic Dianhydride. Asian Journal of Organic Chemistry, 2013, 2, 779-785.	2.7	33
104	Extremely Slow Dynamics of an Abiotic Helical Assembly: Unusual Relevance to the Secondary Structure of Proteins. Journal of Physical Chemistry Letters, 2013, 4, 583-588.	4.6	17
105	Solventâ€Induced Helical Assembly and Reversible Chiroptical Switching of Chiral Cyclicâ€Dipeptideâ€Functionalized Naphthalenediimides. Chemistry - A European Journal, 2013, 19, 16615-16624.	3.3	61
106	Molecular assembly of amino acid interlinked, topologically symmetric, π-complementary donor–acceptor–donor triads. Beilstein Journal of Organic Chemistry, 2013, 9, 1565-1571.	2.2	9
107	Hydrogen bond directed self-assembly of cyclic dipeptide derivatives: gelation and ordered hierarchical architectures. RSC Advances, 2012, 2, 5539.	3.6	58
108	Selfâ€Cleaning Functional Molecular Materials. Angewandte Chemie - International Edition, 2012, 51, 10324-10328.	13.8	46

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109	Reactive Probes for Ratiometric Detection of Co ²⁺ and Cu ⁺ Based on Excited-State Intramolecular Proton Transfer Mechanism. Organic Letters, 2012, 14, 6008-6011.	4.6	129
110	A differentially selective sensor with fluorescence turn-on response to Zn ²⁺ and dual-mode ratiometric response to Al ³⁺ in aqueous media. Chemical Communications, 2012, 48, 1039-1041.	4.1	318
111	Two-dimensional nanoarchitectonics: organic and hybrid materials. Nanoscale, 2012, 4, 6102.	5.6	131
112	Amino Acid Derivatized Arylenediimides: A Versatile Modular Approach for Functional Molecular Materials. Advanced Materials, 2012, 24, 3905-3922.	21.0	93
113	Chiral Transcription and Retentive Helical Memory: Probing Peptide Auxiliaries Appended with Naphthalenediimides for Their Oneâ€Dimensional Molecular Organization. Chemistry - A European Journal, 2012, 18, 4818-4822.	3.3	63
114	Inside Cover: Chiral Transcription and Retentive Helical Memory: Probing Peptide Auxiliaries Appended with Naphthalenediimides for Their Oneâ€Dimensional Molecular Organization (Chem. Eur. J. 16/2012). Chemistry - A European Journal, 2012, 18, 4798-4798.	3.3	0
115	Covalent crosslinking of carbon nanostructures. Journal of Chemical Sciences, 2012, 124, 551-556.	1.5	2
116	Aldazine-based colorimetric sensors for Cu2+ and Fe3+. Sensors and Actuators B: Chemical, 2012, 161, 304-310.	7.8	303
117	A bio-inspired design strategy: Organization of tryptophan-appended naphthalenediimide into well-defined architectures induced by molecular interactions. Nanoscale, 2011, 3, 2536.	5.6	56
118	Spontaneous self-assembly of designed cyclic dipeptide (Phg-Phg) into two-dimensional nano- and mesosheets. Supramolecular Chemistry, 2011, 23, 487-492.	1.2	46
119	Highly Selective Colorimetric Chemosensor for Co ²⁺ . Inorganic Chemistry, 2011, 50, 11282-11284.	4.0	131
120	Reversible fluorescence sensing of Zn ²⁺ based on pyridine-constrained <i>bis</i> (triazole-linked hydroxyquinoline) sensor. Supramolecular Chemistry, 2011, 23, 703-709.	1.2	44
121	Engineering Molecular Organization of Naphthalenediimides: Large Nanosheets with Metallic Conductivity and Attoliter Containers. Advanced Functional Materials, 2011, 21, 3875-3882.	14.9	67
122	Molecular Engineering: Engineering Molecular Organization of Naphthalenediimides: Large Nanosheets with Metallic Conductivity and Attoliter Containers (Adv. Funct. Mater. 20/2011). Advanced Functional Materials, 2011, 21, 3998-3998.	14.9	0
123	Naphthaldehyde–Urea/Thiourea Conjugates as Turnâ€On Fluorescent Probes for Al ³⁺ Based on Restricted C=N Isomerization. European Journal of Inorganic Chemistry, 2011, 2011, 5479-5485.	2.0	107
124	Highly Selective Visible and Nearâ€IR Sensing of Cu ²⁺ Based on Thiourea–Salicylaldehyde Coordination in Aqueous Media. Chemistry - A European Journal, 2011, 17, 1410-1414.	3.3	118
125	Visible–Nearâ€Infrared and Fluorescent Copper Sensors Based on Julolidine Conjugates: Selective Detection and Fluorescence Imaging in Living Cells. Chemistry - A European Journal, 2011, 17, 11152-11161.	3.3	173
126	Spontaneous self-assembly of aromatic cyclic dipeptide into fibre bundles with high thermal stability and propensity for gelation. Supramolecular Chemistry, 2011, 23, 759-767.	1.2	31

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127	Rhodamine based bright red colourimetric and turn-on fluorescence chemosensor for selective detection of Cu ²⁺ . Materials Technology, 2011, 26, 168-172.	3.0	36
128	Pyrrolidine constrained bipyridyl-dansyl click fluoroionophore as selective Al3+sensor. Chemical Communications, 2010, 46, 4499.	4.1	329
129	Covalent modification and exfoliation of graphene oxide using ferrocene. Nanoscale, 2010, 2, 1762.	5.6	94
130	Conformationally Constrained (Coumarinâ^'Triazolylâ^'Bipyridyl) Click Fluoroionophore as a Selective Al ³⁺ Sensor. Inorganic Chemistry, 2010, 49, 7229-7231.	4.0	277
131	Surface immobilization of biomolecules by click sulfonamide reaction. Chemical Communications, 2008, , 3723.	4.1	42
132	Using Measurements of Anchoring Energies of Liquid Crystals on Surfaces To Quantify Proteins Captured by Immobilized Ligands. Journal of the American Chemical Society, 2007, 129, 11223-11231.	13.7	57
133	Cyclohexanyl Peptide Nucleic Acids (chPNAs) for Preferential RNA Binding:Â Effective Tuning of Dihedral Angle β in PNAs for DNA/RNA Discrimination. Journal of Organic Chemistry, 2006, 71, 14-21.	3.2	29
134	Backbone extended pyrrolidine PNA (bepPNA): a chiral PNA for selective RNA recognition. Tetrahedron, 2006, 62, 2321-2330.	1.9	21
135	Backbone-extended pyrrolidine peptide nucleic acids (bepPNA): design, synthesis and DNA/RNA binding studies. Chemical Communications, 2005, , 495.	4.1	26
136	(SR/RS)-Cyclohexanyl PNAs:Â Conformationally Preorganized PNA Analogues with Unprecedented Preference for Duplex Formation with RNA. Journal of the American Chemical Society, 2005, 127, 4144-4145.	13.7	49
137	CIS-Cyclopentyl PINA (cpPINA) as constrained chiral PINA analogues: stereochemical dependence of DNA/RNA hybridizationElectronic Supplementary Information (ESI) available: Experimental procedures for the synthesis of compounds, 1H, 13C NMR, mass spectral data, crystal structural data and melting curves for triplexes. See http://www.rsc.org/suppdata/cc/b3/b317000d/. Chemical Communications,	4.1	23
138	(1S,2R/1R,2S)-cis-Cyclopentyl PNAs (cpPNAs) as Constrained PNA Analogues:Â Synthesis and Evaluation ofaeg-cpPNA Chimera and Stereopreferences in Hybridization with DNA/RNA. Journal of Organic Chemistry, 2004, 69, 5725-5734.	3.2	25
139	Synthesis and Evaluation of (1S,2R/1R,2S)-Aminocyclohexylglycyl PNAs as Conformationally Preorganized PNA Analogues for DNA/RNA Recognition. Journal of Organic Chemistry, 2004, 69, 1858-1865.	3.2	31
140	(1S,2R/1R,2S)-Aminocyclohexyl Glycyl Thymine PNA:  Synthesis, Monomer Crystal Structures, and DNA/RNA Hybridization Studies. Organic Letters, 2003, 5, 3013-3016.	4.6	45
141	Mercury mediated DNA–Au/Ag nanocluster ensembles to generate a gray code encoder for biocomputing. Materials Horizons, 0, , .	12.2	5