Santanu Bhattacharya

List of Publications by Year
in descending order

359 papers	16,541 citations	10389 72 h-index	30087 103 g-index
373 all docs	373 docs citations	373 times ranked	14973 citing authors

#	Article	IF	Citations
1	Topological Supramolecular Polymer. Nanostructure Science and Technology, 2022, , 47-70.	0.1	0
2	Liposomal <scp>n</scp><scp>anoparticles</scp> based on steroids and isoprenoids for <scp>nonviral</scp> gene delivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1759.	6.1	4
3	Nanoengineering of Curved Supramolecular Polymers: Toward Single-Chain Mesoscale Materials. Accounts of Materials Research, 2022, 3, 259-271.	11.7	47
4	Bimodal Turnâ€On Fluorescent Probe for Photophysical and Electrochemical Detection of Human Serum Albumin in Clinical Samples. Advanced Materials Interfaces, 2022, 9, .	3.7	6
5	Selective pathological and intracellular detection of human serum albumin by photophysical and electrochemical techniques using a FRET-based molecular probe. Biosensors and Bioelectronics, 2022, 203, 114007.	10.1	8
6	A biocompatible hydrogel as a template for oxidative decomposition reactions: a chemodosimetric analysis and in vitro imaging of hypochlorite. Chemical Science, 2022, 13, 2286-2295.	7.4	12
7	Dynamic alteration of poroelastic attributes as determinant membrane nanorheology for endocytosis of organ specific targeted gold nanoparticles. Journal of Nanobiotechnology, 2022, 20, 74.	9.1	6
8	Molecular design of amphiphiles for Microenvironment-Sensitive kinetically controlled gelation and their utility in probing alcohol contents. Journal of Colloid and Interface Science, 2022, 615, 335-345.	9.4	6
9	Influence of surface moieties on nanomechanical properties of gold nanoparticles using atomic force microscopy. Applied Surface Science, 2022, 591, 153175.	6.1	5
10	Physicalâ€“Chemical Characterization of Bilayer Membranes Derived from (Â±) Î±-Tocopherol-Based Gemini Lipids and Their Interaction with Phosphatidylcholine Bilayers and Lipoplex Formation with Plasmid DNA. Langmuir, 2022, 38, 36-49.	3.5	2
11	Efficacious and sustained release of an anticancer drug mitoxantrone from new covalent organic frameworks using protein corona. Chemical Science, 2022, 13, 7920-7932.	7.4	15
12	Chemical Information and Computational Modeling of Targeting Hybrid Nucleic Acid Structures of PIM1 Sequences by Synthetic Pyrrole-Imidazole Carboxamide Drugs. Journal of Chemical Information and Modeling, 2022, 62, 6411-6422.	5.4	6
13	Recent Update on Targeting c-MYC G-Quadruplexes by Small Molecules for Anticancer Therapeutics. Journal of Medicinal Chemistry, 2021, 64, 42-70.	6.4	67
14	First example of engineered Î²-cyclodextrinylated MEMS devices for volatile pheromone sensing of olive fruit pests. Biosensors and Bioelectronics, 2021, 173, 112728.	10.1	17
15	Effect of Azobenzene Regioisomerism on Intrinsically Curved Supramolecular Polymers. Asian Journal of Organic Chemistry, 2021, 10, 257-261.	2.7	9
16	Inkjet-Printed Graphene Sensors for the Bedside Detection of Tear Film pH. Translational Vision Science and Technology, 2021, 10, 10.	2.2	0
17	Enriched pharmacokinetic behavior and antitumor efficacy of thymoquinone by liposomal delivery. Nanomedicine, 2021, 16, 641-656.	3.3	4
18	FRET-based â€˜ratiometricâ€™ molecular switch for multiple ions with efficacy towards real-time sampling and logic gate applications. Tetrahedron, 2021, 85, 132007.	1.9	11

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19	Cancer Stem Cell-Targeted Gene Delivery Mediated by Aptamer-Decorated pH-Sensitive Nanoliposomes. ACS Biomaterials Science and Engineering, 2021, 7, 2508-2519.	5.2	12
20	Theoretical Insight into the Library Screening Approach for Binding of Intermolecular G-Quadruplex RNA and Small Molecules through Docking and Molecular Dynamics Simulation Studies. Journal of Physical Chemistry B, 2021, 125, 5489-5501.	2.6	11
21	Switchable Luminescent Probe for Trace-Level Detection of the Spodoptera litura Nuclear Polyhedrosis Virus via a Color-Changing Response. ACS Agricultural Science and Technology, 2021, 1, 322-328.	2.3	5
22	Micro-structural investigations on oppositely charged mixed surfactant gels with potential dermal applications. Scientific Reports, 2021, 11, 15527.	3.3	4
23	Novel Î±-tocopherolâ€“ferrocene conjugates for the specific delivery of transgenes in liver cancer cells under high serum conditions. Biomaterials Science, 2021, 9, 7636-7647.	5.4	7
24	New Covalent Organic Square Lattice Based on Porphyrin and Tetraphenyl Ethylene Building Blocks toward High-Performance Supercapacitive Energy Storage. Chemistry of Materials, 2021, 33, 8512-8523.	6.7	40
25	Imidazole-Functionalized Y-Shaped Pushâ€“Pull Dye for Nerve Agent Sensing as well as a Catalyst for Their Detoxification. Journal of Organic Chemistry, 2021, 86, 14663-14671.	3.2	13
26	Nanomechanical Insight of Pancreatic Cancer Cell Membrane during Receptor Mediated Endocytosis of Targeted Gold Nanoparticles. ACS Applied Bio Materials, 2021, 4, 984-994.	4.6	9
27	Hydrogen Bonding-Induced Unique Charge-Transfer Emission from Multichromophoric Polypyridyl Ligands: Ratiometric Probing of Methanol Impurity in Commercial Biofuels. ACS Sustainable Chemistry and Engineering, 2021, 9, 17078-17084.	6.7	15
28	A fluorescent supramolecular host for urea. Materials Today: Proceedings, 2020, 26, 11-16.	1.8	2
29	Addressing Multiple Ions Using Single Optical Probe: Multiâ€Color Response via Mutually Independent Sensing Pathways. ChemistrySelect, 2020, 5, 452-462.	1.5	10
30	Natural tripeptide capped pH-sensitive gold nanoparticles for efficacious doxorubicin delivery both in vitro and in vivo. Nanoscale, 2020, 12, 1067-1074.	5.6	38
31	Self-assembled poly-catenanes from supramolecular toroidal building blocks. Nature, 2020, 583, 400-405.	27.8	177
32	Myosin 10 Regulates Invasion, Mitosis, and Metabolic Signaling in Glioblastoma. IScience, 2020, 23, 101802.	4.1	14
33	Encapsulation of CsPbBr₃ Nanocrystals by a Tripodal Amine Markedly Improves Photoluminescence and Stability Concomitantly via Anion Defect Elimination. Chemistry of Materials, 2020, 32, 7159-7171.	6.7	32
34	A two-component charge transfer hydrogel with excellent sensitivity towards the microenvironment: a responsive platform for biogenic thiols. Soft Matter, 2020, 16, 9882-9889.	2.7	20
35	Breaking the Barrier of Polynucleotide Size, Type, and Topology in Smad2 Antisense Therapy Using a Cationic Cholesterol Dimer with Flexible Spacer. ACS Applied Bio Materials, 2020, 3, 7712-7721.	4.6	4
36	Effect of an Aromatic Solvent on Hydrogenâ€Bondâ€Directed Supramolecular Polymerization Leading to Distinct Topologies. Chemistry - A European Journal, 2020, 26, 8997-9004.	3.3	28

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37	Transparent, flexible MAPbI₃perovskite microwire arrays passivated with ultra-hydrophobic supramolecular self-assembly for stable and high-performance photodetectors. Nanoscale, 2020, 12, 11986-11996.	5.6	14
38	Fluorescent Supramolecular Polymorphism Driven by Distinct Hydrogen Bonding Lattice. Chemistry Letters, 2020, 49, 1009-1012.	1.3	9
39	Controlled drug release from polyelectrolyteâ€“drug conjugate nanoparticles. Journal of Materials Chemistry B, 2020, 8, 2887-2894.	5.8	13
40	Hydrogen bond-directed supramolecular polymorphism leading to soft and hard molecular ordering. Chemical Communications, 2020, 56, 4280-4283.	4.1	28
41	A thermo-responsive supramolecular hydrogel that senses cholera toxin via color-changing response. Chemical Communications, 2020, 56, 7789-7792.	4.1	19
42	Switchable Optical Probes for Simultaneous Targeting of Multiple Anions. Chemistry - an Asian Journal, 2020, 15, 1759-1779.	3.3	37
43	Specific stabilization of promoter G-Quadruplex DNA by 2,6-disubstituted amidoanthracene-9,10-dione based dimeric distamycin analogues and their selective cancer cell cytotoxicity. European Journal of Medicinal Chemistry, 2020, 195, 112202.	5.5	36
44	Antibody-Conjugated Vitamin E-Derived Liposomes for Targeted Gene Transfer. ACS Applied Bio Materials, 2020, 3, 8375-8385.	4.6	5
45	Highly Responsive Fluorescent Assemblies Allow for Unique, Multiparametric Sensing of the Phospholipid Membrane Environment. Chemistry - A European Journal, 2019, 25, 1507-1514.	3.3	8
46	DNAâ€“SWCNT Biosensors Allow Real-Time Monitoring of Therapeutic Responses in Pancreatic Ductal Adenocarcinoma. Cancer Research, 2019, 79, 4515-4523.	0.9	17
47	Topological Impact on the Kinetic Stability of Supramolecular Polymers. Journal of the American Chemical Society, 2019, 141, 13196-13202.	13.7	45
48	Gemini-Based Lipoplexes Complement the Mitochondrial Phenotype in MFN1-Knockout Mouse Embryonic Fibroblasts. Molecular Pharmaceutics, 2019, 16, 4787-4796.	4.6	3
49	New Water-Soluble Oxyamino Chitosans as Biocompatible Vectors for Efficacious Anticancer Therapy via Co-Delivery of Gene and Drug. ACS Applied Materials & Interfaces, 2019, 11, 37442-37460.	8.0	34
50	Nanomechanical insights: Amyloid beta oligomer-induced senescent brain endothelial cells. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 183061.	2.6	11
51	Simultaneous sensing of ferritin and apoferritin proteins using an iron-responsive dye and evaluation of physiological parameters associated with serum iron estimation. Journal of Materials Chemistry B, 2019, 7, 986-993.	5.8	17
52	Perfluoroarene induces a pentapeptidic hydrotrope into a pH-tolerant hydrogel allowing naked eye sensing of Ca²⁺ ions. Nanoscale, 2019, 11, 2223-2230.	5.6	14
53	Multimodal Ion Sensing by Structurally Simple Pyridine-End Oligo p-Phenylenevinylenes for Sustainable Detection of Toxic Industrial Waste. ACS Sustainable Chemistry and Engineering, 2019, , .	6.7	12
54	Engaging Dynamic Surfactant Assemblies in Improving Metal Ion Sensitivity of a 1,4,7-Triazacyclononane-Based Receptor: Differential Optical Response for Cysteine and Histidine. ACS Applied Bio Materials, 2019, 2, 2365-2373.	4.6	25

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55	On-Field Detection of Helicoverpa armigera Nuclear Polyhedrosis Virus Using Luminescent Amphiphilic Probe: Screening of Agricultural Crops and Commercial Formulations. ACS Sustainable Chemistry and Engineering, 2019, 7, 7667-7675.	6.7	9
56	Tumor Chemosensitization through Oncogene Knockdown Mediated by Unique Î±-Tocopherylated Cationic Geminis. Biomacromolecules, 2019, 20, 1555-1566.	5.4	14
57	AFM study: Cell cycle and probe geometry influences nanomechanical characterization of Panc1 cells. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 802-812.	2.4	22
58	Supramolecular Polymers Capable of Controlling Their Topology. Accounts of Chemical Research, 2019, 52, 1325-1335.	15.6	141
59	Palladium-induced transformation of nematic liquid crystals to robust metallogel comprising self-assembled nanowires. Chemical Communications, 2019, 55, 12651-12654.	4.1	2
60	VEGF receptorâ€1 modulates amyloid Î² 1â€“42 oligomerâ€induced senescence in brain endothelial cells. FASEB Journal, 2019, 33, 4626-4637.	0.5	27
61	Simultaneous Detection of Cu²⁺ and Hg²⁺ via Two Mutually Independent Sensing Pathways of Biimidazole Pushâ€“Pull Dye. Journal of Organic Chemistry, 2019, 84, 1787-1796.	3.2	31
62	Metal Complex as an Optical Sensing Platform for Rapid Multimodal Recognition of a Pathogenic Biomarker in Real-Life Samples. ACS Sustainable Chemistry and Engineering, 2019, 7, 569-577.	6.7	33
63	Modulation of Excitedâ€State Protonâ€Transfer Dynamics inside the Nanocavity of Microheterogeneous Systems: Microenvironmentâ€Sensitive FÃ¶rster Energy Transfer to Riboflavin. ChemPhysChem, 2019, 20, 881-889.	2.1	9
64	Efficacious Electrochemical Oxygen Evolution from a Novel Co(II) Porphyrin/Pyrene-Based Conjugated Microporous Polymer. ACS Applied Materials & Interfaces, 2019, 11, 1520-1528.	8.0	75
65	Colorimetric indicators for specific recognition of Cu2+ and Hg2+ in physiological media: Effect of variations of signaling unit on optical response. Inorganica Chimica Acta, 2019, 487, 50-57.	2.4	34
66	Structural Characterization of iâ€Motif Structure in the Human Acetylâ€CoA Carboxylaseâ€…1 Gene Promoters and Their Role in the Regulation of Gene Expression. ChemBioChem, 2018, 19, 1078-1087.	2.6	12
67	Transfection efficiencies of Î±-tocopherylated cationic gemini lipids with hydroxyethyl bearing headgroups under high serum conditions. Organic and Biomolecular Chemistry, 2018, 16, 1983-1993.	2.8	24
68	Trace level Al³⁺ detection in aqueous media utilizing luminescent ensembles comprising pyrene laced dynamic surfactant assembly. Dalton Transactions, 2018, 47, 2352-2359.	3.3	34
69	Motionâ€Induced Changes in Emission as an Effective Strategy for the Ratiometric Probing of Human Serum Albumin and Trypsin in Biological Fluids. Chemistry - an Asian Journal, 2018, 13, 664-671.	3.3	32
70	Targeting G-quadruplex DNA structures in the telomere and oncogene promoter regions by benzimidazoleâ€carbazole ligands. European Journal of Medicinal Chemistry, 2018, 148, 178-194.	5.5	49
71	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. Journal of the American Chemical Society, 2018, 140, 3257-3263.	13.7	91
72	Reduction Responsive Nanovesicles Derived from Novel Î±-Tocopherylâ€“Lipoic Acid Conjugates for Efficacious Drug Delivery to Sensitive and Drug Resistant Cancer Cells. Bioconjugate Chemistry, 2018, 29, 255-266.	3.6	27

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73	A unique self-assembly-driven probe for sensing a lipid bilayer: ratiometric probing of vesicle to micelle transition. Chemical Communications, 2018, 54, 5122-5125.	4.1	30
74	Visual detection of a nerve agent simulant using chemically modified paper strips and dye-assembled inorganic nanocomposite. Analyst, The, 2018, 143, 528-535.	3.5	30
75	Tunable Emission from Fluorescent Organic Nanoparticles in Water: Insight into the Nature of Selfâ€Assembly and Photoswitching. Chemistry - A European Journal, 2018, 24, 2643-2652.	3.3	31
76	A Versatile Probe for Caffeine Detection in Real-Life Samples via Excitation-Triggered Alteration in the Sensing Behavior of Fluorescent Organic Nanoaggregates. Analytical Chemistry, 2018, 90, 821-829.	6.5	30
77	Synthesis of High Molecular Weight 1,4-Polynaphthalene for Solution-Processed True Color Blue Light Emitting Diode. Macromolecules, 2018, 51, 8324-8329.	4.8	7
78	Hierarchical Self-Assembly of a Water-Soluble Organoplatinum(II) Metallacycle into Well-Defined Nanostructures. Organic Letters, 2018, 20, 7020-7023.	4.6	13
79	Self-Assembly of Metallacages into Multidimensional Suprastructures with Tunable Emissions. Journal of the American Chemical Society, 2018, 140, 12819-12828.	13.7	63
80	Smart optical probe for â€˜equipment-freeâ€™ detection of oxalate in biological fluids and plant-derived food items. Tetrahedron, 2018, 74, 4457-4465.	1.9	31
81	Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8087-8092.	7.1	88
82	Covalent organic framework based microspheres as an anode material for rechargeable sodium batteries. Journal of Materials Chemistry A, 2018, 6, 16655-16663.	10.3	113
83	Microenvironment Sensitive Charge-Transfer Dye for Tandem Sensing of Multiple Analytes at Mesoscopic Interfaces. ACS Sustainable Chemistry and Engineering, 2018, 6, 12807-12816.	6.7	34
84	Hierarchical Assemblies of Supramolecular Coordination Complexes. Accounts of Chemical Research, 2018, 51, 2047-2063.	15.6	265
85	A conjugated microporous polymer based visual sensing platform for aminoglycoside antibiotics in water. Chemical Communications, 2018, 54, 7495-7498.	4.1	51
86	Heparin triggered dose dependent multi-color emission switching in water: a convenient protocol for heparinase I estimation in real-life biological fluids. Chemical Communications, 2017, 53, 1486-1489.	4.1	31
87	Enhanced G-Quadruplex DNA Stabilization and Telomerase Inhibition by Novel Fluorescein Derived Salen and Salphen Based Ni(II) and Pd(II) Complexes. Bioconjugate Chemistry, 2017, 28, 341-352.	3.6	51
88	Electrochemical probing of hydrogelation induced by the self-assembly of a donorâ€“acceptor complex comprising pyranine and viologen. Chemical Communications, 2017, 53, 2371-2374.	4.1	30
89	Dualâ€Mode Optical Sensing of Histamine at Nanomolar Concentrations in Complex Biological Fluids and Living Cells. Chemistry - A European Journal, 2017, 23, 11891-11897.	3.3	31
90	Mimicking multivalent proteinâ€“carbohydrate interactions for monitoring the glucosamine level in biological fluids and pharmaceutical tablets. Chemical Communications, 2017, 53, 5392-5395.	4.1	27

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91	A plantâ€derived dehydrorotenoid: a new inhibitor of hepatitis C virus entry. FEBS Letters, 2017, 591, 1305-1317.	2.8	14
92	Concentration Dependent Self-Assembly of TrK-NGF Receptor Derived Tripeptide: New Insights from Experiment and Computer Simulations. Journal of Physical Chemistry B, 2017, 121, 815-824.	2.6	24
93	Multifaceted peptide assisted one-pot synthesis of gold nanoparticles for plectin-1 targeted gemcitabine delivery in pancreatic cancer. Nanoscale, 2017, 9, 15622-15634.	5.6	46
94	Novel ruthenium azo-quinoline complexes with enhanced photonuclease activity in human cancer cells. European Journal of Medicinal Chemistry, 2017, 139, 1016-1029.	5.5	27
95	Transcription regulation of CDKN1A (p21/CIP1/WAF1) by TRF2 is epigenetically controlled through the REST repressor complex. Scientific Reports, 2017, 7, 11541.	3.3	44
96	Fluorescent Organic Nanoaggregates for Selective Recognition of <scp>d</scp>â€(â^')â€Ribose in Biological Fluids and Oral Supplements. Chemistry - A European Journal, 2017, 23, 16547-16554.	3.3	31
97	Knockdown of Broad-Complex Gene Expression of Bombyx mori by Oligopyrrole Carboxamides Enhances Silk Production. Scientific Reports, 2017, 7, 805.	3.3	3
98	Nanomolar Level Detection of Uric Acid in Blood Serum and Pest-Infested Grain Samples by an Amphiphilic Probe. Analytical Chemistry, 2017, 89, 10376-10383.	6.5	59
99	Electrochemical Stimuli-Driven Facile Metal-Free Hydrogen Evolution from Pyrene-Porphyrin-Based Crystalline Covalent Organic Framework. ACS Applied Materials & Interfaces, 2017, 9, 23843-23851.	8.0	179
100	New pH-responsive gemini lipid derived co-liposomes for efficacious doxorubicin delivery to drug resistant cancer cells. Chemical Communications, 2017, 53, 8184-8187.	4.1	22
101	Identification of a flavonoid isolated from plum (Prunus domestica) as a potent inhibitor of Hepatitis C virus entry. Scientific Reports, 2017, 7, 3965.	3.3	26
102	Utilization of Redâ€Lightâ€Emitting CdTe Nanoparticles for the Traceâ€Level Detection of Harmful Herbicides in Adulterated Food and Agricultural Crops. Chemistry - an Asian Journal, 2017, 12, 76-85.	3.3	27
103	A Glimpse of Our Journey into the Design of Optical Probes in Selfâ€assembled Surfactant Aggregates. Chemical Record, 2016, 16, 1934-1949.	5.8	38
104	A novel bio-engineering approach to generate an eminent surface-functionalized template for selective detection of female sex pheromone of Helicoverpa armigera. Scientific Reports, 2016, 6, 37355.	3.3	22
105	New Fe(<scp>iii</scp>) and Co(<scp>ii</scp>) salen complexes with pendant distamycins: selective targeting of cancer cells by DNA damage and mitochondrial pathways. Dalton Transactions, 2016, 45, 9345-9353.	3.3	33
106	First report of charge-transfer induced heat-set hydrogel. Structural insights and remarkable properties. Nanoscale, 2016, 8, 11224-11233.	5.6	58
107	Discovery and Structural Characterization of G-quadruplex DNA in Human Acetyl-CoA Carboxylase Gene Promoters: Its Role in Transcriptional Regulation and as a Therapeutic Target for Human Disease. Journal of Medicinal Chemistry, 2016, 59, 5035-5050.	6.4	11
108	Novel Oligopyrrole Carboxamide based Nickel(II) and Palladium(II) Salens, Their Targeting of Human Gâ€Quadruplex DNA, and Selective Cancer Cell Toxicity. Chemistry - an Asian Journal, 2016, 11, 2542-2554.	3.3	32

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109	Soft-Nanocomposites of Nanoparticles and Nanocarbons with Supramolecular and Polymer Gels and Their Applications. Chemical Reviews, 2016, 116, 11967-12028.	47.7	259
110	Efficient Cellular Knockdown Mediated by siRNA Nanovectors of Gemini Cationic Lipids Having Delocalizable Headgroups and Oligo-Oxyethylene Spacers. ACS Applied Materials & Interfaces, 2016, 8, 22113-22126.	8.0	32
111	Physical Chemical and Biomolecular Methods for the Optimization of Cationic Lipid-Based Lipoplexes In Vitro for the Gene Therapy Applications. Methods in Molecular Biology, 2016, 1445, 3-17.	0.9	1
112	Gelation of Novel Pyreneâ€Cored Chiral Dendrimers: Dendritic Effect in Gelation and Shear Thinning Behavior. Macromolecular Symposia, 2016, 369, 14-18.	0.7	5
113	Carbonâ€Nanotubeâ€Mediated Electrochemical Transition in a Redoxâ€Active Supramolecular Hydrogel Derived from Viologen and an <scp>l</scp>â€Alanineâ€Based Amphiphile. Chemistry - A European Journal, 2016, 22, 7524-7532.	3.3	11
114	Co-liposomes having anisamide tagged lipid and cholesteryl tryptophan trigger enhanced gene transfection in sigma receptor positive cells. Colloids and Surfaces B: Biointerfaces, 2016, 142, 130-140.	5.0	16
115	Remarkable Role of Câ€“IÂ·Â·Â·N Halogen Bonding in Thixotropic â€˜Haloâ€™gel Formation. Langmuir, 2016, 32, 4270-4277.	3.5	28
116	Metallosurfactant Aggregates as Catalysts for the Hydrolytic Cleavage of Carboxylate and Phosphate Esters. Current Organocatalysis, 2015, 3, 6-23.	0.5	15
117	Multifarious facets of sugar-derived molecular gels: molecular features, mechanisms of self-assembly and emerging applications. Chemical Society Reviews, 2015, 44, 5596-5637.	38.1	230
118	Co-liposomes of redox-active alkyl-ferrocene modified low MW branched PEI and DOPE for efficacious gene delivery in serum. Journal of Materials Chemistry B, 2015, 3, 2318-2330.	5.8	18
119	Nanocomposite Made of an Oligo(pâ€phenylenevinylene)â€Based Trihybrid Thixotropic Metallo(organo)gel Comprising Nanoscale Metalâ€“Organic Particles, Carbon Nanohorns, and Silver Nanoparticles. Chemistry - A European Journal, 2015, 21, 5467-5476.	3.3	25
120	Î±-Tocopherol derived lipid dimers as efficient gene transfection agents. Mechanistic insights into lipoplex internalization and therapeutic induction of apoptotic activity. Organic and Biomolecular Chemistry, 2015, 13, 2444-2452.	2.8	16
121	A delocalizable cationic headgroup together with an oligo-oxyethylene spacer in gemini cationic lipids improves their biological activity as vectors of plasmid DNA. Journal of Materials Chemistry B, 2015, 3, 1495-1506.	5.8	36
122	Charge Transfer Induces Formation of Stimuliâ€Responsive, Chiral, Cohesive Vesiclesâ€onâ€aâ€String that Eventually Turn into a Hydrogel. Chemistry - an Asian Journal, 2015, 10, 572-580.	3.3	23
123	Role of synergistic Ï€â€“Ï€ stacking and Xâ€“Hâ‹¯Cl (X = C, N, O) H-bonding interactions in gelation and gel phase crystallization. Chemical Communications, 2015, 51, 7019-7022.	4.1	31
124	Imidazolium based ionic liquid type surfactant improves activity and thermal stability of lipase of Rhizopus oryzae. Journal of Molecular Catalysis B: Enzymatic, 2015, 119, 12-17.	1.8	24
125	Ag⁺-induced reverse vesicle to helical fiber transformation in a self-assembly by adjusting the ketoâ€“enol equilibrium of a chiral salicylideneaniline. Chemical Communications, 2015, 51, 13929-13932.	4.1	13
126	Differential response of cholesterol based pyrimidine systems with oxyethylene type spacers to gelation and mesogen formation in the presence of alkali metal ions. Soft Matter, 2015, 11, 1945-1953.	2.7	24

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127	Cardiomyopathy and Worsened Ischemic Heart Failure in SM22-Î± Cre-Mediated Neuropilin-1 Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1401-1412.	2.4	40
128	New dimeric carbazoleâ€“benzimidazole mixed ligands for the stabilization of human telomeric G-quadruplex DNA and as telomerase inhibitors. A remarkable influence of the spacer. Organic and Biomolecular Chemistry, 2015, 13, 8335-8348.	2.8	34
129	Efficacious redox-responsive gene delivery in serum by ferrocenylated monomeric and dimeric cationic cholesterols. Organic and Biomolecular Chemistry, 2015, 13, 4310-4320.	2.8	21
130	Orotic acid as a useful supramolecular synthon for the fabrication of an OPV based hydrogel: stoichiometry dependent injectable behavior. Chemical Communications, 2015, 51, 6765-6768.	4.1	20
131	Role of spacer length in interaction between novel gemini imidazolium surfactants and Rhizopus oryzae lipase. International Journal of Biological Macromolecules, 2015, 81, 560-567.	7.5	19
132	Ligand 5,10,15,20-Tetra(N-methyl-4-pyridyl)porphine (TMPyP4) Prefers the Parallel Propeller-Type Human Telomeric G-Quadruplex DNA over Its Other Polymorphs. Journal of Physical Chemistry B, 2015, 119, 5-14.	2.6	28
133	Efficacious Gene Silencing in Serum and Significant Apoptotic Activity Induction by Survivin Downregulation Mediated by New Cationic Gemini Tocopheryl Lipids. Molecular Pharmaceutics, 2015, 12, 351-361.	4.6	30
134	Pancreatic Cancerâ€“Derived Exosomes Cause Paraneoplastic Î²-cell Dysfunction. Clinical Cancer Research, 2015, 21, 1722-1733.	7.0	147
135	GAIP Interacting Protein C-Terminus Regulates Autophagy and Exosome Biogenesis of Pancreatic Cancer through Metabolic Pathways. PLoS ONE, 2014, 9, e114409.	2.5	59
136	Inflammation and cancer stem cells. Cancer Letters, 2014, 345, 271-278.	7.2	105
137	Efficacious Anticancer Drug Delivery Mediated by a pHâ€Sensitive Selfâ€Assembly of a Conserved Tripeptide Derived from Tyrosine Kinase NGF Receptor. Angewandte Chemie - International Edition, 2014, 53, 1113-1117.	13.8	100
138	Remarkable role of positional isomers in the design of sensors for the ratiometric detection of copper and mercury ions in water. RSC Advances, 2014, 4, 4230-4238.	3.6	59
139	Rhodamine based dual probes for selective detection of mercury and fluoride ions in water using two mutually independent sensing pathways. Analyst, The, 2014, 139, 2370.	3.5	80
140	A Probe for the Selective and Partsâ€perâ€Billionâ€Level Detection of Copper(II) and Mercury(II) using a Micellar Medium and Its Utility in Cell Imaging. ChemPlusChem, 2014, 79, 1059-1064.	2.8	21
141	Advances in the molecular design of potential anticancer agents via targeting of human telomeric DNA. Chemical Communications, 2014, 50, 6422-6438.	4.1	115
142	An Efficient Probe for Rapid Detection of Cyanide in Water at Parts per Billion Levels and Nakedâ€Eye Detection of Endogenous Cyanide. Chemistry - an Asian Journal, 2014, 9, 830-837.	3.3	52
143	Pyridylenevinylene based Cu²⁺-specific, injectable metallo(hydro)gel: thixotropy and nanoscale metalâ€“organic particles. Chemical Communications, 2014, 50, 11690-11693.	4.1	74
144	Cationic gemini lipids containing polyoxyethylene spacers as improved transfecting agents of plasmid DNA in cancer cells. Journal of Materials Chemistry B, 2014, 2, 4640.	5.8	43

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145	Phthalate mediated hydrogelation of a pyrene based system: a novel scaffold for shape-persistent, self-healing luminescent soft material. Journal of Materials Chemistry A, 2014, 2, 17889-17898.	10.3	56
146	Co-liposomes comprising a lipidated multivalent RGD-peptide and a cationic gemini cholesterol induce selective gene transfection in Î±vÎ²3 and Î±vÎ²5 integrin receptor-rich cancer cells. Journal of Materials Chemistry B, 2014, 2, 5758-5767.	5.8	12
147	Design and Synthesis of New Benzimidazoleâ€“Carbazole Conjugates for the Stabilization of Human Telomeric DNA, Telomerase Inhibition, and Their Selective Action on Cancer Cells. Journal of Medicinal Chemistry, 2014, 57, 6973-6988.	6.4	92
148	Exclusive Detection of Subâ€Nanomolar Levels of Palladium(II) in Water: An Excellent Probe for Multiple Applications. Chemistry - an Asian Journal, 2014, 9, 3174-3181.	3.3	33
149	Role of pH controlled DNA secondary structures in the reversible dispersion/precipitation and separation of metallic and semiconducting single-walled carbon nanotubes. Nanoscale, 2014, 6, 3721-3730.	5.6	25
150	A cationic cholesterol based nanocarrier for the delivery of p53-EGFP-C3 plasmid to cancer cells. Biomaterials, 2014, 35, 1334-1346.	11.4	73
151	DNA binders in clinical trials and chemotherapy. Bioorganic and Medicinal Chemistry, 2014, 22, 4506-4521.	3.0	100
152	How does spacer length of imidazolium gemini surfactants control the fabrication of 2D-Langmuir films of silver-nanoparticles at the airâ€“water interface?. Journal of Colloid and Interface Science, 2014, 430, 85-92.	9.4	36
153	Selective and Efficient Detection of Nitro-Aromatic Explosives in Multiple Media including Water, Micelles, Organogel, and Solid Support. ACS Applied Materials & Interfaces, 2013, 5, 8394-8400.	8.0	172
154	Effects of a Delocalizable Cation on the Headgroup of Gemini Lipids on the Lipoplex-Type Nanoaggregates Directly Formed from Plasmid DNA. Biomacromolecules, 2013, 14, 3951-3963.	5.4	47
155	Ratiometric, Reversible, and Parts per Billion Level Detection of Multiple Toxic Transition Metal Ions Using a Single Probe in Micellar Media. ACS Applied Materials & Interfaces, 2013, 5, 2438-2445.	8.0	93
156	Remarkable Regioisomer Control in the Hydrogel Formation from a Twoâ€Component Mixture of Pyridineâ€End Oligo(pâ€phenylenevinylene)s and Nâ€Decanoylâ€<scp>L</scp>â€alanine. Chemistry - A European Journal, 2013, 19, 16672-16681.	5.3	30
157	Excellent chirality transcription in two-component photochromic organogels assembled through J-aggregation. Chemical Communications, 2013, 49, 1425.	4.1	81
158	Aptamers as Theranostic Agents: Modifications, Serum Stability and Functionalisation. Sensors, 2013, 13, 13624-13637.	3.8	104
159	Efficient Management of Fruit Pests by Pheromone Nanogels. Scientific Reports, 2013, 3, 1294.	3.3	112
160	Molecular Design of Synthetic Benzimidazoles for the Switchover of the Duplex to G-quadruplex DNA Recognition. Chimia, 2013, 67, 39.	0.6	9
161	Induction of Supramolecular Chirality in the Selfâ€Assemblies of Lipophilic Pyrimidine Derivatives by Choice of the Amino Acidâ€Based Chiral Spacer. Chemistry - A European Journal, 2013, 19, 11364-11373.	3.3	27
162	Gene Transfection in High Serum Levels: Case Studies with New Cholesterol Based Cationic Gemini Lipids. PLoS ONE, 2013, 8, e68305.	2.5	26

#	Article	IF	Citations
163	Recent Developments in the Chemistry and Biology of G-Quadruplexes with Reference to the DNA Groove Binders. Current Pharmaceutical Design, 2012, 18, 1917-1933.	1.9	15
164	Nanomedicine: pharmacological perspectives. Nanotechnology Reviews, 2012, 1, .	5.8	14
165	Revealing the role of phospholipase CÎ²3 in the regulation of VEGF-induced vascular permeability. Blood, 2012, 120, 2167-2173.	1.4	40
166	Dimeric 1,3-Phenylene-bis(piperazinyl benzimidazole)s: Synthesis and Structureâ€“Activity Investigations on their Binding with Human Telomeric G-Quadruplex DNA and Telomerase Inhibition Properties. Journal of Medicinal Chemistry, 2012, 55, 2981-2993.	6.4	70
167	Small-Angle Neutron-Scattering Studies of Mixed Micellar Structures Made of Dimeric Surfactants Having Imidazolium and Ammonium Headgroups. Journal of Physical Chemistry B, 2012, 116, 13239-13247.	2.6	39
168	Aggregation induced emission switching and electrical properties of chain length dependent Ï€-gels derived from phenylenedivinylene bis-pyridinium salts in alcoholâ€“water mixtures. Journal of Materials Chemistry, 2012, 22, 25277.	6.7	78
169	A Chemodosimetric Probe Based on a Conjugated Oxidized Bisâ€Indolyl System for Selective Nakedâ€Eye Sensing of Cyanide Ions in Water. Chemistry - an Asian Journal, 2012, 7, 2805-2812.	3.3	69
170	Wideâ€Range Lightâ€Harvesting Donorâ€“Acceptor Assemblies through Specific Intergelator Interactions via Selfâ€Assembly. Chemistry - A European Journal, 2012, 18, 15875-15885.	3.3	30
171	Unusual Saltâ€Induced Color Modulation through Aggregationâ€Induced Emission Switching of a Bisâ€cationic Phenylenedivinyleneâ€Based Ï€ Hydrogelator. Chemistry - A European Journal, 2012, 18, 16632-16641.	3.3	72
172	Evidence of aggregation induced emission enhancement and keto-enol-tautomerism in a gallic acid derived salicylideneaniline gel. Chemical Communications, 2012, 48, 877-879.	4.1	55
173	Loading of single-walled carbon nanotubes in cationic cholesterol suspensions significantly improves gene transfection efficiency in serum. Journal of Materials Chemistry, 2012, 22, 7985.	6.7	25
174	CNT loading into cationic cholesterol suspensions show improved DNA binding and serum stability and ability to internalize into cancer cells. Nanotechnology, 2012, 23, 065101.	2.6	17
175	Chemically Modified Peptides Targeting the PDZ Domain of GIPC as a Therapeutic Approach for Cancer. ACS Chemical Biology, 2012, 7, 770-779.	3.4	36
176	Dinuclear copper(II) complexes: Solvent dependent catecholase activity. Polyhedron, 2012, 45, 245-254.	2.2	35
177	DNA Conjugated SWCNTs Enter Endothelial Cells via Rac1 Mediated Macropinocytosis. Nano Letters, 2012, 12, 1826-1830.	9.1	49
178	Stabilization and Structural Alteration of the G-Quadruplex DNA Made from the Human Telomeric Repeat Mediated by TrÃ¶gerâ€™s Base Based Novel Benzimidazole Derivatives. Journal of Medicinal Chemistry, 2012, 55, 7460-7471.	6.4	75
179	How Does the Spacer Length of Cationic Gemini Lipids Influence the Lipoplex Formation with Plasmid DNA? Physicochemical and Biochemical Characterizations and their Relevance in Gene Therapy. Biomacromolecules, 2012, 13, 3926-3937.	5.4	87
180	Graphenes in Supramolecular Gels and in Biological Systems. , 2012, , 339-372.		2

#	Article	IF	Citations
181	Graphene as a Nanocarrier for Tamoxifen Induces Apoptosis in Transformed Cancer Cell Lines of Different Origins. Small, 2012, 8, 131-143.	10.0	64
182	Endogenous Vascular Endothelial Growth Factor-A (VEGF-A) Maintains Endothelial Cell Homeostasis by Regulating VEGF Receptor-2 Transcription. Journal of Biological Chemistry, 2012, 287, 3029-3041.	3.4	43
183	Composites of Graphene and Other Nanocarbons with Organogelators Assembled through Supramolecular Interactions. Chemistry - A European Journal, 2012, 18, 2890-2901.	3.3	52
184	Binding of Gemini Bisbenzimidazole Drugs with Human Telomeric G-Quadruplex Dimers: Effect of the Spacer in the Design of Potent Telomerase Inhibitors. PLoS ONE, 2012, 7, e39467.	2.5	22
185	Why Is Less Cationic Lipid Required To Prepare Lipoplexes from Plasmid DNA than Linear DNA in Gene Therapy?. Journal of the American Chemical Society, 2011, 133, 18014-18017.	13.7	103
186	Membranes of Cationic Gemini Lipids based on Cholesterol with Hydroxyl Headgroups and their Interactions with DNA and Phospholipid. Journal of Physical Chemistry B, 2011, 115, 478-486.	2.6	28
187	Surfactants Possessing Multiple Polar Heads. A Perspective on their Unique Aggregation Behavior and Applications. Journal of Physical Chemistry Letters, 2011, 2, 914-920.	4.6	72
188	Colorimetric Probes Based on Anthraimidazolediones for Selective Sensing of Fluoride and Cyanide Ion via Intramolecular Charge Transfer. Journal of Organic Chemistry, 2011, 76, 8215-8222.	3.2	305
189	Vesicle and Stable Monolayer Formation from Simple â€œClickâ€•Chemistry Adducts in Water. Langmuir, 2011, 27, 1581-1591.	3.5	19
190	Syntheses, Transfection Efficacy and Cell Toxicity Properties of Novel Cholesterol-based Gemini Lipids having Hydroxyethyl Head group. Organic and Biomolecular Chemistry, 2011, 9, 4600.	2.8	27
191	Role of spacer lengths of gemini surfactants in the synthesis of silver nanorods in micellar media. Nanoscale, 2011, 3, 2924.	5.6	32
192	Cytotoxicity of naphthoquinones and their capacity to generate reactive oxygen species is quenched when conjugated with gold nanoparticles. International Journal of Nanomedicine, 2011, 6, 2113.	6.7	21
193	Multiferroic Behavior in Composites of Nickelâ€Exchanged Glass Containing Nanoparticles of Barium Titanate. Journal of the American Ceramic Society, 2011, 94, 3006-3011.	3.8	1
194	Interaction of G-Quadruplexes with Nonintercalating Duplex-DNA Minor Groove Binding Ligands. Bioconjugate Chemistry, 2011, 22, 2355-2368.	3.6	73
195	Synthesis, characterization and catecholase-like activity of [Mn2L2(Î¼1,5-dca)2(dca)2]Â·H2O [LÂ=ÂN,Nâ€²-ethylenebis(2-benzoylpyridineimine), dcaÂ=Âdicyanamide]. Transition Metal Chemistry, 2011, 36, 195-199.	1.4	5
196	Dinuclear nickel(II) complexes with Schiff base ligands: syntheses, structures and bio-relevant catalytic activities. Transition Metal Chemistry, 2011, 36, 829-839.	1.4	18
197	Surface optical Raman modes in GaN nanoribbons. Journal of Raman Spectroscopy, 2011, 42, 429-433.	2.5	30
198	Synthesis and DNA binding studies of Ni(II), Co(II), Cu(II) and Zn(II) metal complexes of N1,N5-bis[pyridine-2-methylene]-thiocarbohydrazone Schiff-base ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1050-1056.	3.9	80

#	Article	IF	Citations
199	AN INSIGHT INTO FIBERâ€“SOLVENT MEDIATED MODULATION OF NANO-FIBRILLAR ORGANOGELS. International Journal of Nanoscience, 2011, 10, 547-554.	0.7	0
200	Symmetrical Bisbenzimidazoles with Benzenediyl Spacer: The Role of the Shape of the Ligand on the Stabilization and Structural Alterations in Telomeric G-Quadruplex DNA and Telomerase Inhibition. Bioconjugate Chemistry, 2010, 21, 1148-1159.	3.6	58
201	Understanding Membranes through the Molecular Design of Lipids. Langmuir, 2010, 26, 4642-4654.	3.5	33
202	Groove Binding Ligands for the Interaction with Parallel-Strandedps-Duplex DNA and Triplex DNA. Bioconjugate Chemistry, 2010, 21, 1389-1403.	3.6	42
203	Emerging trends at the interface of chemistry and biology: Applications to the design of human therapeutics. Journal of Chemical Sciences, 2010, 122, 97-107.	1.5	0
204	Multiferroic GaN nanofilms grown within Na-4 mica channels. Applied Physics Letters, 2010, 96, 093109.	3.3	16
205	RGS-GAIPâ€“Interacting Protein Controls Breast Cancer Progression. Molecular Cancer Research, 2010, 8, 1591-1600.	3.4	19
206	Carbon nanotube reinforced supramolecular gels with electrically conducting, viscoelastic and near-infrared sensitive properties. Journal of Materials Chemistry, 2010, 20, 6881.	6.7	96
207	Novel Nanocomposites Made of Boron Nitride Nanotubes and a Physical Gel. Langmuir, 2010, 26, 12230-12236.	3.5	45
208	A Unique Nickel System having Versatile Catalytic Activity of Biological Significance. Inorganic Chemistry, 2010, 49, 3121-3129.	4.0	76
209	Growth of two-dimensional GaN in Na-4 mica nanochannels. Journal Physics D: Applied Physics, 2009, 42, 235504.	2.8	15
210	Role of Capping Ligands on the Nanoparticles in the Modulation of Properties of a Hybrid Matrix of Nanoparticles in a 2D Film and in a Supramolecular Organogel. Chemistry - A European Journal, 2009, 15, 9169-9182.	3.3	45
211	Metallomicelles as potent catalysts for the ester hydrolysis reactions in water. Coordination Chemistry Reviews, 2009, 253, 2133-2149.	18.8	77
212	Catechol oxidase activity of dinuclear copper(II) complexes of Robson type macrocyclic ligands: Syntheses, X-ray crystal structure, spectroscopic characterization of the adducts and kinetic studies. Journal of Molecular Catalysis A, 2009, 310, 34-41.	4.8	58
213	Advances in gene delivery through molecular design of cationic lipids. Chemical Communications, 2009, , 4632.	4.1	245
214	Soft Functional Materials Induced by Fibrillar Networks of Small Molecular Photochromic Gelators. Langmuir, 2009, 25, 8378-8381.	3.5	79
215	Coarse-Grained Molecular Dynamics Simulation of the Aggregation Properties of Multiheaded Cationic Surfactants in Water. Journal of Physical Chemistry B, 2009, 113, 13545-13550.	2.6	38
216	Choice of the End Functional Groups in Tri(p-phenylenevinylene) Derivatives Controls Its Physical Gelation Abilities. Langmuir, 2009, 25, 8567-8578.	3.5	68

#	Article	IF	Citations
217	Synthesis and Evaluation of a Novel Class of G-Quadruplex-Stabilizing Small Molecules Based on the 1,3-Phenylene-Bis(piperazinyl benzimidazole) System. Biochemistry, 2009, 48, 10693-10704.	2.5	56
218	Mono- and dinuclear manganese(III) complexes showing efficient catechol oxidase activity: syntheses, characterization and spectroscopic studies. Dalton Transactions, 2009, , 8755.	3.3	115
219	Structure and properties of two component hydrogels comprising lithocholic acid and organic amines. Journal of Materials Chemistry, 2009, 19, 4325.	6.7	116
220	Twoâ€Component Hydrogels Comprising Fatty Acids and Amines: Structure, Properties, and Application as a Template for the Synthesis of Metal Nanoparticles. Chemistry - A European Journal, 2008, 14, 6534-6545.	3.3	202
221	Photophysical and Duplexâ€DNAâ€Binding Properties of Distamycin Dimers Based on 4,4â€²â€•and 2,2â€²â€Dialkoxyazobenzenes as the Core. Chemistry - an Asian Journal, 2008, 3, 1949-1961.	3.3	13
222	Gene Transfection Efficacies of Novel Cationic Gemini Lipids Possessing Aromatic Backbone and Oxyethylene Spacers. Biomacromolecules, 2008, 9, 991-999.	5.4	49
223	Effect of the Nature of the Spacer on Gene Transfer Efficacies of Novel Thiocholesterol Derived Gemini Lipids in Different Cell Lines: A Structureâ€“Activity Investigation. Journal of Medicinal Chemistry, 2008, 51, 2533-2540.	6.4	82
224	Synthesis and properties of novel nanocomposites made of single-walled carbon nanotubes and low molecular mass organogels and their thermo-responsive behavior triggered by near IR radiation. Journal of Materials Chemistry, 2008, 18, 2593.	6.7	81
225	Structureâ^'Activity Investigation on the Gene Transfection Properties of Cardiolipin Mimicking Gemini Lipid Analogues. Bioconjugate Chemistry, 2008, 19, 1283-1300.	3.6	27
226	Catechol Oxidase Activity of a Series of New Dinuclear Copper(II) Complexes with 3,5-DTBC and TCC as Substrates: Syntheses, X-ray Crystal Structures, Spectroscopic Characterization of the Adducts and Kinetic Studies. Inorganic Chemistry, 2008, 47, 7083-7093.	4.0	176
227	Effect of the headgroup variation on the gene transfer properties of cholesterol based cationic lipids possessing ether linkage. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1222-1236.	2.6	56
228	Fluorescence and thermotropic studies of the interactions of PEI-cholesterol based PEI-chol lipopolymers with dipalmitoyl phosphatidylcholine membranes. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2225-2233.	2.6	15
229	Physical Gelation of Binary Mixtures of Hydrocarbons Mediated by n-Lauroyl-<scp>l</scp>-Alanine and Characterization of Their Thermal and Mechanical Properties. Journal of Physical Chemistry B, 2008, 112, 4918-4927.	2.6	60
230	Design, Synthesis, and DNA Binding Properties of Photoisomerizable Azobenzeneâ^'Distamycin Conjugates: An Experimental and Computational Study. Bioconjugate Chemistry, 2008, 19, 2332-2345.	3.6	32
231	Synthesis and Gene Transfection Efficacies of PEIâ^'Cholesterol-Based Lipopolymers. Bioconjugate Chemistry, 2008, 19, 1640-1651.	3.6	103
232	Medical Implications of Benzimidazole Derivatives as Drugs Designed for Targeting DNA and DNA Associated Processes. Current Medicinal Chemistry, 2008, 15, 1762-1777.	2.4	120
233	An Experimental and Computational Analysis on the Differential Role of the Positional Isomers of Symmetric Bis-2-(pyridyl)-1H-benzimidazoles as DNA Binding Agents. Journal of Organic Chemistry, 2007, 72, 1912-1923.	3.2	82
234	Resistivity Hysteresis of Ag₂S Nanocomposites. Journal of Physical Chemistry C, 2007, 111, 13410-13413.	3.1	18

#	Article	IF	Citations
235	Design, Synthesis, and in Vitro Gene Delivery Efficacies of Novel Cholesterol-Based Gemini Cationic Lipids and Their Serum Compatibility:Â A Structureâ^'Activity Investigation. Journal of Medicinal Chemistry, 2007, 50, 2432-2442.	6.4	116
236	Membrane-Forming Properties of Gemini Lipids Possessing Aromatic Backbone between the Hydrocarbon Chains and the Cationic Headgroup. Journal of Physical Chemistry B, 2007, 111, 13511-13519.	2.6	22
237	Synthesis, DNA Binding, andLeishmaniaTopoisomerase Inhibition Activities of a Novel Series of Anthra[1,2-d]imidazole-6,11-dione Derivatives. Journal of Medicinal Chemistry, 2007, 50, 2536-2540.	6.4	42
238	Molecular mechanism of physical gelation of hydrocarbons by fatty acid amides of natural amino acids. Tetrahedron, 2007, 63, 7334-7348.	1.9	124
239	Electrical and magnetic properties of cold compacted iron-doped zinc sulfide nanoparticles synthesized by wet chemical method. Chemical Physics Letters, 2007, 444, 319-323.	2.6	30
240	Metal-Ion-Mediated Tuning of Duplex DNA Binding by Bis(2-(2-pyridyl)-1H-benzimidazole). Chemistry - an Asian Journal, 2007, 2, 648-655.	3.3	15
241	Synthesis and Gene Transfer Activities of Novel Serum Compatible Cholesterol-Based Gemini Lipids Possessing Oxyethylene-Type Spacers. Bioconjugate Chemistry, 2007, 18, 1537-1546.	3.6	77
242	Membrane-Forming Properties of Pseudoglyceryl Backbone Based Gemini Lipids Possessing Oxyethylene Spacers. Journal of Physical Chemistry B, 2007, 111, 2463-2472.	2.6	29
243	Thermotropic and Hydration Studies of Membranes Formed from Gemini Pseudoglyceryl Lipids Possessing Polymethylene Spacers. Langmuir, 2007, 23, 8988-8994.	3.5	19
244	Effect of the Hydrocarbon Chain and Polymethylene Spacer Lengths on Gene Transfection Efficacies of Gemini Lipids Based on Aromatic Backbone. Bioconjugate Chemistry, 2007, 18, 2144-2158.	3.6	41
245	Kinetic and Thermodynamic Acidity of [Cp(NO)(PPh3)Re(2,5-dimethyl-3-thienyl)carbene]+. Transition State Imbalance and Intrinsic Barriersâ€. Organometallics, 2006, 25, 4322-4330.	2.3	10
246	Synthesis of novel dimeric cationic lipids based on an aromatic backbone between the hydrocarbon chains and headgroup. Tetrahedron Letters, 2006, 47, 8401-8405.	1.4	13
247	Modulation of Viscoelastic Properties of Physical Gels by Nanoparticle Doping: Influence of the Nanoparticle Capping Agent. Angewandte Chemie - International Edition, 2006, 45, 2934-2937.	13.8	159
248	Advances in Molecular Hydrogels. , 2006, , 613-647.		4
249	Unusual micellar properties of multiheaded cationic surfactants in the presence of strong charge neutralizing salts. Journal of Colloid and Interface Science, 2005, 282, 156-161.	9.4	15
250	Remarkably facile Heck and Suzuki reactions in water using a simple cationic surfactant and ligand-free palladium catalysts. Tetrahedron Letters, 2005, 46, 3557-3560.	1.4	96
251	Recent advances in lipid molecular design. Current Opinion in Chemical Biology, 2005, 9, 647-655.	6.1	27
252	Palladium-Catalyzed Alkynylation of Aryl Halides (Sonogashira Reaction) in Water.. ChemInform, 2005, 36, no.	0.0	0

#	Article	IF	Citations
253	Remarkably Facile Heck and Suzuki Reactions in Water Using a Simple Cationic Surfactant and Ligand-Free Palladium Catalysts.. ChemInform, 2005, 36, no.	0.0	0
254	Synthesis and Antibacterial Properties of Novel Hydrolyzable Cationic Amphiphiles. Incorporation of Multiple Head Groups Leads to Impressive Antibacterial Activity. Journal of Medicinal Chemistry, 2005, 48, 3823-3831.	6.4	202
255	Microcalorimetric and Conductivity Studies with Micelles Prepared from Multi-Headed Pyridinium Surfactantsâ€. Langmuir, 2005, 21, 5747-5751.	3.5	33
256	A Tetrameric Sugar-Based Azobenzene That Gels Water at Various pH Values and in the Presence of Salts. Journal of Organic Chemistry, 2005, 70, 6574-6582.	3.2	80
257	Ester Cleavage Properties of Synthetic Hydroxybenzotriazoles in Cationic Monovalent and Gemini Surfactant Micelles. Langmuir, 2005, 21, 71-78.	3.5	74
258	Effect of Heteroatom Insertion at the Side Chain of 5-Alkyl-1H-tetrazoles on Their Properties as Catalysts for Ester Hydrolysis at Neutral pH. Journal of Organic Chemistry, 2005, 70, 9677-9685.	3.2	29
259	Phospholipids with fatty acid chains containing aromatic units at various depths. Arkivoc, 2005, 2002, 116-125.	0.5	5
260	Small-angle neutron scattering study of aggregate structures of multi-headed pyridinium surfactants in aqueous solution. Pramana - Journal of Physics, 2004, 63, 303-307.	1.8	2
261	Palladium catalyzed alkynylation of aryl halides (Sonogashira reaction) in water. Tetrahedron Letters, 2004, 45, 8733-8736.	1.4	96
262	Thermodynamics of Micellization of Multiheaded Single-Chain Cationic Surfactantsâ€. Langmuir, 2004, 20, 7940-7947.	3.5	93
263	Cationic Oxyethylene Lipids. Synthesis, Aggregation, and Transfection Properties. Bioconjugate Chemistry, 2004, 15, 508-519.	3.6	39
264	Aggregation Properties of Novel Cationic Surfactants with Multiple Pyridinium Headgroups. Small-Angle Neutron Scattering and Conductivity Studies. Journal of Physical Chemistry B, 2004, 108, 11406-11411.	2.6	39
265	Physical Organic Chemistry of Transition Metal Carbene Complexes. 29.â€Kinetics of Reactions of [Ethoxy(phenyl)carbene]pentacarbonylchromium(0) and [Ethoxy(phenyl)(Cr(CO)3)carbene]pentacarbonylchromium(0) with Water, OH-, and Amines. Mechanistic Changes Induced by the Cr(CO)3Group. Organometallics, 2004, 23, 1722-1729.	2.3	12
266	Efficient Conjugation and Characterization of Distamycin-Based Peptides with Selected Oligonucleotide Stretches. Bioconjugate Chemistry, 2004, 15, 520-529.	3.6	24
267	Computational Study on Hydroxybenzotriazoles as Reagents for Ester Hydrolysis. Journal of Organic Chemistry, 2004, 69, 8634-8642.	3.2	41
268	Evidence of Enhanced Reactivity of DAAP Nucleophiles toward Dephosphorylation and Deacylation Reactions in Cationic Gemini Micellar Media. Journal of Organic Chemistry, 2004, 69, 559-562.	3.2	64
269	Synthesis of gold nanoparticles stabilised by metal-chelator and the controlled formation of close-packed aggregates by them. Journal of Chemical Sciences, 2003, 115, 613-619.	1.5	27
270	Physical Organic Chemistry of Transition Metal Carbene Complexes. 27. Substituent Effects on the Nucleophilic Substitution of [Aryl(thiomethyl)carbene]pentacarbonylchromium(0) Complexes by Amines in Aqueous Acetonitrile. Organometallics, 2003, 22, 1310-1313.	2.3	17

#	Article	IF	Citations
271	Membrane-Forming Properties of Cationic Lipids Bearing Oxyethylene-Based Linkages. Journal of Physical Chemistry B, 2003, 107, 3719-3725.	2.6	23
272	Synthesis and Characterization of Novel Cationic Lipid and Cholesterol-Coated Gold Nanoparticles and Their Interactions with Dipalmitoylphosphatidylcholine Membranes. Langmuir, 2003, 19, 4439-4447.	3.5	43
273	Physical Organic Chemistry of Transition Metal Carbene Complexes. 26.â€Kinetics and Mechanism of the Reactions of [Phenyl(thiomethyl)carbene]pentacarbonylchromium(0) with Amines in Aqueous Acetonitrile. Organometallics, 2003, 22, 426-433.	2.3	17
274	Reactions That Generate Aromatic Molecules:Â Is Aromatic Stabilization Less or More Advanced than Bond Changes at the Transition State? Kinetic and Thermodynamic Acidities of Rhenium Carbene Complexesâ€. Journal of the American Chemical Society, 2003, 125, 12328-12336.	13.7	23
275	Synthesis of New Cu(II)-Chelating Ligand Amphiphiles and Their Esterolytic Properties in Cationic Micelles. Journal of Organic Chemistry, 2003, 68, 2741-2747.	3.2	73
276	A new ratiometric fluorescence probe as strong sensor of surface charge of lipid vesicles and micelles. FEBS Letters, 2003, 541, 132-136.	2.8	38
277	Characterization of vesicles from ion-paired gemini surfactants by small angle neutron scattering. Physical Chemistry Chemical Physics, 2003, 5, 907-910.	2.8	12
278	First report of Zn2+ sensing exclusively at mesoscopic interfacesElectronic supplementary information (ESI) available: additional Figs. 1â€“3. See http://www.rsc.org/suppdata/cc/b3/b301364b/. Chemical Communications, 2003, , 1158-1159.	4.1	46
279	2-Halooxyethylene ethers of cholesterol as novel single component, room temperature cholesteric LC materials. Molecular Crystals and Liquid Crystals, 2002, 381, 33-41.	0.9	5
280	DNA Binding Properties of Novel Dansylated Distamycin Analogues in Which the Fluorophore is Directly Conjugated to the N-methyl-pyrrole Carboxamide Backbone. Journal of Biomolecular Structure and Dynamics, 2002, 19, 935-945.	3.5	3
281	Advantage of the Ether Linkage between the Positive Charge and the Cholesteryl Skeleton in Cholesterol-Based Amphiphiles as Vectors for Gene Delivery. Bioconjugate Chemistry, 2002, 13, 378-384.	3.6	73
282	Distamycin Analogues without Leading Amide at Their N-Termini â˜' Comparative Binding Properties to AT- and GC-Rich DNA Sequences. European Journal of Organic Chemistry, 2002, 2002, 3604-3615.	2.4	32
283	Synthesis of novel cationic lipids with fully or partially non-scissile linkages between the hydrocarbon chains and pseudoglyceryl backbone. Journal of Chemical Sciences, 2002, 114, 197-201.	1.5	2
284	SANS study of micellar aggregation of multi-headed surfactants. Applied Physics A: Materials Science and Processing, 2002, 74, s352-s354.	2.3	6
285	Molecular design of surfactants to tailor its aggregation properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 205, 119-126.	4.7	24
286	Twisted aromatics, 9-anthryl and 1-pyrenyl terpyridines organize into novel multi-directional â€˜ladder-likeâ€™ motifs in the solid state. Journal of Molecular Structure, 2002, 616, 103-112.	3.6	22
287	Synthesis of novel phosphatidylcholine lipids with fatty acid chains bearing aromatic units. Generation of oxidatively stable, fluid phospholipid membranes. Tetrahedron Letters, 2002, 43, 4203-4206.	1.4	16
288	Vesicle Formation from Oligo(oxyethylene)-Bearing Cholesteryl Amphiphiles:â€‰ Site-Selective Effects of Oxyethylene Units on the Membrane Order and Thickness. Langmuir, 2001, 17, 2067-2075.	3.5	27

#	Article	IF	Citations
289	Role of Incorporation of Multiple Headgroups in Cationic Surfactants in Determining Micellar Properties. Small-Angle-Neutron-Scattering and Fluorescence Studies. Journal of Physical Chemistry B, 2001, 105, 12803-12808.	2.6	49
290	Incorporation of oxyethylene units between hydrocarbon chain and pseudoglyceryl backbone in cationic lipid potentiates gene transfection efficiency in the presence of serum. FEBS Letters, 2001, 509, 327-331.	2.8	30
291	DNA recognition by the first tail-to-tail linked distamycin-like oligopeptide dimers. Chemical Communications, 2001, , 1464-1465.	4.1	11
292	Unusual DNA Binding Exhibited by Synthetic Distamycin Analogues Lacking theN-terminal Amide Unit underHigh Salt Conditions. Journal of Biomolecular Structure and Dynamics, 2001, 18, 858-871.	3.5	5
293	Thermal Lipid Orderâ^'Disorder Transitions in Mixtures of Cationic Cholesteryl Lipid Analogues and Dipalmitoyl Phosphatidylcholine Membranes. Journal of Physical Chemistry B, 2001, 105, 10257-10265.	2.6	27
294	First report of phase selective gelation of oil from oil/water mixtures. Possible implications toward containing oil spills. Chemical Communications, 2001, , 185-186.	4.1	331
295	Structure of cholest-5-en-3Î²-oxy-5-bromopentane by single-crystal X-ray diffraction at 130 K. Journal of Molecular Structure, 2001, 560, 345-355.	3.6	5
296	Novel distamycin analogues: facile synthesis of cholesterol conjugates of distamycin-like oligopeptides. Tetrahedron Letters, 2001, 42, 3499-3502.	1.4	4
297	Facile synthesis of novel fluorescent distamycin analogues. Tetrahedron Letters, 2001, 42, 5525-5528.	1.4	8
298	Molecular Modulation of Surfactant Aggregation in Water: Effect of the Incorporation of Multiple Headgroups on Micellar Properties. Angewandte Chemie - International Edition, 2001, 40, 1228-1232.	13.8	76
299	Small-angle X-ray scattering from micellar solutions of gemini surfactants. Chemical Physics Letters, 2000, 329, 336-340.	2.6	25
300	Ethyl 2-[N-(tert-butyloxycarbonyl)-L-alanylamino]-4-methyl-1,3-thiazole-5-carboxylate reveals atransorientation of the preceding amide Nâ€"H with respect to the thiazole-ring sulfur. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1482-1483.	0.4	1
301	Facile synthesis of oligopeptide distamycin analogs devoid of hydrogen bond donors or acceptors at the N-terminus: sequence-specific duplex DNA binding as a function of peptide chain length. Tetrahedron Letters, 2000, 41, 5571-5575.	1.4	33
302	Synthesis of a novel thiazole based dipeptide chemosensor for Cu(II) in water. Tetrahedron Letters, 2000, 41, 10313-10317.	1.4	76
303	DNA Binding Properties of Novel Distamycin Analogs That Lack the Leading Amide Unit at the N-Terminus. Biochemical and Biophysical Research Communications, 2000, 267, 139-144.	2.1	27
304	Interactions between cholesterol and lipids in bilayer membranes. Role of lipid headgroup and hydrocarbon chainâ€"backbone linkage. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1467, 39-53.	2.6	158
305	Nature of linkage between the cationic headgroup and cholesteryl skeleton controls gene transfection efficiency. FEBS Letters, 2000, 473, 341-344.	2.8	121
306	Thermal Lipid Orderâ^'Disorder Transitions in Complexes of Various Disulfide Tethered Macrocyclic Diacylglycerol Analogues and Dipalmitoyl Phosphatidyl Choline. Role of Diacylglycerol Chain Motions. Langmuir, 2000, 16, 9729-9737.	3.5	2

#	Article	IF	Citations
307	Vesicle and Tubular Microstructure Formation from Synthetic Sugar-Linked Amphiphiles. Evidence of Vesicle Formation from Single-Chain Amphiphiles Bearing a Disaccharide Headgroupâ€. Langmuir, 2000, 16, 87-97.	3.5	74
308	Novel organic porous solids with channel and layered structures from 1,3,5-triazine-2,4,6-triaminehexaacetic acid and its calcium salt. Chemical Communications, 2000, , 1351-1352.	4.1	25
309	Micellar structures of dimeric surfactants with phosphate head groups and wettable spacers: A small-angle neutron scattering study. Physical Review E, 1999, 59, 3116-3122.	2.1	21
310	Synthesis of novel cationic lipids with oxyethylene spacers at the linkages between hydrocarbon chains and pseudoglyceryl backbone. Tetrahedron Letters, 1999, 40, 8167-8171.	1.4	17
311	Structure of 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorodecyl 1,10-ditosylate by X-ray crystallography and 19 F-NMR spectroscopy. Journal of Molecular Structure, 1999, 479, 75-81.	3.6	3
312	Characterization of new gemini surfactant micelles with phosphate headgroups by SANS and fluorescence spectroscopy. Chemical Physics Letters, 1999, 303, 295-303.	2.6	27
313	Synthesis and Vesicle Formation from Dimeric Pseudoglyceryl Lipids with (CH2)m Spacers: Pronounced m-Value Dependence of Thermal Properties, Vesicle Fusion, and Cholesterol Complexation. Chemistry - A European Journal, 1999, 5, 2335-2347.	3.3	67
314	Impressive Gelation in Organic Solvents by Synthetic, Low Molecular Mass, Self-Organizing Urethane Amides of l-Phenylalanine. Chemistry of Materials, 1999, 11, 3121-3132.	6.7	99
315	Vesicle Formation from Dimeric Ion-Paired Amphiphiles. Control over Vesicular Thermotropic and Ion-Transport Properties as a Function of Intra-amphiphilic Headgroup Separationâ€. Langmuir, 1999, 15, 3400-3410.	3.5	78
316	Pronounced Hydrogel Formation by the Self-Assembled Aggregates ofN-Alkyl Disaccharide Amphiphiles. Chemistry of Materials, 1999, 11, 3504-3511.	6.7	137
317	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1998, 30, 321-330.	1.6	8
318	Transition from disc to rod-like shape of 16-3-16 dimeric micelles in aqueous solutions. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 2965-2967.	1.7	28
319	Synthesis and Vesicle Formation from Hybrid Bolaphile/Amphiphile Ion-Pairs. Evidence of Membrane Property Modulation by Molecular Design. Journal of Organic Chemistry, 1998, 63, 7640-7651.	3.2	59
320	Novel Gemini Micelles from Dimeric Surfactants with Oxyethylene Spacer Chain. Small Angle Neutron Scattering and Fluorescence Studies. Journal of Physical Chemistry B, 1998, 102, 6152-6160.	2.6	104
321	Synthesis of Some Copper(II)-Chelating (Dialkylamino)pyridine Amphiphiles and Evaluation of Their Esterolytic Capacities in Cationic Micellar Media. Journal of Organic Chemistry, 1998, 63, 27-35.	3.2	65
322	Synthesis of Macrocyclic Diacyl/Dialkyl Glycerols Containing Disulfide Tether and Studies of Their Effects upon Incorporation in DPPC Membranes. Implications in the Design of Phospholipase A2 Modulators. Journal of Organic Chemistry, 1998, 63, 9232-9242.	3.2	12
323	Evidence of Interlipidic Ion-Pairing in Anion-Induced DNA Release from Cationic Amphiphileâ^'DNA Complexes. Mechanistic Implications in Transfectionâ€. Biochemistry, 1998, 37, 7764-7777.	2.5	133
324	Small-angle neutron scattering study of micellar structures of dimeric surfactants. Physical Review E, 1998, 57, 776-783.	2.1	55

#	Article	IF	Citations
325	Electroactive Deposits of Anthraquinone-Attached Micelle- and Vesicle-Forming Surfactant Assemblies on Glassy Carbon Surfaces. Langmuir, 1997, 13, 153-160.	3.5	10
326	Synthesis and vesicle formation from novel pseudoglyceryl dimeric lipids. Evidence of formation of widely different membrane organizations with exceptional thermotropic properties. Chemical Communications, 1997, , 2287-2288.	4.1	57
327	Esterolytic Reactivities of (Dialkylamino)pyridine Amphiphiles Solubilized in Different Pseudo-Three-Component Cationic Microemulsions. Langmuir, 1997, 13, 378-384.	3.5	27
328	Evidence for the Formation of Acylated or Phosphorylated Monoperoxyphthalates in the Catalytic Esterolytic Reactions in Cationic Surfactant Aggregates. Journal of Organic Chemistry, 1997, 62, 2198-2204.	3.2	40
329	Small-Angle Neutron Scattering Studies of Different Mixed Micelles Composed of Dimeric and Monomeric Cationic Surfactants. Journal of Physical Chemistry B, 1997, 101, 5639-5645.	2.6	75
330	Role of the Central Metal Ion and Ligand Charge in the DNA Binding and Modification by Metallosalen Complexes. Bioconjugate Chemistry, 1997, 8, 798-812.	3.6	83
331	Interaction of surfactants with DNA. Role of hydrophobicity and surface charge on intercalation and DNA melting. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1323, 29-44.	2.6	120
332	Systematic Crystallographic Investigation of Hydrogen-Bonded Networks Involving Monohydrogen Tartrateâ˜Amine Complexes:Â Potential Materials for Nonlinear Opticsâ€–. Chemistry of Materials, 1996, 8, 2313-2323.	6.7	18
333	Exceptional adhesive and gelling properties of fibrous nanoscopic tapes of self-assembled bipolar urethane amides of L-phenylalanine. Chemical Communications, 1996, , 2101.	4.1	57
334	Exceptionally long crystal formation from 4-(3-bromopropyloxy)salicylaldehyde. X-Ray crystallographic investigation. Chemical Communications, 1996, , 2725.	4.1	6
335	Role of Spacer Chain Length in Dimeric Micellar Organization. Small Angle Neutron Scattering and Fluorescence Studies. The Journal of Physical Chemistry, 1996, 100, 11664-11671.	2.9	258
336	The effects of cholesterol inclusion on the vesicular membranes of cationic lipids. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1283, 21-30.	2.6	66
337	DNA cleavage by intercalatable cobaltâ€“bispicolylamine complexes activated by visible light. Chemical Communications, 1996, , 1515-1516.	4.1	62
338	Dialkylaminopyridine catalysed esterolysis of p-nitrophenyl alkanoates in different cationic microemulsions. Journal of the Chemical Society Perkin Transactions II, 1996, , 2021.	0.9	18
339	Modulation of vesicular properties by variation of shapes of bolaform counter ions in hybrid-ion paried surfactants. Chemical Communications, 1996, , 1283.	4.1	27
340	Synthesis, redox and electrochemical properties of new anthraquinone-attached micelle- and vesicle-forming cationic amphiphiles. Journal of the Chemical Society Perkin Transactions II, 1996, , 2027.	0.9	9
341	Synthesis of novel disulfide containing macrocyclic diacylglycerols. Tetrahedron Letters, 1996, 37, 5769-5772.	1.4	14
342	Metal-ion-dependent oxidative DNA cleavage by transition metal complexes of a new water-soluble salen derivative. Journal of Inorganic Biochemistry, 1996, 63, 265-272.	3.5	55

#	Article	IF	Citations
343	Surfactant lipids containing aromatic units produce vesicular membranes with high thermal stability. Chemistry and Physics of Lipids, 1995, 78, 177-188.	3.2	29
344	Formation of gel and fibrous microstructures by 1-alkyne amphiphiles bearing l-serine headgroup in organic solvents. Chemistry and Physics of Lipids, 1995, 77, 13-23.	3.2	42
345	Synthesis and Esterolytic Chemistry of Some (Dialkylamino)pyridine-Functionalized Micellar Aggregates. Evidence of Catalytic Turnover. Langmuir, 1995, 11, 4653-4660.	3.5	52
346	Synthesis, Thermotropic Behavior, and Permeability Properties of Vesicular Membranes Composed of Cationic Mixed-Chain Surfactants. Langmuir, 1995, 11, 4748-4757.	3.5	59
347	Vesicle formation from dimeric surfactants through ion-pairing. Adjustment of polar headgroup separation leads to control over vesicular thermotropic properties. Journal of the Chemical Society Chemical Communications, 1995, , 651.	2.0	45
348	Ambient oxygen activating water soluble cobaltâ€“salen complex for DNA cleavage. Journal of the Chemical Society Chemical Communications, 1995, , 2489-2490.	2.0	58
349	Hydrogen-bond-directed self-assembly of D-(+)-dibenzoyltartaric acid and 4-aminopyridine: optical nonlinearities and stoichiometry-dependent novel structural features. Chemistry of Materials, 1994, 6, 531-537.	6.7	67
350	Control of lipid microstructures by molecular design and its implications. Journal of Chemical Sciences, 1994, 106, 1253-1258.	1.5	0
351	Binary salts of substituted pyridines andL-tartaric acid as nonlinear optical organic materials: crystal structure ofL-tartaric acidâ€“4-dimethylaminopyridine (1:1) dihydrate salt. Journal of the Chemical Society Perkin Transactions II, 1993, , 2419-2422.	0.9	34
352	A new photo-crosslinking reagent for the study of protein-protein interactions. Journal of Organic Chemistry, 1993, 58, 7598-7601.	3.2	20
353	Palmitoylation of bovine opsin and its cysteine mutants in COS cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 40-44.	7.1	154
354	Imidazole mediated acylation of cholesterol in functional vesicles: A simple analogue of lecithin:cholesterol acyltransferase. Tetrahedron Letters, 1989, 30, 4905-4908.	1.4	5
355	Chemical differentiation of bilayer surfaces in functional dialkylammonium ion vesicles: observation of surfactant flip-flop. Journal of the American Chemical Society, 1989, 111, 3680-3687.	13.7	30
356	An imidazole-functionalized phosphatidylcholine derivative: nucleophilic vesicles with adjustable reactivity. Journal of the American Chemical Society, 1987, 109, 6209-6210.	13.7	17
357	Surface-specific cleavage of a cationic carbonate-functionalized vesicular surfactant. Journal of the American Chemical Society, 1987, 109, 5740-5744.	13.7	21
358	A convenient preparation of 1,2-diacylglycerols; -iodobenzoyl as a protecting group. Tetrahedron Letters, 1987, 28, 5005-5008.	1.4	8
359	Vascular Endothelial Growth Factor Receptor-1 Modulates Hypoxia-Mediated Endothelial Senescence and Cellular Membrane Stiffness via YAP-1 Pathways. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	2