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Sl. No.	Authors	Paper Title	Journal Name	Year	Vol.	Issue Number (If any)	Starting Page	Ending Page
1	Tarai A., Baruah J.B.	Changing π -Interactions and Conformational Adjustments of N-(Isonicotinylhydrazide)-1,8-naphthalimide by Hydration and Complexation Affect Photophysical Properties	Crystal Growth and Design	2018	18	1	456	465
2	Tarai A., Baruah J.B.	Different self-assemblies and absorption-emission properties of the picrate salts of aromatic amine or heterocycle linked oximes	New Journal of Chemistry	2018	42	6	4757	4765
3	Shankar K., Singh M.P., Baruah J.B.	Extent of protonation of 4,4'-bipyridinium cations and nature of host influences the amount of guest intake by cobalt(II) 2,6-pyridinedicarboxylate	Inorganica Chimica Acta	2018	469		440	446
4	Singh M.P., Phukan N., Baruah J.	Emission of Pyrene Connected to Benzothiazole Unit via Resonance and Intramolecular Charge Transfer	ChemistrySelect	2018	3	3	963	967
5	Singh M.P., Baruah J.B.	Stable host-guest complexes of bis-2,6-pyridinedicarboxylate iron(III) with dihydroxybenzenes	Polyhedron	2017	138		103	108
6	Singh M.P., Baruah J.B.	Modulation of dual fluorescence modes and emissions of 2-(1,4-dioxo-1,4-dihydro-naphthalen-2-yl-amino)benzoic acid	Journal of Molecular Structure	2017	1149		315	322
7	Shankar K., Baruah J.B.	A stable peroxo- and hydroxido-bridged dinuclear cobalt(III) ethylenediamine 2,4-dinitrophenolate complex	Inorganic Chemistry Communications	2017	84		45	48
8	Singh M.P., Baruah J.B.	Dual Modes and Dual Emissions of an Amino-Naphthoquinone Derivative	Journal of Fluorescence	2017	27	5	1923	1928
9	Tarai A., Mandal T., Baruah J.B.	While deprotonating 1-(4-nitrophenyl)-3-((pyridin-4-yl)methyl)thiourea by tetrabutylammonium fluoride also provides a means for etching of glass	Inorganica Chimica Acta	2017	464		108	113
10	Tarai A., Baruah J.B.	Conformation and visual distinction between urea and thiourea derivatives by an acetate ion and a hexafluorosilicate cocrystal of the urea derivative in the detection of water in dimethylsulfoxide	ACS Omega	2017	2	10	6991	7001
11	Tarai A., Baruah J.B.	Competing phenol-imidazole and phenol-phenol interactions in the flexible supramolecular environment of: N, N'-bis(3-imidazol-1-ylpropyl)naphthalenediimide causing domain expansion	New Journal of Chemistry	2017	41	19	10750	10760
12	Tarai A., Baruah J.B.	Resonance Energy Transfer Emission Observed in Cocrystal of N,N'-Bis(3-imidazol-1-ylpropyl)naphthalenediimide with Cinnamic Acid	ChemistrySelect	2017	2	31	10101	10106

13	Tarai A., Baruah J.B.	Inclusion of 2,4-Dihydroxybenzaldehyde and 2,4-Dihydroxybenzaloxime in Cadmium Coordination Polymer and Conversion of Guest Aldehyde to Oxime	ChemistrySelect	2017	2	35	11482	11486
14	Shankar K., Mondal A., Li Y., Journaux Y., Baruah J.B.	Hydroxide-Bridged Mixed-Valence Tetranuclear Cobalt 4-Nitrophenol Inclusion Complex Showing Single Molecule Magnet Property	ChemistrySelect	2017	2	26	7792	7798
15	Chatterjee B., Ghoshal A., Chattopadhyay A., Ghosh S.S.	DGTP-Templated Luminescent Gold Nanocluster-Based Composite Nanoparticles for Cancer Theranostics	ACS Biomaterials Science and Engineering	2018	4	3	1005	1012
16	Sailapu S.K., Dutta D., Sahoo A.K., Ghosh S.S., Chattopadhyay A.	Single Platform for Gene and Protein Expression Analyses Using Luminescent Gold Nanoclusters	ACS Omega	2018	3	2	2119	2129
17	Sahoo A.K., Sailapu S.K., Dutta D., Banerjee S., Ghosh S.S., Chattopadhyay A.	DNA-Templated Single Thermal Cycle Based Synthesis of Highly Luminescent Au Nanoclusters for Probing Gene Expression	ACS Sustainable Chemistry and Engineering	2018	6	2	2142	2151
18	Dutta D., Sailapu S.K., Chattopadhyay A., Ghosh S.S.	Phenylboronic Acid Templated Gold Nanoclusters for Mucin Detection Using a Smartphone-Based Device and Targeted Cancer Cell Theranostics	ACS Applied Materials and Interfaces	2018	10	4	3210	3218
19	Goswami U., Dutta A., Raza A., Kandimala R., Kalita S., Ghosh S.S., Chattopadhyay A.	Transferrin-Copper Nanocluster-Doxorubicin Nanoparticles as Targeted Theranostic Cancer Nanodrug	ACS Applied Materials and Interfaces	2018	10	4	3282	3294
20	Basu S., Goswami U., Paul A., Chattopadhyay A.	Crystalline assembly of gold nanoclusters for mitochondria targeted cancer theranostics	Journal of Materials Chemistry B	2018	6	11	1650	1657
21	Pal A., Natu G., Ahmad K., Chattopadhyay A.	Phosphorus induced crystallinity in carbon dots for solar light assisted seawater desalination	Journal of Materials Chemistry A	2018	6	9	4111	4118
22	Dutta A., Chattopadhyay A.	Surface and Tip-Enhanced Raman Spectroscopy at the Plasmonic Hot Spot of a Coordination Complex-Conjugated Gold Nanoparticle Dimer	Journal of Physical Chemistry C	2017	121	34	18854	18861
23	Roy S., Pramanik S., Bhandari S., Chattopadhyay A.	Surface complexed ZnO quantum dot for white light emission with controllable chromaticity and color temperature	Langmuir	2017	33	51	14627	14633
24	Pramanik S., Bhandari S., Chattopadhyay A.	Zinc quinolate complex decorated CuInS ₂ /ZnS core/shell quantum dots for white light emission	Journal of Materials Chemistry C	2017	5	29	7291	7296
25	Basu S., Paul A., Chattopadhyay A.	Zinc-Coordinated Hierarchical Organization of Ligand-Stabilized Gold Nanoclusters for Chiral Recognition and Separation	Chemistry - A European Journal	2017	23	38	9137	9143
26	Goswami U., Basu S., Paul A., Ghosh S.S.,	White light emission from gold nanoclusters embedded bacteria	Journal of Materials Chemistry C	2017	5	47	12360	12364

	Chattopadhyay A.							
27	Gattu R., Bagdi P.R., Basha R.S., Khan A.T.	Camphorsulfonic Acid Catalyzed One-Pot Three-Component Reaction for the Synthesis of Fused Quinoline and Benzoquinoline Derivatives	Journal of Organic Chemistry	2017	82	23	12416	12429
28	Bhat S.A., Dar A.A., Ahmad S., Khan A.T.	Structural, vibrational and NMR spectroscopic investigations of newly synthesized 3-((ethylthio)(4-nitrophenyl)methyl)-1H-indole	Journal of Molecular Structure	2017	1145		94	101
29	Belal M., Khan A.T.	PTSA.H ₂ O-Catalyzed Reaction of 3-Aminocoumarins and Phenylacetaldehydes: A Route to Access Various Pyrido(2,3-c)coumarin Derivatives	ChemistrySelect	2017	2	32	10501	10504
30	Mahato K., Bagdi P.R., Khan A.T.	K ₂ CO ₃ catalyzed regioselective synthesis of thieno[2,3-b] thiochromen-4-one oximes: Access to the corresponding amine and nitroso derivatives	Organic and Biomolecular Chemistry	2017	15	26	5625	5634
31	Ali W., Dahiya A., Patel B.K.	Cascade Synthesis of Dihydrobenzofurans and Aurones via Palladium-Catalyzed Isocyanides Insertion into 2-Halophenoxy Acrylates	Advanced Synthesis and Catalysis	2018	360	6	1232	1239
32	Mandal A., Patel B.K.	Supramolecular features of 2-(chlorophenyl)-3-[(chlorobenzylidene)-amino]-2,3-dihydroquinazolin-4(1H)-ones: A combined experimental and computational study	Journal of Molecular Structure	2018	1155		78	89
33	Dahiya A., Ali W., Patel B.K.	Catalyst and Solvent Free Domino Ring Opening Cyclization: A Greener and Atom Economic Route to 2-Iminothiazolidines	ACS Sustainable Chemistry and Engineering	2018	6	3	4272	4281
34	Joychandra Singh S., Ahmad Mir B., Patel B.K.	A TBPB-Mediated C-3 Cycloalkylation and Formamidation of 4-Arylcoumarin	European Journal of Organic Chemistry	2018	2018	8	1026	1033
35	Sau P., Rakshit A., Modi A., Behera A., Patel B.K.	Three Sequential C-N Bond Formations: Tert-Butyl Nitrite as a N1 Synthon in a Three Component Reaction Leading to Imidazo[1,2-a]quinolines and Imidazo[2,1-a]isoquinolines	Journal of Organic Chemistry	2018	83	2	1056	1064
36	Modi A., Sau P., Patel B.K.	Base-Promoted Synthesis of Quinoline-4(1H)-thiones from o-Alkynylanilines and Aroyl Isothiocyanates	Organic Letters	2017	19	22	6128	6131
37	Mandal A., Patel B.K.	Rationalization of weak interactions in two fluorescence active imidazo-[1,5-a]-pyridine derivatives: A combined experimental and computational study	Journal of Molecular Structure	2017	1147		735	746
38	Sau P., Santra S.K., Rakshit A., Patel B.K.	Tert-Butyl Nitrite-Mediated Domino Synthesis of Isoxazolines and Isoxazoles from Terminal Aryl Alkenes and Alkynes	Journal of Organic Chemistry	2017	82	12	6358	6365
39	Mandal A., Patel B.K.	Molecular structures and fluorescence property of Zn(II), Cd(II) complexes of	Polyhedron	2017	132		112	122

		3-pyridyl-5-aryl-(1H)-1,2,4-triazoles						
40	De P.B., Pradhan S., Banerjee S., Punniyamurthy T.	Expedient cobalt(II)-catalyzed site-selective C7-arylation of indolines with arylboronic acids	Chemical Communications	2018	54	20	2494	2497
41	Kannan M., De P.B., Pradhan S., Punniyamurthy T.	Chiral Fe-Dendrimer-Catalyzed Domino Michael and Aldol Reactions of Chalcones with 1,4-Dithiane-2,5-diol	ChemistrySelect	2018	3	3	859	863
42	Mahesh D., Satheesh V., Kumar S.V., Punniyamurthy T.	Copper(II)-Catalyzed Oxidative Coupling of Anilines, Methyl Arenes, and TMSN ₃ via C(sp ³ /sp ²)-H Functionalization and C-N Bond Formation	Organic Letters	2017	19	24	6554	6557
43	Bag R., De P.B., Pradhan S., Punniyamurthy T.	Recent Advances in Radical Dioxygenation of Olefins	European Journal of Organic Chemistry	2017	2017	37	5424	5438
44	Pradhan S., De P.B., Punniyamurthy T.	Copper(II)-Mediated Chelation-Assisted Regioselective N-Naphthylation of Indoles, Pyrazoles and Pyrrole through Dehydrogenative Cross-Coupling	Journal of Organic Chemistry	2017	82	9	4883	4890
45	Arae S., Mori T., Kawatsu T., Ueda D., Shigeta Y., Hamamoto N., Fujimoto H., Sumimoto M., Imahori T., Igawa K., Tomooka K., Punniyamurthy T., Irie R.	Synthesis and stereochemical properties of chiral hetero[7]helicenes structured by a benzodiheterole ring core	Chemistry Letters	2017	46	8	1214	1216
46	Bag R., Sar D., Punniyamurthy T.	Aerobic Metal-Free Dioxygenation of Alkenes with tert-Butyl Nitrite and N-Hydroxylamines	ACS Omega	2017	2		6278	6290
47	Unnava R., Sahu A. K., Saikia A. K.	Intramolecular Pictet-Spengler Reaction of Cyclic Iminium ions: A Novel Access to Benzo[1,4] oxazepine Fused Tetrahydro isoquinoline and Tetrahydro- β -carboline Analogues	Asian Journal of Organic Chemistry	2017	6		1003	1007
48	Devi R. N., Behera B. K., Saikia A. K.	Stereo- and Regio-selective Synthesis of 4-Vinylpyrrolidine from N-tethered Alkyne-Alkenol	ACS Omega	2018	3		576	584
49	Bhalla P., Sultana S., Chiranjivi A. K., Saikia A. K., Dubey V. K.	Synthesis of Methyl 4-(7-hydroxy-4,4,8-trimethyl-3-oxabicyclo[3.3.1]nonan-2-yl)benzoate and their evaluation as anti-leishmanial: Synergistic effect with Miltefosine	Antimicrobial Agents and Chemotherapy	2018	62		e01810	e01817
50	Borah M., Saikia A. K.	FeCl ₃ -Mediated Carbenium Ion-Induced Intramolecular Cyclization of N-Tethered Alkyne-Benzyl Alkanols	Chemistry Select	2018	3		2162	2166
51	Behera N., Manivannan V.	Nanomolar Detection of Al(III) Ion by Hydrazones Carrying Benzothiazole and Substituted Phenol Groups	ChemistrySelect	2017	2		11048	11054
52	Bori J., Behera N., Mahata S.,	Synthesis of Imidazo[5, 1-a]isoquinoline and Its 3-Substituted Analogues	ChemistrySelect	2017	2		11727	11731

	Manivannan V.	Including the Fluorescent 3-(1-Isoquinoliny)imidazo[5,1-a]isoquinoline						
53	Behera N., Manivannan V.	A Probe for Multi Detection of Al ³⁺ , Zn ²⁺ and Cd ²⁺ Ions via Turn-On Fluorescence Responses	<i>J. Photochem. Photobiol. A</i>	2018	353		77	85
54	Singh R., Das G.	Fluorogenic detection of Hg ²⁺ and Ag ⁺ ions via two mechanistically discrete signal genres: A paradigm of differentially responsive metal ion sensing	Sensors and Actuators, B: Chemical	2018	258		478	483
55	Manna U., Halder S., Das G.	Ice-like Cyclic Water Hexamer Trapped within a Halide Encapsulated Hexameric Neutral Receptor Core: First Crystallographic Evidence of a Water Cluster Confined within a Receptor-Anion Capsular Assembly	Crystal Growth and Design	2018	18	3	1818	1825
56	Chauhan P., Dey P., Mukherjee S., Manna U., Das G., Ramesh A.	A Cytocompatible Zinc Oxide Nanocomposite Loaded with an Amphiphilic Arsenal for Alleviation of Staphylococcus Biofilm	ChemistrySelect	2018	3	9	2492	2497
57	Samanta S., Halder S., Dey P., Manna U., Ramesh A., Das G.	A ratiometric fluorogenic probe for the real-time detection of SO ₃ ²⁻ in aqueous medium: Application in a cellulose paper based device and potential to sense SO ₃ ²⁻ in mitochondria	Analyst	2018	143	1	250	257
58	Kapoor V., Rai R., Thiyagarajan D., Mukherjee S., Das G., Ramesh A.	A Nonbactericidal Zinc-Complexing Ligand as a Biofilm Inhibitor: Structure-Guided Contrasting Effects on Staphylococcus aureus Biofilm	ChemBioChem	2017	18	15	1502	1509
59	Manna U., Das G.	Anion binding consistency by influence of aromatic: Meta -disubstitution of a simple urea receptor: Regular entrapment of hydrated halide and oxyanion clusters	CrystEngComm	2017	19	37	5622	5634
60	Manna U., Kayal S., Samanta S., Das G.	Fixation of atmospheric CO ₂ as novel carbonate-(water) ₂ -carbonate cluster and entrapment of double sulfate within a linear tetrameric barrel of a neutral bis-urea scaffold	Dalton Transactions	2017	46	31	10374	10386
61	Gopi Kiran M., Pakshirajan K., Das G.	A new application of anaerobic rotating biological contactor reactor for heavy metal removal under sulfate reducing condition	Chemical Engineering Journal	2017	321		67	75
62	Manna U., Kayal S., Nayak B., Das G.	Systematic size mediated trapping of anions of varied dimensionality within a dimeric capsular assembly of a flexible neutral bis-urea platform	Dalton Transactions	2017	46	35	11956	11969
63	Thiyagarajan D., Das G., Ramesh A.	Amphiphilic Cargo-Loaded Nanocarrier Enhances Antibiotic Uptake and Perturbs Efflux: Effective Synergy for Mitigation of Methicillin-Resistant Staphylococcus aureus	ChemMedChem	2017	12	14	1125	1132
64	Subbarao N.V.V., Mandal S., Gedda	Effect of temperature on hysteresis of dipolar dielectric layer based organic	Sensors and Actuators, A: Physical	2018	269		491	499

	M., Iyer P.K., Goswami D.K.	field-effect transistors: A temperature sensing mechanism						
65	Singh A., Dey A., Iyer P.K.	Influence of molar mass ratio, annealing temperature and cathode buffer layer on power conversion efficiency of P3HT:PC71BM based organic bulk heterojunction solar cell	Organic Electronics: physics, materials, applications	2017	51		428	434
66	Raju T.B., Vaghasiya J.V., Afroz M.A., Soni S.S., Iyer P.K.	Twisted donor substituted simple thiophene dyes retard the dye aggregation and charge recombination in dye-sensitized solar cells	Organic Electronics: physics, materials, applications	2017	50		25	32
67	Malik A.H., Kalita A., Iyer P.K.	Development of Well-Preserved, Substrate-Versatile Latent Fingerprints by Aggregation-Induced Enhanced Emission-Active Conjugated Polyelectrolyte	ACS Applied Materials and Interfaces	2017	9	42	37501	37508
68	Ratha R., Singh A., Raju T.B., Iyer P.K.	Insight into the synthesis and fabrication of 5,6-alt-benzothiadiazole-based D- π - A-conjugated copolymers for bulk- heterojunction solar cell	Polymer Bulletin	2017				
69	Gupta A., Dhakate S.R., Pal P., Dey A., Iyer P.K., Singh D.K.	Effect of graphitization temperature on structure and electrical conductivity of poly-acrylonitrile based carbon fibers	Diamond and Related Materials	2017	78		31	38
70	Gopikrishna P., Das D., Adil L.R., Iyer P.K.	Saturated and Stable White Electroluminescence from Linear Single Polymer Systems Based on Polyfluorene and Mono-Substituted Dibenzofulvene Derivatives	Journal of Physical Chemistry C	2017	121	33	18137	18143
71	Sahu T.K., Arora S., Banik A., Iyer P.K., Qureshi M.	Efficient and Rapid Removal of Environmental Malignant Arsenic(III) and Industrial Dyes Using Reusable, Recoverable Ternary Iron Oxide - ORMOSIL - Reduced Graphene Oxide Composite	ACS Sustainable Chemistry and Engineering	2017	5	7	5912	5921
72	Vasimalla S., Subbarao N.V.V., Gedda M., Goswami D.K., Iyer P.K.	Effects of Dielectric Material, HMDS Layer, and Channel Length on the Performance of the Perylenediimide- Based Organic Field-Effect Transistors	ACS Omega	2017	2	6	2552	2560
73	Meher N., Iyer P.K.	Pendant chain engineering to fine-tune the nanomorphologies and solid state luminescence of naphthalimide AIEEgens: Application to phenolic nitro- explosive detection in water	Nanoscale	2017	9	22	7674	7685
74	Sharma B., Singh A., Afroz M.A., Iyer P.K., Jacob J.	Direct arylation polymerization approach for the synthesis of narrow band gap cyclopentadithiophene based conjugated polymer and its application in solar cell devices	Synthetic Metals	2017	226		56	61
75	Gopikrishna P., Das D., Iyer P.K.	Color Tunable Donor-Acceptor Electroluminescent Copolymers: Synthesis, Characterization, Photophysical Properties and PLED Fabrication	ChemistrySelect	2017	2	24	7044	7049

76	Singh A., Dey A., Das D., Iyer P.K.	Combined influence of plasmonic metal nanoparticles and dual cathode buffer layers for highly efficient rrP3HT:PCBM-based bulk heterojunction solar cells	Journal of Materials Chemistry C	2017	5	26	6578	6587
77	Das D., Gopikrishna P., Singh A., Dey A., Iyer P.K.	Solution Processed WPLEDs with Good Color Stability and High Color Rendering Index via a Phosphor-Sensitized System	ChemistrySelect	2017	2	10	3184	3190
78	Chowdhury S.R., Mukherjee S., Das S., Patra C.R., Iyer P.K.	Multifunctional (3-in-1) cancer theranostics applications of hydroxyquinoline-appended polyfluorene nanoparticles	Chemical Science	2017	8	11	7566	7575
79	Sahu S., Ila, Shankar B., Sathiyendiran M., Krishnamoorthy G.	Molecular aggregation to obtain conformer specific enhanced emissions from a triple emissive ESIPT dye	Journal of Photochemistry and Photobiology A: Chemistry	2018	353		416	423
80	Nath S., Pathak S.K., Pradhan B., Gupta R.K., Reddy K.A., Krishnamoorthy G., Achalkumar A.S.	A sensitive and selective sensor for picric acid detection with a fluorescence switching response	New Journal of Chemistry	2018	42	7	5382	5394
81	Behera S.K., Krishnamoorthy G.	Perturbation of cationic equilibrium by cucurbit-7-uril	Physical Chemistry Chemical Physics	2017	19	29	19234	19242
82	Gogoi K., Saha S., Mondal B., Deka H., Ghosh S., Mondal B.	Dioxygenation Reaction of a Cobalt-Nitrosyl: Putative Formation of a Cobalt-Peroxynitrite via a {Co(III)(NO)(O ₂ ⁻)} Intermediate	Inorganic Chemistry	2017	56	23	14438	14445
83	Saha S., Ghosh S., Gogoi K., Deka H., Mondal B., Mondal B.	Reaction of a Co(III)-Peroxo Complex and NO: Formation of a Putative Peroxynitrite Intermediate	Inorganic Chemistry	2017	56	18	10932	10938
84	Ghosh S., Deka H., Saha S., Mondal B.	Nitrogen dioxide reactivity of a Nickel(II) complex of tetraazacyclotetradecane ligand	Inorganica Chimica Acta	2017	466		285	290
85	Saha S., Gogoi K., Mondal B., Ghosh S., Deka H., Mondal B.	Reaction of a Nitrosyl Complex of Cobalt Porphyrin with Hydrogen Peroxide: Putative Formation of Peroxynitrite Intermediate	Inorganic Chemistry	2017	56	14	7781	7787
86	Deka H., Ghosh S., Gogoi K., Saha S., Mondal B.	Nitric Oxide Reactivity of a Cu(II) Complex of an Imidazole-Based Ligand: Aromatic C-Nitrosation Followed by the Formation of N-Nitrosohydroxylaminato Complex	Inorganic Chemistry	2017	56	9	5034	5040
87	Sahu H., Shukla R., Goswami J., Gaur P., Panda A.N.	Alternating phenylene and furan/pyrrole/thiophene units-based oligomers: A computational study of the structures and optoelectronic properties	Chemical Physics Letters	2018	692		152	159
88	Ansari M.S., Maragani R., Banik A., Misra R., Qureshi M.	Enhanced photovoltaic performance using biomass derived nano 3D ZnO hierarchical superstructures and a D-A type CS-Symmetric triphenylamine linked bisthiazole	Electrochimica Acta	2018	259		262	275
89	Ansari M.S., Banik A., Qureshi M.	Morphological tuning of photo-booster g-C ₃ N ₄ with higher surface area and	Carbon	2017	121		90	105

		better charge transfers for enhanced power conversion efficiency of quantum dot sensitized solar cells						
90	Sahu T.K., Arora S., Banik A., Iyer P.K., Qureshi M.	Efficient and Rapid Removal of Environmental Malignant Arsenic(III) and Industrial Dyes Using Reusable, Recoverable Ternary Iron Oxide - ORMOSIL - Reduced Graphene Oxide Composite	ACS Sustainable Chemistry and Engineering	2017	5	7	5912	5921
91	Patra A.S., Gogoi G., Sahu R.K., Qureshi M.	Modulating the electronic structure of lanthanum manganite by ruthenium doping for enhanced photocatalytic water oxidation	Physical Chemistry Chemical Physics	2017	19	19	12167	12174
92	Bag S.S., Yashmeen A.	Sensing the chemical cleavage of fluorescent β -lactams via FRET/exciplex or excimer emission	Journal of Photochemistry and Photobiology A: Chemistry	2018	353		464	468
93	Bag S.S., Yashmeen A.	Uracil-amino acid as a scaffold for β -sheet peptidomimetics: Study of photophysics and interaction with BSA protein	Bioorganic and Medicinal Chemistry Letters	2017	27	24	5387	5392
94	Bag S.S., De S.	Isothiocyanate Alanine as a Synthetic Intermediate for the Synthesis of Thioureayl Alanines and Subsequent Aminotetrazolyl Alanines	Journal of Organic Chemistry	2017	82	23	12276	12285
95	Bag S.S., Pradhan M.K., Talukdar S.	Trifunctional fluorescent unnatural nucleoside: Label free detection of T-T/C-C base mismatches, abasic site and bulge DNA	Journal of Photochemistry and Photobiology B: Biology	2017	173		165	169
96	Bag S.S., Das S.K.	Design, Synthesis and Photophysical Property of a Doubly Widened Fused-Triazolyl-Phenanthrene Unnatural Nucleoside	ChemistrySelect	2017	2	12	3577	3583
97	Bag S.S., Jana S.	Axially chiral amino acid scaffolds as efficient fluorescent discriminators of methanol-ethanol	New Journal of Chemistry	2017	41	22	13391	13398
98	Bag S.S., Pradhan M.K., Talukdar S.	Tetrazolylpyrene unnatural nucleoside as a human telomeric multimeric G-quadruplex selective switch-on fluorescent sensor	Organic and Biomolecular Chemistry	2017	15	48	10145	10150
99	Paul A., Kumar S., Kalita S., Ghosh A.K., Mondal A.C., Mandal B.	A Peptide Based Pro-drug Disrupts Alzheimer's Amyloid into Non-toxic Species and Reduces A β Induced Toxicity In Vitro	International Journal of Peptide Research and Therapeutics	2018	24	1	201	211
100	Kumar S., Paul A., Kalita S., Ghosh A.K., Mandal B., Mandal A.C.	Protective effects of β -sheet breaker α/β -hybrid peptide against amyloid β -induced neuronal apoptosis in vitro	Chemical Biology and Drug Design	2017	89	6	888	900
101	Chandra J., Chaudhuri R., Manne S.R., Mondal S., Mandal B.	Direct Synthesis of Sulphonates of Alcohol, Oxyma-O-sulphonates and Oxime-O-sulphonates under Microwave Irradiation	ChemistrySelect	2017	2	27	8471	8477
102	Giri R.S., Manne S.R., Dolai G., Paul	FeCl ₃ -Mediated side chain modification of aspartic Acid- and glutamic acid-	ACS Omega	2017	2	10	6586	6597

	A., Kalita T., Mandal B.	containing peptides on a solid support						
103	Kumar S., Paul A., Kalita S., Kumar A., Srivastav S., Hazra S., Ghosh A.K., Mandal B., Mondal A.C.	A peptide based pro-drug ameliorates amyloid- β induced neuronal apoptosis in in vitro SH-SY5Y cells	Current Alzheimer Research	2017	14	12	1293	1304
104	Cantú Reinhard F.G., Barman P., Mukherjee G., Kumar J., Kumar D., Kumar D., Sastri C.V., De Visser S.P.	Keto-Enol Tautomerization Triggers an Electrophilic Aldehyde Deformylation Reaction by a Nonheme Manganese(III)-Peroxo Complex	Journal of the American Chemical Society	2017	139	50	18328	18338
105	Varma V.S., Das S., Sastri C.V., Kalamdhad A.S.	Microbial degradation of lignocellulosic fractions during drum composting of mixed organic waste	Sustainable Environment Research	2017	27	6	265	272
106	Varma V.S., Nashine S., Sastri C.V., Kalamdhad A.S.	Influence of carbide sludge on microbial diversity and degradation of lignocellulose during in-vessel composting of agricultural waste	Ecological Engineering	2017	101		155	161
107	Borgohain G., Mandal B., Paul S.	Molecular dynamics approach to understand the denaturing effect of millimolar concentration of dodecylamine on β -repressor and counteraction by trehalose	Phys. Chem. Chem. Phys.	2017	19		13160	13171
108	Das S., Paul S.	The Hydrotropic Action of Cationic Hydrotrope p-Toluidinium Chloride on the Solubility of Sparingly Soluble Gliclazide Drug Molecule: A Computational Study	Journal of Chemical Information and Modeling	2017	57		1461	1473
109	Mohan M., Naik P. K., Banerjee T., Goud V. V., Paul S.	Solubility of Glucose in Tetrabutylammonium Bromide Based Deep Eutectic Solvents: Experimental and Molecular Dynamics Simulations	Fluid Phase Equilibria	2017	448		168	177
110	Naik P. K., Paul P., Banerjee T.	Liquid-Liquid Equilibria Measurements for the Extraction of Poly Aromatic Nitrogen Hydrocarbons With a Low Cost Deep Eutectic Solvent: Experimental and Theoretical Insights	Journal of Molecular Liquids	2017	243		542	552
111	Das S., Paul S.	Hydrotropic Solubilization of Sparingly Soluble Riboflavin Drug Molecule in Aqueous Nicotinamide Solution	Journal of Physical Chemistry B	2017	121		8774	8785
112	Borgohain G., Paul S.	The Opposing Effect of Urea and High Pressure on the Conformation of the Protein β -Hairpin: A Molecular Dynamics Simulation Study	Journal of Molecular Liquids	2018	251		378	384
113	Das S., Paul S.	Exploring the binding sites and binding mechanism for hydrotrope encapsulated griseofulvin drug on γ -tubulin protein	Plos One	2018	13		e0190209	1-19
114	Gorai S., Paul D., Borah R., Haloi N., Santra M. K., Manna D.	Role of Cationic Groove and Hydrophobic Residues in Phosphatidylinositol-Dependent Membrane-Binding Properties of	Chemistry Select	2018	3	4	1205	1214

		<i>Tks5-Phox Homology Domain</i>						
115	Saha A., Panda S., Pradhan N., Kalita K., Trivedi V., Manna D.	<i>Azidophosphonate Chemistry as a Route for a Novel Class of Vesicle-Forming Phosphonolipids</i>	<i>Chemistry-A European Journal</i>	2018	24	5	1121	1127
116	Pradhan N., Paul S., Deka S. J., Roy A., Trivedi V., Manna D.	<i>Identification of Substituted 1H-Indazoles as Potent Inhibitors for Immunosuppressive Enzyme Indoleamine 2, 3-Dioxygenase 1</i>	<i>Chemistry Select</i>	2017	2	20	5511	5517
117	Suman Jyoti Deka, Ashalata Roy, Vibin Ramakrishnan, Debasis Manna, Vishal Trivedi	<i>Danazol has potential to cause PKC translocation, cell cycle dysregulation, and apoptosis in breast cancer cells</i>	<i>Chemical biology & drug design</i>	2017	89	6	953	963
118	Panda S., Maity P., Manna D.	<i>Transition Metal, Azide, and Oxidant-Free Homo- and Heterocoupling of Ambiphilic Tosyl hydrazones to the Regioselective Triazoles and Pyrazoles</i>	<i>Organic Letters</i>	2017	19	7	1534	1537
119	Paul S., Roy A., Deka S. J., Panda S., Srivastava G. N., Trivedi V., Manna D.	<i>Synthesis and evaluation of oxindoles as promising inhibitors of the immunosuppressive enzyme indoleamine 2, 3-dioxygenase 1</i>	<i>MedChemComm</i>	2017	8	8	1640	1654
120	Sarkar P., Mondal M. K., Sarmah A., Maity S., Mukherjee C.	<i>An Iminosemiquinone-Coordinated Oxidovanadium(V) Complex: A Combined Experimental and Computational Study</i>	<i>Inorganic Chemistry</i>	2017	56		8068	8077
121	Paul G. C., Ghorai S., Mukherjee C.	<i>Monoradical-Containing Four-Coordinate Co(III) Complexes: Homolytic S-S, Se-Se Bond Cleavage and Catalytic Isocyanate to Urea Conversion Under Sunlight</i>	<i>Chemical Communications</i>	2017	53		8022	8025
122	Khannam M., Weyhermuller T., Goswami U., Mukherjee C.	<i>A Highly Stable L-Alanine-Based Mono(aquated) Mn(II) Complex as T₁-weighted MRI Contrast Agent</i>	<i>Dalton Transactions</i>	2017	46		10426	10432
123	Lippert, K-A., Mukherjee C., Broschinski J-P., Lippert Y., Walleck S., Stammler A., Bogge H., Schnack J., and Glaser T.	<i>Suppression of Magnetic Quantum Tunneling in a Chiral Single-Molecule Magnet by Ferromagnetic Interactions</i>	<i>Inorganic Chemistry</i>	2017	56		15119	15129
124	Phukan B., Mukherjee C., Varshney R.	<i>A New Heptadentate Picolinate-Based Ligand and Its Corresponding Gd(III) Complex: the Effect of Picolinate versus Acetate Pendant on Complex Property</i>	<i>Dalton Transactions</i>	2018	47		135	142
125	Phukan B., Ghorai S., Deka K., Deb P., Mukherjee C.	<i>"Interactions of Alkali and Alkali-Earth Metals in Water-Soluble Heterometallic Fe^{III}/M (M = Na⁺, K⁺, Ca²⁺)-Type Coordination Complex</i>	<i>Crystal Growth & Design</i>	2018	18		531	539
126	Phukan B., Mukherjee C.,	<i>A New Bis(aquated) High Relaxivity Mn(II) Complex as an Alternative to</i>	<i>Inorganic Chemistry</i>	2018	57		3631	3638

	Goswami U., Sarmah A., Mukherjee S., Sahoo S. K., Moi, S.C.	Gd(III)-Based MRI Contrast Agent						
127	Dutta S., Das N.P., Mahanta D.	Dynamics and control of spiral and scrollwaves	Complexity and Synergetics	2017			155	165
128	Pradhan B., Gupta R. K., Pathak S. K., De J., Pal S. K. Achalkumar A. S.	Columnar self-assembly of luminescent bent-shaped hexacatenars with a central pyridine core connected with substituted 1,3,4-oxadiazole and thiadiazoles	New Journal of Chemistry	2018	42		3781	3798
129	Gupta R. K., Rao D. S. S., PrasadS. K., Achalkumar A.S.	Columnar Self-Assembly of Electron- Deficient Dendronized Bay-Annulated Perylene Bisimides	Chemistry- A European Journal	2018	24		3566	3575
130	Gupta R. K., Pathak S. K., De J., PalS. K., Achalkumar A. S.	Room temperature columnar liquid crystalline self-assembly of acidochromic, luminescent, star-shaped molecules with cyanovinylene chromophores	Journal of Material Chemistry C	2018	6		1844	1852
131	Nath S., Pathak S. K., De J., Pal S. K., Achalkumar A. S.	Star-shaped π -Gelators based on oxadiazole and thiadiazoles: A structure-property correlation	Molecular Systems Design and Engineering	2017	2		478	489
132	Yadav A. K., Pradhan B., Ulla H., Gupta M., Pal S.K., Satyanarayan M. N. Achalkumar A. S.	Tuning the self-assembly and photophysical properties of bi-1,3,4- Thiadiazole derivatives through electron donor-acceptor interactions and their application in OLEDs	Journal of Material Chemistry C	2017	6		9345	9358
133	Pathak S. K., Nath S., De J., Pal S. K., Achalkumar A. S.	Contrasting effects of heterocycle substitution and branched tails in the arms of star-shaped molecules	New Journal of Chemistry	2017	41		4680	4688
134	Pathak S. K., Nath S., Gupta M., Pal S. K., Achalkumar A. S.	Effect of regioisomerism on the mesomorphic and photophysical behavior of oxadiazole-based tris(N- salicylideneaniline)s: Synthesis and characterization	New Journal of Chemistry	2017	41		9908	9917
135	Gupta R. K., Das D., Gupta M., Pal S.K. Iyer P.K., Achalkumar A. S.	Electroluminescent Room Temperature Columnar Liquid Crystals Based On bay-Annulated Perylenetetraesters	Journal of Material Chemistry C	2017	5		1767	1781
136	Gupta R. K., Ulla H., Satyanarayan M.N., Achalkumar A.S.	Perylene-Triazine based star-shaped green light emitter for organic lightemitting diodes	European Journal of Organic Chemistry	2018			1608	1613
137	Purkait A., Roy S. K., Srivastava H. K., Jana C. K.	<i>Metal-Free Sequential C(sp²)-H/OH and C(sp³)-H Aminations of Nitrosoarenes and N- Heterocycles to Ring-Fused Imidazoles</i>	Organic Letters	2017	19		2540	2543
138	Haque M. A., Jana C. K.	<i>Regiodivergent Remote Arylation of Cycloalkanols to Dysideanone's Fused Carbotetracycles and Its Bridged Isomers</i>	Chemistry-A European Journal	2017	23		13300	13304

139	Ghosh S., Jana C.K.	Metal-Free Thermal Activation of Molecular Oxygen Enabled Direct α -CH ₂ -Oxygenation of Free Amines	The Journal of Organic Chemistry	2018	83		260	266
140	Pramanik B., Das D.	Aggregation Induced Emission or Hydrolysis by Water? The Case of Schiff Bases in Aqueous Organic Solvents	Journal of Physical Chemistry C	2018	122	6	3655	3661
141	Singha N., Gupta P., Pramanik B., Ahmed S., Dasgupta A., Ukil A., Das D.	Hydrogelation of a Naphthalene Diimide Appended Peptide Amphiphile and its Application in Cell-Imaging and Intracellular pH Sensing.	Biomacromolecules	2017	18	11	3630	3641
142	Pramanik B., Ahmed S., Roy R., Das B.K., Singha N., Das D.	A DNA-NDI hybrid to efficiently detect histone in parts per trillion (ppt) level.	ChemistrySelect	2017	2		8911	8916
143	Pramanik B., Ahmed S., Singha N., Das D.	Self-Assembly Assisted Tandem Sensing of Pd ²⁺ and CN ⁻ by a Perylenediimide-Peptide Conjugate.	Chemistry Select	2017	2		10061	10066
144	Ahmed S., Pramanik B., Sankar K.N.A., Srivastava A., Singha N., Dowari P., Srivastava A., Mohanta K., Debnath A., Das D.	Solvent Assisted Tuning of Morphology of a Peptide-Perylenediimide Conjugate: Helical Fibers to Nano-Rings and their Differential Semiconductivity	Scientific Reports	2017	7		9485	-
145	Pramanik B., Mondal J.H., Singha N., Ahmed S., Mohanty J., Das D.	A Viologen-Perylenediimide Conjugate as an Efficient Base Sensor with Solvochromic Property	ChemPhysChem	2017	18		245	252
146	Phukon A., Nandi N., Sahu K.	Pre-micellar interaction or direct monomer to micelle transition for zwitterionic sulfobetaine surfactant in water? A comparative fluorescence study with cationic surfactant	Journal of Photochemistry and Photobiology A: Chemistry	2018	357		140	148
147	Hossen T., Sahu K.	New Insights on Hydrogen-Bond-Induced Fluorescence Quenching Mechanism of C102-Phenol Complex via Proton Coupled Electron Transfer	Journal of Physical Chemistry A	2018	122	9	2394	2400
148	Mukhopadhyay A., Hossen T., Ghosh I., Koner A.L., Nau W.M., Sahu K., Moorthy J.N.	Helicity-Dependent Regiodifferentiation in the Excited-State Quenching and Chiroptical Properties of Inward/Outward Helical Coumarins	Chemistry - A European Journal	2017	23	59	14797	14805
149	Sahu D.K., Sahu K.	Characterizing optical properties, composition of stabilizer-free copper nanoclusters and its interaction with bovine serum albumin	Journal of Photochemistry and Photobiology A: Chemistry	2017	347		17	25
150	Phukon A., Sahu K.	How do the interfacial properties of zwitterionic sulfobetaine micelles differ from those of cationic alkyl quaternary ammonium micelles? An excited state proton transfer study	Physical Chemistry Chemical Physics	2017	19	46	31461	31468

151	Maity R., Pan S.C.	Organocatalytic asymmetric Michael/hemiacetalization/acyl transfer reaction of α -nitroketones with o-hydroxycinnamaldehydes: synthesis of 2,4-disubstituted chromans	Organic & Biomolecular Chemistry	2018	16		1598	1608
152	Mukhopadhyay S., Pan S.C.	Organocatalytic asymmetric synthesis of 2,4-disubstituted imidazolidines via domino addition-aza-Michael reaction	Chemical Communications	2018	54		964	967
153	Mondal B., Pan S.C.	Organocatalytic Asymmetric Synthesis of Pentasubstituted Tetrahydrothiopyrans Bearing a Quaternary Centre through a Double Michael Reaction	Synlett	2018	29	05	576	580
154	Mondal B., Mondal K., Satpati P., Pan S.C.	Organocatalytic Asymmetric Dimerization of γ -Hydroxyenones to Acetals and Theoretical Investigations into the Diastereoselection	European Journal of Organic Chemistry	2017	2017	47	7101	7106
155	Mondal B., Nandi S., Pan S.C.	Organocatalytic Asymmetric Synthesis of Tetrahydrothiophenes and Tetrahydrothiopyrans	European Journal of Organic Chemistry	2017	2017	32	4666	4677
156	Sahoo S. C., Joshi M., Pan S.C.	Diastereoselective Desymmetrization of Prochiral Cyclopentenediones via Cycloaddition Reaction with N-Phenacylbenzothiazolium Bromides	The Journal of Organic Chemistry	2017	82	23	12763	<u>12770</u>
157	Nath U., Pan S.C.	Organocatalytic Asymmetric [4 + 2] Cycloaddition of 1-Acetylcyclopentene and 1-Acetyl cyclohexene for the Synthesis of Fused Carbocycles	European Journal of Organic Chemistry	2017	2017	43	6457	6461
158	Maity R., Pan S.C.	Enantioselective aminocatalytic synthesis of tetrahydropyrano[2,3-c]pyrazoles via a domino Michael-hemiacetalization reaction with alkylidene pyrazolones	Organic & Biomolecular Chemistry	2017	15		8032	8036
159	Mukhopadhyay S., Nath U., Pan S.C.	Organocatalytic Asymmetric Synthesis of 3,3-Disubstituted 3,4-Dihydro-2-quinolones	Advanced synthesis & catalysis	2017	359	22	3911	3916
160	Gharui C., Singh S., Pan S.C.	Chiral phosphoric acid catalyzed enantioselective annulation of acyclic enecarbamates to in situ-generated ortho-quinone methides	Organic & Biomolecular Chemistry	2017	15		7272	7276
161	Sahoo S.C., Nath U., Pan S.C.	Direct Aerial Oxidative Reactions of 2-Hydroxyacetophenones	European Journal of Organic Chemistry	2017	2017	30	4434	4438
162	Balha M., Mondal B., Sahoo S.C., Pan S.C.	Organocatalytic Asymmetric Michael-Hemiacetalization Reaction Between 2-Hydroxyacetophenones and Enals: A Route to Chiral beta,gamma-Disubstituted gamma-Butyrolactones	The Journal of Organic Chemistry	2017	82	12	6409	6416
163	Mondal K., Pan S.C.	Synthesis of 2,5-Disubstituted Furans from Sc(OTf) ₃ Catalyzed Reaction of Aryl Oxiranediester with gamma-Hydroxyenones	The Journal of Organic Chemistry	2017	82	8	4415	4421

164	Nandi S., Banesh S., Trivedi V., Biswas S.	A dinitro-functionalized metal-organic framework featuring visual and fluorogenic sensing of H ₂ S in living cells, human blood plasma and environmental samples	Analyst	2018	143	6	1482	1491
165	Dalapati R., Kökçam-Demir Ü., Janiak C., Biswas S.	The effect of functional groups in the aqueous-phase selective sensing of Fe(III) ions by thienothiophene-based zirconium metal-organic frameworks and the design of molecular logic gates	Dalton Transactions	2018	47	4	1159	1170
166	Das A., Banesh S., Trivedi V., Biswas S.	Extraordinary sensitivity for H ₂ S and Fe(III) sensing in aqueous medium by Al-MIL-53-N3 metal-organic framework: In vitro and in vivo applications of H ₂ S sensing	Dalton Transactions	2018	47	8	2690	2700
167	Das A., Biswas S.	A multi-responsive carbazole-functionalized Zr(IV)-based metal-organic framework for selective sensing of Fe(III), cyanide and p-nitrophenol	Sensors and Actuators, B: Chemical	2017	250		121	131
168	Dalapati R., Balaji S.N., Trivedi V., Khamari L., Biswas S.	A dinitro-functionalized Zr(IV)-based metal-organic framework as colorimetric and fluorogenic probe for highly selective detection of hydrogen sulphide	Sensors and Actuators, B: Chemical	2017	245		1039	1049
169	Dalapati R., Sakthivel B., Ghosalya M.K., Dhakshinamoorthy A., Biswas S.	A cerium-based metal-organic framework having inherent oxidase-like activity applicable for colorimetric sensing of biothiols and aerobic oxidation of thiols	CrystEngComm	2017	19	39	5915	5925
170	Nandi S., Reinsch H., Banesh S., Stock N., Trivedi V., Biswas S.	Rapid and highly sensitive detection of extracellular and intracellular H ₂ S by an azide-functionalized Al(III)-based metal-organic framework	Dalton Transactions	2017	46	38	12856	12864
171	Gopal Pandit, Karabi Roy, Umang Agarwal, Sunanda Chatterjee	<i>Self-Assembly Mechanism of a Peptide-Based Drug Delivery Vehicle</i>	ACS Omega	2018	3	3	3143	3155
172	Borah S., Bhattacharyya B., Deka J., Borah A., Devi A., Deka D., Mishra S., Raidongia K., Gogoi N.	Enhanced catalytic activity and near room temperature gas sensing properties of SnO ₂ nanoclusters@mesoporous Sn(IV) organophosphonate composite	Dalton Transactions	2017	46	26	8664	8672
173	Mandal P., Kundu B.K., Vyas K., Sabu V., Helen A., Dhankhar S.S., Nagaraja C.M., Bhattacharjee D., Bhaskar K.P., Mukhopadhyay S.	Ruthenium(II) arene NSAID complexes: Inhibition of cyclooxygenase and antiproliferative activity against cancer cell lines	Dalton Transactions	2018	47	2	517	527
174	Bhattacharjee D., Basu C., Bhardwaj Q., Mal S., Sahu S., Sur R., Bhaskar K.P.	Design, Synthesis and Anti-Cancer Activities of Benzyl Analogues of Garlic-Derived Diallyl Disulfide (DADS) and the Corresponding Diselenides	ChemistrySelect	2017	2	24	7399	7406
175	Saha M., Vyas	Copper(II) tetrazolato complexes: Role	Polyhedron	2017	132		53	63

	K.M., Martins L.M.D.R.S., Martins N.M.R., Pombeiro A.J.L., Mobin S.M., Bhattacharjee D., Bhabak K.P., Mukhopadhyay S.	in oxidation catalysis and protein binding							
176	Das A., Deka J., Rather A.M., Bhunia B.K., Saikia P.P., Mandal B.B., Raidongia K., Manna U.	Strategic Formulation of Graphene Oxide Sheets for Flexible Monoliths and Robust Polymeric Coatings that Embedded with Durable Bio-inspired Wettability	ACS Applied Materials & Interfaces	2017	9	48	42354	42365	
177	Parbat D., Manna U.	Selective Liaison With Liquids for Environment-Friendly and Comprehensive Oil/Water Separation	Chem Sus Chem	2017	10		4839	4844	
178	Rather A.M., Jana N., Hazarika P., Manna U.	Sustainable polymeric material for the facile and repetitive removal of oil-spills through the complementary use of both selective-absorption and active-filtration processes	Journal of Materials Chemistry A	2017	5		23339	23348	
179	Das A., Deka J., Raidongia K., Manna U.	Robust and Self-Healable Bulk-Superhydrophobic Polymeric Coating	Chemistry of Materials	2017	29	20	8720	8728	
180	Rather A.M., Jana N., Begum S., Srivastava H.K., Manna U.	Exceptional Control on Physical Properties of Polymeric Material Through Alcoholic-Solvent Mediated Environmental-Friendly Michael Addition Reaction	Green Chemistry	2017	19		4527	4532	
181	Rather A.M., Mahato S., Maji K., Gogoi N., Manna U.	"Reactive" Nano-complex Coated Medical Cotton: A Facile Avenue for Tailored Release of Small Molecules	Nanoscale	2017	9		16154	16165	
182	Parbat D., Gaffar S., Rather A.M., Gupta A., Manna U.	A General and Facile Chemical Avenue for Controlled and Extreme Regulation of Water-Wettability in Air and Oil-Wettability Under Water	Chemical Science	2017	8		6542	6554	
183	Rather A.M., Manna U.	Stretchable and Durable Superhydrophobicity That Acts both in Air and Under Oil	Journal of Materials Chemistry A	2017	5		15208	15216	
184	Parbat D., Manna U.	Synthesis of "Reactive" and Covalent Polymeric Multilayers Coatings with Durable Superoleophobicity and Superoleophilicity Properties under Water.	Chemical Science	2017	8		6092	6102	
185	Kumar A., Bhatti T.M., Goldman A.S.	Dehydrogenation of Alkanes and Aliphatic Groups by Pincer-Ligated Metal Complexes	Chemical Reviews	2017		117	19	12357	12384
186	Gao Y., Guan C., Zhou M., Kumar A., Emge T.J., Wright A.M., Goldberg K.I., Krogh-Jespersen K., Goldman A.S.	β -Hydride Elimination and C-H Activation by an Iridium Acetate Complex, Catalyzed by Lewis Acids. Alkane Dehydrogenation Cocatalyzed by Lewis Acids and [2,6-Bis(4,4-dimethyloxazolyl)-3,5-dimethylphenyl]iridium	Journal of the American Chemical Society	2017		139	18	6338	6350

187	Das B., Srivastava H.K.	Influence of the Local Chemical Environment in the Formation of Multicomponent Crystals of L - Tryptophan with N-Heterocyclic Carboxylic Acids: Unusual Formation of Double Zwitterions	Crystal Growth and Design	2017	17	7	3796	3805
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