

Complete list of publications

Citation Data: Total Citations: **10,090**; Average Citations per paper: **55.01**; Average Citations per Year: **504.00**
h-index: 57

Summary of publications:

- A) American Chemical Society's journals: Total publications: 68 (IC-36, JOC-5, JACS-13, Orgmet-7, Chem. Rev. 1, Acc. Chem. Res. 1, Cryst Growth & Des. 3, ACS Omega 1, ACS Catalysis: 1)
- B) Royal Society's journals: Total publications: 54 (Chem. Sci. 1, ChemComm: 20, Dalton Trans: 25, NJC: 3, J. Mater. Chem: 1, RSC Adv.: 2, Cryst Engg Comm. 1, OBC: 1)
- C) Elsevier's journals: Total Publications: 19 (ICActa: 10, IC Comm: 3, Tet. Lett: 1, Polyhedron: 4, J. Orgmet. Chem: 1)
- D) Willey's journals: Total Publications: 28 (Angew Chem: 3, Chem. Eur. J: 20, Eur J IC: 3, ChemPlusChem: 1; Israel J. Chem : 1)
- E) Indian Journals: Total Publications: 05 (Ind. J. Chem: 03, J. Chem. Sci. 1, PNAS India: 1)
- F) Other journals: Total publications: 06

	Authors	Title	Journal
180	P. Howlader, E. Zangrando, P. S. Mukherjee	Self-Assembly of Enantiopure Pd ₁₂ Tetrahedral Homochiral Nanocages with Tetrazole Linkers and Chiral Recognition	J. Am. Chem. Soc. 2020, 142, 9070. (Featured on the Front Cover of the JACS issue) Selected as JACS-spotlights by the ACS
179	A. Kumar, P. S.	Multicomponent Self-Assembly of Pd(II)/Pt(II)	Chem. Eur. J. 2020,

	Mukherjee	Interlocked Molecular Cages: Cage to Cage Conversion and Self-Sorting in Aqueous Medium	26, 4842.
178	S. Bhattacharya, M. Maity, A. Chaudhury, M. L. Saha, P. J. Stang, P. S. Mukherjee	Coordination Assisted Reversible Photoswitching of Spiropyran-Based Platinum Macrocycles	<i>Inorg. Chem.</i> 2020 , <i>59</i> , 2083-2091.
177	R. Saha, P. S. Mukherjee	Chemistry of photoswitching molecules in confined nanospace of aqueous molecular vessels	<i>Dalton Trans.</i> 2020 , <i>49</i> , 1716. (Invited Frontier Article)
176	W. B. Tolman, A. L. Balch, S. Bart, B. Cossairt, S. Dehnen, P. S. Halasyamani, H. Kageyama, F. Meyer, J. Morrow, P. S. Mukherjee, F. Neese, P. P. Power, R. Sessoli, V. W. Yam, and H-C. Zhou	What is Inorganic Chemistry? (Editorial)	<i>Inorg. Chem.</i> 2019 , <i>58</i> , 9515.
175	I. A. Bhat, E. Zangrando, P. S. Mukherjee	Coordination-Driven Self-Assembly of Discrete Molecular Nanotubular Architectures	<i>Inorg. Chem.</i> 2019 , <i>58</i> , 11172.
174	K. Acharyya, S. Bhattacharyya, H. Sepehrpour, S. Chakraborty, S. Lu, B. Shi, X. Li, P. S. Mukherjee and P. J. Stang	Self-Assembled Fluorescent Pt(II) Metallacycles as Artificial Light-Harvesting Systems	<i>J. Am. Chem. Soc.</i> 2019 , <i>141</i> , 14565.
173	P. P. Chowdhury, S. Bhattacharyya, M. Maity, S. Mukhopadhyay, P. Howlader, P. S.	Linkage induced enhancement in fluorescence in metal-carbene bond directed metallacycles and cages	<i>Chem. Commun.</i> 2019 , <i>55</i> , 8309.

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172	R. Modak, B. Mondal, P. Howlader, P. S. Mukherjee	Self-assembly of a "Cationic-Cage" via formation of Ag-carbene bonds followed by imine condensation	Chem. Commun. 2019, 55, 6711 – 6714.
171	R. Saha, A. Devaraj, S. Bhattacharya, S. Das, E. Zangrando, P. S. Mukherjee	Unusual behavior of Donor-Acceptor Stenhouse Adducts in Confined Space of a Pd(II) Molecular Vessel	J. Am. Chem. Soc. 2019, 141, 8638.
170	A. Kumar, E. Zangrando and P. S. Mukherjee	Self-assembled Pd ₃ L ₂ cages having flexible tri-imidazole donors	Polyhedron, 2019, DOI: https://doi.org/10.1016/j.poly.2019.03.014 (Invited article)
169	K. Acharyya, P. S. Mukherjee	Organic Imine Cages: Molecular Marriage and Applications	Angew Chem. Int. Ed. 2019, 58, 8640.
168	S. Bhattacharyya, A. Chowdhury, R. Saha, P. S. Mukherjee	Multifunctional Self-Assembled Macrocycles with Enhanced Emission and Reversible Photochromic Behaviour	Inorg. Chem. 2019, 58, 3968.
167	M. Siddiqui, R. Saha, P. S. Mukherjee	Ruthenium(II) Metalla[2]Catenanes and Macrocycles via Donor-Dependent Self-Assembly	Inorg. Chem. 2019, 58, 4491.
166	T. Prakasam, A. Devaraj, R. Saha, M. Lusi, J. Brandel, D. Esteban-Gómez, C. Platas-Iglesias, M. A. Olson, P. S. Mukherjee and A. Trabolsi	Metal-Organic Trefoil Knots for C-Br Activation	ACS Catalysis, 2019, 9, 1709
165	P. Howlader and P. S. Mukherjee	Solvent directed synthesis of molecular cage and MOF of	Israel J. Chem. 2019, 59, 292.

		Cu(II) paddlewheel cluster	(Invited contribution in honor of Prof. M. Fujita's Wolf Prize)
164	P. Das, A. Kumar, A. Chowdhury, P. S. Mukherjee	Aggregation Induced Emission and White Light Emission from a Combination of π -Conjugated Donor-Acceptor Organic Luminogens	ACS Omega, 2018, 3, 13757. (Invited article)
163	B. Mondal, P. S. Mukherjee	Cage Encapsulated Gold Nanoparticles as Heterogeneous Photocatalyst for Facile and Selective Reduction of Nitroarenes to Azo compounds	J. Am. Chem. Soc. 2018, 140, 12592.
162	M. Maity, P. Howlader, P. S. Mukherjee	Coordination-Driven Self-Assembly of Cyclopentadienyl Capped Heterometallic Zr-Pd Cages	Cryst. Growth & Des., 2018, 18, 6956.
161	A. Aderonke, P. S. Mukherjee	Coordination self-assembly of discrete Pt-Ru prismatic cages	Biel. J. Org. Chem. 2018, 14, 2242-2249.
160	A. Aderonke, A. Shettar, A. A. Bhat, P. Kondaiah, P. S. Mukherjee	Coordination self-assembly of Ru(II) architectures: Synthesis, characterization and cytotoxicity studies	Dalton Trans. 2018,47, 8466.
159	A. Bhat, A. Devaraj, E. Zangrando, P. S. Mukherjee	A Discrete Self-Assembled Pd ₁₂ Triangular Orthobicupola Cage and its Use for Intramolecular Cycloaddition	Chem. Eur. J. 2018, 23, 13938.
158	P. Howlader, B. Mondal, P. P. Chowdhury, P. S. Mukherjee	Self-assembled molecular barrels as containers for transient merocyanine and reverse photochromism	J. Am. Chem. Soc. 2018, 140, 7952.
157	R. Saha, A. K. Ghosh, R. Samajder, P. S.	Self-assembled molecular spheroids and their proton	Inorg. Chem. 2018 57, 6540.

	Mukherjee	conduction	
156	I. Sinha and P. S. Mukherjee	Chemical Transformations in Confined Space of Coordination Architectures	<i>Inorg. Chem.</i> 2018, 57, 4205. (Invited Viewpoint article)
155	I. A. Bhat, A. Devaraj, P. Howlader and P. S. Mukherjee	A chiral Pt ₁₂ tetrahedral cage and its use in catalytic Michael addition reaction	<i>Chem. Commun.</i> 2018 54, 4814.
154	B. Roy, A. Devaraj, R. Saha, S. Jharimune, K. W. Chi, P. S. Mukherjee	Catalytic intramolecular cycloaddition reaction using a discrete molecular architecture	<i>Chem. Eur. J.</i> 2017, 23, 15704.
153	P. Das, A. Kumar, P. Howlader, P. S. Mukherjee	A self-assembled trigonal molecular prismatic molecular vessel for catalytic dehydration reactions	<i>Chem. Eur. J.</i> 2017, 23, 12565
152	B. Mondal, A. K. Ghosh, P. S. Mukherjee	Reversible Multistimuli Switching of a Spiropyran Functionalized Organic Cage in Solid and Solution	<i>J. Org. Chem.</i> 2017, 82, 7783.
151	R. Saha, D. Samanta, A. J. Bhattacharyya, P. S. Mukherjee	Stepwise construction of self-assembled heterometallic cages showing high proton conductivity	<i>Chem. Eur. J.</i> 2017, 23, 8980.
150	I. A. Bhat, R. Jain, M. Siddiqui, D. Saini, P. S. Mukherjee	Water-soluble Pd ₈ L ₄ self-assembled molecular barrel as an aqueous carrier for hydrophobic curcumin	<i>Inorg. Chem.</i> 2017, 56, 5352.
149	B. Roy, R. Saha, A. K. Ghosh, Y. Patil, P. S. Mukherjee	Versatility of diimidazole building blocks in coordination self-assembly	<i>Inorg. Chem.</i> 2017, 56, 3579
148	K. Acharyya, A. Chowdhury, B. Mondal, S. Chakraborty, P. S.	Building block dependent morphology modulation of cage nanoparticles and detection of nitroaromatics	<i>Chem. Eur. J.</i> 2017, 23, 8482.

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147	S. Dasgupta and P. S. Mukherjee	Carboxylatopillar[n]arenes: A versatile class of water soluble synthetic receptors	Org. Biomol. Chem. 2017 , <i>15</i> , 762.
146	A. A. Ademeyo, A. Shettar, I. A. Bhat, P. Kondaiah, P. S. Mukherjee	Self-assembly of discrete Ru ₈ molecular cages and their in-vitro anticancer study	Inorg. Chem. 2017 , <i>56</i> , 608
145	Chowdhury and P. S. Mukherjee	Vinylnanthracene based compounds as electron rich sensors for explosives recognition	ChemPlusChem. 2016 , <i>82</i> , 1360.
144	P. Howlader and P. S. Mukherjee	Face and edge directed self-assembly Pd ₁₂ tetrahedral nanocages and their self-sorting	Chem. Sci. 2016 , <i>7</i> , 5893.
143	A. Chowdhury, P. Howlader, P. S. Mukherjee	Aggregation induced emission of Pt(II) metallacycles and their nitroaromatics detection	Chem. Eur. J. 2016 , <i>22</i> , 7486.
142	B. Roy, E. Zangrando, P. S. Mukherjee	Self-assembly of a redox active water soluble Pd ₆ "Molecular Dice"	Chem. Commun. 2016 , 4489.
141	B. Gole, U. Sanyal, R. Banerjee, P. S. Mukherjee	High loading of Pd nanoparticles by interior functionalization of molecular pockets for heterogeneous catalysis	Inorg. Chem. 2016 , <i>55</i> , 2345.
140	P. Howlader, P. Das, E. Zangrando, P. S. Mukherjee	Urea functionalized self-assembled molecular prism for heterogeneous catalysis in water	J. Am. Chem. Soc. 2016 , <i>138</i> , 1668.
139	D. Samanta, A. Chowdhury, P. S. Mukherjee	Covalent Post-Assembly Modification and Water-Adsorption of Pd ₃ Self-	Inorg. Chem. 2016 , <i>55</i> , 1562.

			Assembled Trinuclear Barrels	
138	B. Mondal, K. Acharyya, P. Howlader, P. S. Mukherjee	P. S.	Molecular cage imregnated Pd nanoparticles: Efficient additive-free heterogeneous catalysts for cyanation of aryl halides	J. Am. Chem. Soc. 2016, 138, 1709.
137	A. Chowdhury, P. Howlader, P. S. Mukherjee	P. S.	Crystallization induced emission enhancement of mechano-fluorochromic Pt(II) luminogen and its application for cysteine detection	Chem. Eur. J. 2016, 22, 1424.
136	P. Howlader, S. Mukherjee, R. Saha, P. S. Mukherjee	S.	Conformation-selective coordination-driven self-assembly of a ditopic donor with Pd ^{II} acceptors	Dalton Trans. 2015, 20493.
135	A. Adeyemo, S. Shanmugaraju, D. Samanta, P. S. Mukherjee	S. D. S.	Template-free coordination-driven self-assembly of discrete hexanuclear prismatic cages employing half-sandwich octahedral Ru ^{II} ₂ acceptors and triimidazole donors	Inorg. Chim. Acta. 2016, 440, 62
134	S. Shanmugaraju, P. S. Mukherjee	P. S.	π -electron rich small molecule sensors for the recognition of nitroaromatics	Chem. Commun. 2015, 51, 16014
133	S. Das Gupta, A. Chowdhury, P. S. Mukherjee	A. S.	Binding of carboxylatopillar [5]arene with alkyl and aryl ammonium salts in aqueous medium	RSC. Adv. 2015, 85791
132	B. Roy, S. Shanmugaraju, R. Saha, P. S. Mukherjee	S. R. S.	Self-assembly of Metallamacrocycles Employing a New Benzil Based Organometallic Bisplatinum (II) Acceptor	CHIMIA, 2015, 69, 541 (Invited article)

131	B. Roy, A. K. Ghosh, S. Srivastava, P. D'Silva, P. S. Mukherjee	A Pd ₈ Tetrafacial Molecular Barrel as Carrier for Water Insoluble Fluorophore	<i>J. Am. Chem. Soc.</i> 2015 , 137, 11916
130	I. A. Bhat, D. Samanta and P. S. Mukherjee	A Pd ₂₄ Pregnant Molecular Nanoball: Self-Templated Stellation by Precise Mapping of Coordination Sites	<i>J. Am. Chem. Soc.</i> 2015 , 137, 9497
129	A. Chowdhuri, P. S. Mukherjee	Electron rich triphenylamine based sensors for picric acid detection	<i>J. Org. Chem.</i> 2015 , 80, 4064.
128	B. Gole, U. Sanyal and P. S. Mukherjee	A smart approach to achieve exceptionally high loading of metal nanoparticles supported by functionalized extended frameworks for efficient catalysis	<i>Chem. Commun.</i> 2015 , 51, 4872.
127	K. Acharyya, P. S. Mukherjee	Post-synthetic exterior decoration of an organic cage by copper(I) catalysed A ³ -coupling and detection of nitroaromatics	<i>Chem. Eur. J.</i> 2015 , 21, 6823
126	K. Acharyya, P. S. Mukherjee	Shape and size directed self-selection in organic cage formation	<i>Chem. Commun.</i> 2015 , 51, 4241.
125	S. Shanmugaraju and P. S. Mukherjee	Self-assembling discrete molecules for sensing nitroaromatics	<i>Chem. Eur. J.</i> 2015 , 21, 6656 (One of the most accessed article in 2/2015)
124	D. Samanta and P. S. Mukherjee	Sunlight induced molecular covalent marriage of two triply interlocked Pd ₆ cages and their facile thermal separation	<i>J. Am. Chem. Soc.</i> 2014 , 136, 17006

123	K. Acharyya and P. S. Mukherjee	A fluorescent organic cage for picric acid detection	Chem. Commun. 2014, 50, 15788
122	S. Mukherjee and P. S. Mukherjee	Cu ^{II} -Azide polynuclear complexes of three different building clusters with the same Schiff-base co-ligand: synthesis, structures, magnetic behavior and DFT studies	Cryst. Growth & Design. 2014, 15, 4177
121	B. Gole, A. K. Bar and P. S. Mukherjee	Multicomponent assembly of fluorescent tag functionalized ligands in coordination frameworks for explosive sensing	Chem. Eur. J. 2014, 20, 13321
120	D. Samanta and P. S. Mukherjee	Component selection in self-assembly of Pd(II) nanocages and cage-to-cage transformation	Chem. Eur. J. 2014, 20, 12483
119	B. Gole, W. Song, M. Lackinger and P. S. Mukherjee	Explosive sensing using electron rich supramolecular polymers: Role of intermolecular H-bonding in significant enhancement of sensitivity	Chem. Eur. J. 2014, 20, 13662
118	D. Samanta and P. S. Mukherjee	Self-assembled multicomponent Pd ₆ aggregates showing low-humidity proton conduction	Chem. Commun. 2014, 50, 1595.
117	S. Mukherjee and P. S. Mukherjee	Template free multicomponent self-assembly of Pd/Pt molecular cages	Chem. Commun. 2014, 20, 2239.
116	D. Samanta and P. S. Mukherjee	Structural diversity in multinuclear Pd(II)-assemblies: Potential materials for low-humidity proton conduction	Chem. Eur. J. 2014, 20, 5649.
115	B. Gole, A. K. Bar and P. S. Mukherjee	Modification of Extended Open Frameworks with Fluorescent Tags for Sensing Explosives: Competition	Chem. Eur. J. 2014, 20, 2276.

		Between Size Selectivity and Electron Deficiency	
114	K. Acharyya and P. S. Mukherjee	H-bond driven controlled molecular marriage in covalent cages	Chem. Eur. J. 2014 , 20, 1646
113	S. Shanmugaraju, H. Jadhav and P. S. Mukherjee	Self-assembly of chloro-bridged ruthenium based rectangle: Synthesis, structural characterization and Sensing study	Proc. Ind. Nat. Sc. Acad. 2014 , 84, 197 (invited article)
112	B. Gole, K. C. Mondal, and P. S. Mukherjee	Tuning nuclearity of clusters by positional change of functional group: Synthesis of polynuclear clusters, crystal structures and magnetic properties	Inorg. Chim. Acta. 2014 , 415, 151.
111	D. Samanta, S. Shanmugaraju, A. Adeyemo, and P. S. Mukherjee	Self-assembly of discrete metallamacrocycles employing half sandwich octahedral diruthenium building units and imidazole based ligands	J. Orgmet. Chem. 2014 , 703. (Invited article for a special issue)
110	S. Mukherjee, D. Samanta and P. S. Mukherjee	A Series of 3d Metal Complexes with Isomeric Phenylenedi-acetates and 1,3,5-tris(1-imidazolyl) benzene ligand: Synthesis, Structures, Magnetic and Luminescence Properties	Cryst. Growth & Des. 2013 , 14, 5335.
109	D. Samanta and P. S. Mukherjee	Pt ^{II} ₆ Nanoscopic molecular cages with organometallic backbone as sensors for picric acid	Dalton Trans. 2013 , 42, 16784.
108	S. Mukherjee and P. S. Mukherjee	Role of dicarboxylate linkers in Mn(III)-salicylaloximate based extended molecular magnets	Chem. Eur. J. 2013 , 19, 17064.

107	B. Roy, S. Mukherjee and P. S. Mukherjee	Sr ²⁺ and Cd ²⁺ Coordination polymers: Effect of different coordinating behaviour of a newly designed tricarboxylic acid	Cryst. Engg. Comm. 2013 , 9596.
106	S. Anbu, S. Kamalraj, C. Jayabhaskaran and P. S. Mukherjee	Naphthalene carbohydrazone based dizinc(II) chemosensor for pyrophosphate ion and its DNA assessment application in PCR products	Inorg. Chem. 2013 , 52, 8294.
105	S. Ghosh, S. Mukherjee, P. Seth, A. Ghosh, P. S. Mukherjee	Solvent-Templated Supramolecular Isomerism in 2D Coordination Polymer Constructed by NiII ₂ Coll Node and Dicyanamido Spacer: Drastic Change in Magnetic Behaviors	Dalton Trans. 2013 , 42, 13554.
104	B. Gole, A. K. Bar, A. Mallick, R. Banerjee and P. S. Mukherjee	Electron rich porous extended framework as heterogeneous catalyst for Diels-Alder reaction	Chem. Commun. 2013 , 49, 7439.
103	S. Mukherjee and P. S. Mukherjee	Versatility of azide in copper(II) magnetic polyclusters formation	Acc. Chem. Res. 2013 , 46, 2556.
102	S. Shanmugaraju, H. Jadhav, R. Karthik, and P. S. Mukherjee	Electron rich supramolecular polymers as fluorescent sensors for nitroaromatics	RSC. Advances 2013 , 3, 4940.
101	B. Roy, A. K. Bar, B. Gole and P. S. Mukherjee	Fluorescent tris-imidazolium sensors for picric acid explosive	J. Org. Chem. 2013 , 78, 1306.
100	K. Acharyya, S. Mukherjee and P. S. Mukherjee	Molecular marriage through partner preferences in covalent cage formation and cage-to-cage transformation	J. Am. Chem. Soc. 2013 , 135, 554.
99	D. Samanta and P. S. Mukherjee	Multicomponent self-sorting of a Pd ₇ boat and its use in catalytic Knoevenagel condensation	Chem. Commun. 2013 , 4307. (Invited contribution for a special "Emerging

			investigators' issue 2013")
98	S. Mukherjee and P. S. Mukherjee	Cu(II)-Azide polynuclear complexes of Cu ₄ building clusters with Schiff base co-ligands: synthesis, structures, magnetic and DFT studies	<i>Dalton Trans.</i> 2013 , 42, 4019.
97	S. Shanmugaraju, Arun K. Bar, D. Moon, P. S. Mukherjee	Coordination assembly of Pt ₄ macrocycles with organometallic backbone for sensing of acyclic dicarboxylic acids	<i>Dalton Trans</i> , 2013 , 42, 2998.
96	S. Shanmugaraju, H. Jadhav, Y. Patil, P. S. Mukherjee	Self-assembly of an octanuclear Pt(II) tetragonal prism from a new Pt ₄ organometallic building unit and its nitroaromatic explosives sensing	<i>Inorg. Chem.</i> 2012 , 51, 13072.
95	S. Anbu, S. Shanmugaraju, R. Ravishankaran, A. Karanda, P. S. Mukherjee	Naphthylhydrazone based selective and sensitive chemosensors for Cu(II)	<i>Dalton Trans.</i> 2012 , 41, 13330.
94	S. Anbu, S. Shanmugaraju, R. Ravishankaran, A. Karanda, P. S. Mukherjee	A phenanthrene based highly selective fluorogenic and visual sensor for Cu(II) with nanomolar detection limit	<i>Inorg. Chem. Comm.</i> 2012 , 25, 26.
93	D. Samanta, S. Mukherjee, Y. Patil, P. S. Mukherjee	Self-assembled Pd ₆ cage with triimidazole walls and use of its confined nanospace for catalytic Knoevenagel and Diels-Alder reactions in aqueous medium	<i>Chem. Eur. J.</i> 2012 , 18, 12322.

92	A. K. Bar, S. Mohapatra, P. S. Mukherjee	A series of Pd ₆ trifacial molecular barrels with porphyrin walls	<i>Chem. Eur. J.</i> 2012 , 18, 9571.
91	S. Mukherjee, Y. Patil, P. S. Mukherjee	Novel heterometallic chains featuring Mn(III) and Na(I) ions in trigonal prismatic geometries alternately linked to Mn(IV) octahedral ions: Synthesis, structures and detail magnetic study	<i>Inorg. Chem.</i> 2012 , 51, 4888.
90	S. Shanmugaraju, V. Vajpayee, K. Chi, P. J. Stang, P. S. Mukherjee	Coordination driven self-assembly of 2D metallacycles from a new carbazole based 90° dipyrityl donor: Synthesis, characterization, and C ₆₀ binding	<i>Inorg. Chem.</i> 2012 , 51, 4817.
89	S. Shanmugaraju, D. Samanta, P. S. Mukherjee	Self-assembly of Ru ₄ and Ru ₈ assemblies using Ru ₂ organometallic precursors: Synthesis, characterization and properties	<i>Beilstein J. Org. Chem.</i> 2012 , 8, 313. (Invited article for a special issue)
88	D. Samanta, S. Shanmugaraju, Y. Patil, M. Nethaji, P. S. Mukherjee	Pillar height dependent unprecedented Pd ₈ molecular swing and Pd ₆ molecular boat via multicomponent and C ₆₀ binding	<i>Chem. Commun.</i> 2012 , 48, 2298.
87	Arun K. Bar, S. Raghothama, P. S. Mukherjee	Three-component self-assembly of a series of interlocked Pd ₁₂ prisms and their non-interlocked analogues	<i>Chem. Eur. J.</i> 2012 , 18, 3199.
86	B. Gole, A. K. Bar, P. S. Mukherjee	Metal-organic framework for sensing of nitroaromatics	<i>Chem. Commun.</i> 2011 , 47, 12137.
85	K. C. Mondal, B. Gole, Y. Song, D. Turner, P. S. Mukherjee	Two new chains of Ni ₂ Na ₂ heterometallic double half-cubane building units: synthesis, structures and magnetic behavior	<i>J. Chem. Sci.</i> 2011 , 807. (Invited article for a special issue to mark the International Year

			of Chemistry)
84	S. Shanmugamraju, S. A. Joshi, P. S. Mukherjee	Self-assembly using of a new organometallic clip: synthesis, characterization and sensing study	<i>Inorg. Chem.</i> 2011 , 50, 11736.
83	S. Mukherjee, Y. P. Patil, P. S. Mukherjee	Cu-Azido polymers with various molar equivalents of blocking amines: Synthesis, structures and magnetic properties with DFT	<i>Dalton Trans.</i> 2012 , 54.
82	S. Shanmugamraju, S. A. Joshi, D. Samanta, P. S. Mukherjee	Coordination-driven self-assembly of 2D-metallamacrocycles using a shape-selective Pt ^{II} ₂ -organometallic 90° acceptor: design, synthesis and nitroaromatic sensing	<i>Dalton Trans.</i> 2011 , 40, 12333. (Invited Article for a special issue on Molecular Self-Assembly)
81	R. Chakrabarty, P. S. Mukherjee , P. J. Stang	Supramolecular coordination: Self-assembly of finite 2D and 3D ensembles	<i>Chem. Rev.</i> 2011 , 111, 6810.
80	B. Gole, S. Shanmugaraju, A. K. Bar, P. S. Mukherjee	Supramolecular polymer for explosives sensing: role of H-bonding in enhancement of sensitivity in solid state	<i>Chem. Commun.</i> 2011 , 47, 10046.
79	S. Shanmugamraju, S. A. Joshi, P. S. Mukherjee	Fluorescence and visual sensing of nitroaromatic explosives using electron rich discrete fluorophores	<i>J. Mater. Chem.</i> 2011 , 9130.
78	S. Mukherjee, B. Gole, Y. Song, P. S. Mukherjee	Synthesis, structures and magnetic behavior of a series of Cu ₄ -azide polymers of Cu ₄ building clusters and isolation of a new hemiaminal	<i>Inorg. Chem.</i> 2011 , 50, 3621.

		ether as metal complex	
77	V. Vajpayee, H. Kim, A. Mishra, P. S. Mukherjee , P. J. Stang,* M. H. Lee, K.W. Chi	Self-assembly of molecular squares using metal based acceptor: synthesis and application in sensing of nitroaromatics	<i>Dalton Trans.</i> 2011, 40, 3112.
76	A. K. Bar, R. Chakrabarty, P. S. Mukherjee	Coordination driven self-assembly of metallamacrocycles using ambidentate linkers and self-selection of single linkage isomer	<i>Inorg. Chim. Acta.</i> 2011, 372, 313. (Invited article for a special issue)
75	S. Shanmugamraju, A. K. Bar, S. Joshi, J. Patil, P. S. Mukherjee	Constructions of 2D-Metallamacrocycles Using Half-Sandwich RuII Precursors: Synthesis, Molecular Structures and Self-Selection for a Single Linkage Isomer	<i>Organometallics,</i> 2011, 30, 1951.
74	A. K. Bar, S. Shanmugamraju, P. S. Mukherjee	Self-assembly of Pd(II) neutral and cationic rectangles: syntheses, characterizations and nitroaromatics sensing	<i>Dalton Trans.</i> 2011, 40, 2257. (Invited article for a themed issue: New Talent from Asia).
73	W. Ming, V. Vajpayee, S. Shanmugamraju, P. S. Mukherjee , K. Chi, P. J. Stang	Coordination driven self-assembly of M ₃ L ₂ trigonal cages from preorganized metalloligands containing octahedral metal centers and fluorescent detection of nitroaromatics	<i>Inorg. Chem.</i> 2011, 50, 1506.

72	S. Shanmugamraju, A. K. Bar, P. S. Mukherjee	Ru-O bond directed self-assembly of a Ru ₈ incomplete prism: Synthesis, structure and shape selective molecular recognition study	<i>Inorg. Chem.</i> 2010 , 49, 10235.
71	S. Mukherjee, P. S. Mukherjee	A series of Cu-azido polymers of Cu ₆ building units and the role of chelating diamine in controlling their dimensionality: Synthesis, structures and magnetic behavior	<i>Inorg. Chem.</i> 2010 , 49, 10658.
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