

Complete List of Publications

Citation Data: Total Publications: 234; Total Citations: 17,956; Average Citations per paper: 68.39.
h-index: 71

Summary of publications:

- A) American Chemical Society's journals: Total publications: 99 (Inorg.Chem.-50, JOC-5, JACS-22, JACS-Au: 4, Orgmet-7, Chem. Rev. 2, Acc. Chem. Res. 1, Cryst Growth & Des. 3, ACS Omega 1, ACS Catalysis 2, Chem. Mater. 1, ACS-AMI. 1)
- B) Royal Society's journals: Total publications: 65 (Chem. Sci. 7, ChemComm: 25, 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: 41 (Angew Chem.: 12, Chem. Eur. J: 23, Eur J IC: 4, 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

Google Scholar Citation Link:

<https://scholar.google.com/citations?hl=en&pli=1&user=6szY5wQAAAAJ>

	Authors	Title	Journal
234	S. Dey, R. Banerjee, N. Hickey, P. S. Mukherjee	Post-Assembly Modification of a Pd ₆ Host and C ₇₀ Encapsulation to Enhance its ROS Mediated Terpene Oxidation Ability Under Visible Light	J. Am. Chem. Soc. 2025 ,147, under minor revision
233	M. Aggarwal, S.	Aqueous Separation of Styrene	Angew Chem. Int. Ed. 2025 , 64, accepted.

	Pradhan, P. S. Mukherjee	from Ethylbenzene Using a Water-Soluble Cyclophane	
232	R. Banerjee, P. Bhandari, N. Hick, P. S. Mukherjee	Guest-Shape Directed Structural Switching Between Two Isomers of a Pd ₆ Host and its Structural Adaptability for Selective Photodimerization	<i>J. Am. Chem. Soc.</i> 2025 , 147, 23049-23059.
231	S. Ali, D. Chakraborty, P.S. Mukherjee	Host-guest interaction-induced selective oxidation of substrate inside aqueous Pd ₆ L ₄ cage	<i>Chem. Sci.</i> 2025 , 16, https://doi.org/10.1039/D5SC02078F .
230	R. Banerjee, M. Ray, M. Aggarwal, S. Maji, D. Adhikari, P. S. Mukherjee	Transformation of a Pd ₆ trifacial barrel to a Pd ₈ tetrafacial barrel by C ₇₀ as guest and oxidative photolysis of alkenes using the C ₇₀ encapsulated barrel under red light	<i>Chem. Sci.</i> 2025 , 16, 12885 –12895.
229	V. A. Rinshad, P.K. Mitra, S. Pradhan, Y.A. Lakshmana, P.S. Mukherjee	Modulation of Photoluminescence of BODIHY Dye Using Water-Soluble Coordination Cages with Different Shapes	<i>Angew Chem. Int. Ed.</i> 2025 , 64, e202505772.
228	M. Agarwal, R. Banerjee, N. Hickey, P. S. Mukherjee	Formation of a Pd ₁₆ Molecular Basket Architecture of Reduced Symmetry and Angular Deviation in a Fluorenone Scaffold to Govern the Host–Guest Chemistry of Pd ₆ Trifacial Tubes	<i>JACS-Au</i> , 2025 , 5, 2368-2378.
227	V. A. Rinshad, S. Ali, N. Hickey, P. S.	Chemo-Selective Transformation of Anthracene	<i>Inorg. Chem.</i> 2025 , 64, 5619.

	Mukherjee	Derivative within Water-Soluble Coordination Cages Having Different Cavities	
226	S. Ali, V. A. Rinshad, P. S. Mukherjee	Solvent and concentration induced topological transformation of a Ru(II) based trigonal prism to a triply interlocked cage	Inorg. Chem. 2024 , <i>63</i> , 21423-21429.
225	M. Bashri, S. Kumar, P. Bhandari, S. Stephen, M. O'Connor, S. Gaber, T. Skorjanc, M. Finšgar, G. Luckachan, B. Belec, E. Alhseinat, P. S. Mukherjee , D. Shetty, Dinesh	Hydrazone-Linked Covalent Organic Framework Catalyst via Efficient Pd-recovery from Wastewater	ACS Appl. Mater. & Interfaces 2025 , <i>17</i> , 17804.
224	M. Aggarwal, R. Banerjee, N. Hickey, P. S. Mukherjee	Stimuli-Mediated Structural Interchange Between Pd ₆ and Pd ₁₂ Architectures: Selective Recognition of E-Stilbene by the Pd ₆ Architecture and its Photoprotection	Angew Chem. Int. Ed. 2024 , <i>63</i> , e202411513.
223	V. A. Rinshad, M. Aggarwal, J. Clegg, P. S. Mukherjee	Harnessing Pd ₄ Water-Soluble Molecular Capsule as a Size-Selective Catalyst for Targeted Oxidation of Alkyl Aromatics	JACS-Au , 2024 , <i>4</i> , 3238-3247.
222	D. Chakraborty, N. Kaur, J. Sahoo, N. Hickey, M. De, P. S. Mukherjee	Host-Guest Interactions Induced Enhancement of Oxidase-like Activity of Benzothiadiazole Dye Inside an Aqueous Pd ₈ L ₄ Barrel	J. Am. Chem. Soc. 2024 , <i>146</i> , 24901-24910.
221	D. Prajapati, J. K. Clegg, P. S. Mukherjee	Formation of low-symmetric Pd ₈ molecular barrel employing a hetero donor tetradentate ligand and its use in binding	Chem. Sci. 2024 , <i>15</i> , 12502-12510.

		and extraction of C ₇₀	
220	P. K. Maitra, S. Bhattacharyya, N. Hickey, P. S. Mukherjee	Self-assembly of a water-soluble Pd ₁₆ square bicupola architecture and its use in aerobic oxidation in aqueous media	<i>J. Am. Chem. Soc.</i> 2024, 146, 15301-15308.
219	S. Dey, M. Aggarwal, D. Chakraborty, P. S. Mukherjee	Uncovering tetrazoles as building blocks for constructing discrete and polymeric assemblies	<i>Chem. Commun.</i> 2024, 60, 5573-5585.
218	D. Chakraborty, S. Pradhan, J. Clegg, P. S. Mukherjee	Mechanically Interlocked Water-Soluble Pd ₆ Host for the Selective Separation of Coal Tar Based Planar Aromatic Molecules	<i>Inorg. Chem.</i> 2024, 63, 14924-14932. <i>Highlighted on the front cover of the issue.</i>
217	D. Bokotial, K. Acharyya, A. Chowdhury, P. S. Mukherjee	Pt(II)/Pd(II)-based Metallosupramolecular Architectures as Light Harvesting Systems and their Applications	<i>Angew Chem. Int. Ed.</i> 2024, 63, e202401136.
216	D. Prajapati, P. Bhandari, E. Zangrando, P. S. Mukherjee	A water-soluble Pd ₄ molecular tweezer for selective encapsulation of isomeric quinones and their recyclable extraction.	<i>Chem. Sci.</i> 2024, 15, 3616-3624.
215	P. K. Maitra, S. Bhattacharya, P. P. Chaudhury, P. S. Mukherjee	Coordination-induced Emissive Poly-NHC Derived Metallacage for Pesticide Detection	<i>Inorg. Chem.</i> 2024, 63, 2569-2576.
214	P. Bhandari, S. Ahmed, R. Saha, P. S. Mukherjee	Enhancing Fluorescence in Both Solution and Solid States Induced by Imine Cage	<i>Chem. Eur. J.</i> 2024, 30, e202303101.

		Formation	
213	A. Sainaba, R. Saha, M. Venkateswarulu, E. Zangrando, P. S. Mukherjee	A Pt(II) Tetrafacial Barrel with Aggregation Induced Emission for Sensing	<i>Inorg. Chem.</i> 2024 , 63, 508-517.
212	A. Sainaba, M. Venkateswarulu, P. Bhandari, J. Clegg, P. S. Mukherjee	Self-Assembly of an $[M_8L_{24}]^{16+}$ Intertwined Cube and a Giant $[M_{12}L_{16}]^{24+}$ Orthobicupola	<i>Angew Chem. Int. Ed.</i> 2024 , 63, e202315572.
211	D. Chakraborty, S. Ali, P. Chowdhury, N. Hickey, P. S. Mukherjee	Cavity Shape Dependent Divergent Chemical Reaction Inside Pd_6L_4 Cages	<i>J. Am. Chem. Soc.</i> 2023 , 145, 26973-26982.
210	P. Chaudhuri, P. K. Maitra, S. Bhattacharyya, P. S. Mukherjee	Rigidification-Induced Emissive Metal–Carbene Complexes for Artificial Light Harvesting	<i>Inorg. Chem.</i> 2023 , 62, 11037-11043.
209	R. Banerjee, S. Bhattacharyya, P. S. Mukherjee	Synthesis of an Adaptable Molecular Barrel and Guest Mediated Stabilization of its Metastable Higher Homologue	<i>JACS-Au</i> , 2023 3, 1998-2006.
208	D. Prajapati, P. Bhandari, H. Neil, P. S. Mukherjee	A Water-Soluble Pd_6L_3 Molecular Bowl for Separation of Phenanthrene from a Mixture of Isomeric Aromatic Hydrocarbons	<i>Inorg. Chem.</i> 2023 , 62, 9230-9239.
207	R. Banerjee, D. Chakraborty, W.T. Jhang, Y. T. Chan, P. S. Mukherjee	Structural Switching of a Distorted Trigonal Metal–Organic Cage to a Tetragonal Cage and Singlet Oxygen Mediated Oxidations	<i>Angew Chem. Int. Ed.</i> 2023 , 61, e202305338.
206	P. Bhandari and P. S. Mukherjee	Covalent Organic Cages in Catalysis	<i>ACS Catalysis</i> . 2023 , 13, 6126-6143.
205	R. Banerjee, D. Chakraborty, P. S. Mukherjee	Molecular Barrels as Potential Hosts: From Synthesis to Applications	<i>J. Am. Chem. Soc.</i> 2023 , 145, 7692.

204	S. Ahmed, A. Kumar, P. S. Mukherjee	Benzothiadiazole-based Pt(II) coordination polymer as efficient heterogeneous photocatalyst for visible-light-driven aerobic oxidative coupling of amines	<i>Chem. Commun.</i> 2023 , 59, 3229 -3232.
203	V. Rinshad, J. Sahoo, M. Venkateswarulu, N. Hickey, M. De, P. S. Mukherjee	Solvent Induced Conversion of a Self-Assembled Gyrobifastigium to a Barrel and Encapsulation of Zinc-Phthalocyanine within the Barrel for Enhanced Photodynamic Therapy	<i>Angew Chem. Int. Ed.</i> 2023 , 62, e202218226.
202	R. Saha, J. Sahoo, M. Venkateswarulu, M. De, P. S. Mukherjee	Shifting Triangle-Square Equilibrium of Self-Assembled Metallocycles by Guest Binding with Enhanced Photosensitization	<i>Inorg. Chem.</i> 2022 , 61, 17289-17298.
201	D. Chakraborty, R. Saha, J. Clegg, P. S. Mukherjee	Selective separation of planar and non-planar hydrocarbons using an aqueous Pd ₆ interlocked cage	<i>Chem. Sci.</i> 2022 , 13, 11764-11771.
200	S. Ahmed, A. Kumar, P. S. Mukherjee	Supramolecular Coordination Polymer Towards Artificial Light-Harvesting Systems with Sequential Energy Transfer	<i>Chem. Mater.</i> 2022 , 34, 9656-9665.
199	S. Ahmed, P. Howlader, S. Bhattacharyya, S. Mondal, E. Zangrando, P. S. Mukherjee	Fluorescence enhancement via structural rigidification inside a self-assembled Pd ₄ molecular vessel	<i>Chem. Commun.</i> 2022 , 58, 11390-11393.
198	P. Bhandari, P. S. Mukherjee	Post-Synthesis Conversion of an Unstable Imine Cage to a Stable Cage with Amide Moieties towards Selective Receptor for Fluoride	<i>Chem. Eur. J.</i> 2022 , 28, e202201901.
197	P. Howlader, S. Ahmad, S. Mondal,	Conformation-Selective Self-Assembly of Pd ₆ Trifacial	<i>Inorg. Chem.</i> 2022 , 61, 8121.

	E. Zangrando, P. S. Mukherjee	Molecular Barrels Using a Tetra-pyridyl Ligand	
196	B. S. Arppitha, M. Venkataswarulu, P. Bhandari, K. S. A. Arachchige, J. Clegg, P. S. Mukherjee	An Adaptable Water-Soluble Molecular Boat for Selective Separation of Phenanthrene from Isomeric Anthracene	J. Am. Chem. Soc. 2022, 144, 7504.
195	D. Chakraborty, P. S. Mukherjee	Recent Trends in Organic Cage Synthesis: Push Towards Water-Soluble Organic Cages	Chem. Commun. 2022, 58, 5558-5573. (Invited Contribution)
194	R. Saha, B. Mondal, P. S. Mukherjee	Molecular Cavity for Catalysis and Formation of Metal Nanoparticles for Use in Catalysis	Chem. Rev. 2022, 122, 12244-12307. (Invited Contribution)
193	K. Acharyya, S. Bhattacharyya, S. Lu, Y. Sun, P. S. Mukherjee , P. J. Stang	Emissive Platinum(II) Macrocycles as Tunable Cascade Energy Transfer Scaffolds	Angew Chem. Int. Ed. 2022, 61, e202200715.
192	A. Kumar, R. Banerjee, E. Zangrando, P. S. Mukherjee	Solvent and Counter-anion Assisted Dynamic Self-Assembly of Molecular Triangles and Tetrahedral Cages	Inorg. Chem. 2022, 61, 2368-2377.
191	P. Bhandari, B. Mondal, P. Howlader, P. S. Mukherjee	Face-Directed Tetrahedral Organic Cage Anchored Palladium Nanoparticles for Selective Homocoupling Reaction	Eur. J. Inorg. Chem. 2022, e202100986.
190	P. P. Choudhury, M. Venkateswaralu, S. Bhattacharyya, P. S. Mukherjee	Silver(I) – Carbene Bond Directed Rigidification Induced Emissive Metallacage for Picric Acid Detection	Inorg. Chem. 2022, 61, 713-722
189	P. Bhandari, R. Modak, S. Bhattacharya, E.	Self-assembly of Octanuclear Pt/Pd-Coordination Barrels and	JACS-Au, 2021 1, 2242-2246.

	Zangrando, P. S. Mukherjee	Uncommon Structural Isomerization of a Photochromic Guest	
188	P. Choudhury, M. Maity, S. Bhattacharyya, P. S. Mukherjee	A Self-Assembled Pd(II) Barrel for Binding of Fullerenes and Photosensitization Ability of the Fullerene Encapsulated Barrel	Angew. Chem. Int. Ed. 2021 , <i>60</i> , 14109.
187	D. Chakraborty, R. Modak, P. Howlader, P. S. Mukherjee	<i>De novo</i> approach for the synthesis of water-soluble interlocked and non-interlocked organic cages	Chem. Commun. 2021 , <i>57</i> , 3995-3997.
186	A. Kumar, R. Saha, P. S. Mukherjee	Self-assembled metallasupramolecular cages towards light harvesting systems for oxidative cyclization	Chem. Sci. 2021 , <i>12</i> , 5319-5329.
185	P. Howlader, S. Mondal, S. Ahamad, P. S. Mukherjee	Guest-Induced Enantioselective Self-Assembly of a Pd ₆ Homochiral Octahedral Cage with a C ₃ -Symmetric Pyridyl Donor	J. Am. Chem. Soc. 2020 , <i>142</i> , 20968-20972.
184	S. Bhattacharyya, S.K. Ali, M. Venkateswarulu, P. Howlader, E. Zangrando, M. De, P. S. Mukherjee	Self-Assembled Pd ₁₂ Coordination Cage as Photoregulated Oxidase-Like Nanozyme	J. Am. Chem. Soc. 2020 , <i>142</i> , 18981-18989.
183	P. Howlader, P. Bhandari, D. Chakraborty, J. K. Clegg, P. S. Mukherjee	Self-Assembly of a Pd ₈ Macrocycle and Pd ₁₂ Homochiral Tetrahedral Cages Using Poly(tetrazolate) Linkers	Inorg. Chem. 2020 , <i>59</i> , 15454-15459.
182	B. Mondal, P. Bhandari, P. S. Mukherjee	Nucleation of Tiny Silver Nanoparticles Using a Tetrafacial Organic Molecular Barrel for Potential Use in Visible Light Triggered Photocatalysis	Chem. Eur. J. 2020 , <i>26</i> , 15007-15015.

181	S. Bhattacharyya, M. Venkateswarulu, J. Sahoo, M. De, P. S. Mukherjee	A Self-assembled Pt ^{II} ₈ Metallosupramolecular Tubular Cage as Dual Warhead Antibacterial Agent in Water	<i>Inorg. Chem.</i> 2020 , 59, 12690-12699.
180	P. Howlader, E. Zangrando, P. S. Mukherjee	Self-Assembly of Enantiopure Pd ₁₂ Tetrahedral Homochiral Nanocages with Tetrazole Linkers and Chiral Recognition	<i>J. Am. Chem. Soc.</i> 2020 , 142, 9070. (Featured on the Front Cover of the JACS issue) Highlighted by the ACS as JACS-Spotlights
179	A. Kumar, P. S. Mukherjee	Multicomponent Self-Assembly of Pd(II)/Pt(II) Interlocked Molecular Cages: Cage to Cage Conversion and Self-Sorting in Aqueous Medium	<i>Chem. Eur. J.</i> 2020 , 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 , 59, 2083-2091.
177	R. Saha, P. S. Mukherjee	Chemistry of photoswitching molecules in confined nanospace of aqueous molecular vessels	<i>Dalton Trans.</i> 2020 , 49, 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. Nee se, P. P. Power, R. Sessoli, V. W. W. Yam, and H-C. Zhou	What is Inorganic Chemistry? (Editorial)	<i>Inorg. Chem.</i> 2019 , 58, 9515.
175	I. A. Bhat, E. Zangrando, P. S. Mukherjee	Coordination-Driven Self-Assembly of Discrete Molecular Nanotubular Architectures	<i>Inorg. Chem.</i> 2019 , 58, 11172.
174	K. Acharyya, S.	Self-Assembled Fluorescent	<i>J. Am. Chem. Soc.</i>

	Bhattacharyya, H. Sepehrpour, S. Chakraborty, S. Lu, B. Shi. X. Li, P. S. Mukherjee and P. J. Stang	Pt(II) Metallacycles as Artificial Light-Harvesting Systems	2019, 141, 14565.
173	P. P. Chowdhury, S. Bhattacharyya, M. Maity, S. Mukhopadhyay, P. Howlader, P. S. Mukherjee	Linkage induced enhancement in fluorescence in metal-carbene bond directed metallacycles and cages	Chem. Commun. 2019, 55, 8309.
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, 172, 67. (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, 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 Cu(II) paddlewheel cluster	<i>Israel J. Chem.</i> 2019 , 59, 292. (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	<i>ACS Omega</i> , 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	<i>J. Am. Chem. Soc.</i> 2018 , 140, 12592.
162	M. Maity, P. Howlader, P. S. Mukherjee	Coordination-Driven Self-Assembly of Cyclopentadienyl Capped Heterometallic Zr-Pd Cages	<i>Cryst. Growth & Des.</i> , 2018 , 18, 6956.
161	A. Aderonke, P. S. Mukherjee	Coordination self-assembly of discrete Pt-Ru prismatic cages	<i>Biel. J. Org. Chem.</i> 2018 , 14, 2242.
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	<i>Dalton Trans.</i> 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	<i>Chem. Eur. J.</i> 2018 , 23, 13938.
158	P. Howlader, B. Mondal, P. P. Chowdhury, E. Zangrando, P. S. Mukherjee	Self-assembled molecular barrels as containers for transient merocyanine and reverse photochromism	<i>J. Am. Chem. Soc.</i> 2018 , 140, 7952.
157	R. Saha, A. K. Ghosh, R. Samajder, P. S. Mukherjee	Self-assembled molecular spheroids and their proton conduction	<i>Inorg. Chem.</i> 2018 57, 6540.
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.	A chiral Pt ₁₂ tetrahedral cage and its use in catalytic Michael	<i>Chem. Commun.</i> 2018 54, 4814

	Howlader and P. S. Mukherjee	addition reaction	
154	B. Roy, A. Devaraj, R. Saha, S. Jharimune, K. W. Chi, P. S. Mukherjee	Catalytic intramolecular cycloaddition reaction using a discrete molecular architecture	Chem. Eur. J. 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	Chem. Eur. J. 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	J. Org. Chem. 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	Chem. Eur. J. 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	Inorg. Chem. 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	Inorg. Chem. 2017 , 56 , 3579
148	K. Acharyya, A. Chowdhury, B. Mondal, S. Chakraborty, P. S. Mukherjee	Building block dependent morphology modulation of cage nanoparticles and detection of nitroaromatics	Chem. Eur. J. 2017 , 23 , 8482.
147	S. Dasgupta and P. S. Mukherjee	Carboxylatopillar[n]arenes: A versatile class of water-soluble synthetic receptors	Org. Biomol. Chem. 2017 , 15 , 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 , 56 , 608
145	Chowdhury and P. S. Mukherjee	Vinyanthracene based compounds as electron rich sensors for explosives recognition	ChemPlusChem. 2016 , 82 , 1360.
144	P. Howlader and P. S. Mukherjee	Face and edge directed self-assembly Pd ₁₂ tetrahedral nanocages and their self-	Chem. Sci. 2016 , 7 , 5893.

		sorting	
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-Assembled Trinuclear Barrels	Inorg. Chem. 2016 , <i>55</i> , 1562.
138	B. Mondal, K. Acharyya, P. Howlader, P. S. Mukherjee	Molecular cage imregnated Pd nanoparticles: Efficient additive-free heterogeneous catalysts for cyanation of aryl halides	J. Am. Chem. Soc. 2016 , <i>138</i> , 1709.
137	A. Chowdhury, P. Howlader, P. S. Mukherjee	Crystallization induced emission enhancement of mechano-fluorochromic Pt(II) luminogen and its application for cysteine detection	Chem. Eur. J. 2016 , <i>22</i> , 1424.
136	P. Howlader, S. Mukherjee, R. Saha, P. S. Mukherjee	Conformation-selective coordination-driven self-assembly of a ditopic donor with Pd ^{II} acceptors	Dalton Trans. 2015 , 20493.
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