Koushik Ghosh

List of Publications by Year
in descending order

34	1,927	236833 25	395590 33
papers	citations	h-index	g-index

34	34	34	1871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roadmap to Biodegradable Plasticsâ€"Current State and Research Needs. ACS Sustainable Chemistry and Engineering, 2021, 9, 6170-6187.	3.2	112
2	Effect of Degradable Fiber Composition and Shape on Proppant Suspension. , 2018, , .		4
3	A metallo-biopolymer conjugate of elastin-like polypeptide: photoluminescence enhancement in the coacervate microenvironment. Journal of Biological Inorganic Chemistry, 2018, 23, 1153-1157.	1.1	3
4	Stimuli-Responsive Genetically Engineered Polymer Hydrogel Demonstrates Emergent Optical Responses. ACS Biomaterials Science and Engineering, 2016, 2, 1135-1142.	2.6	4
5	Evolution and characterization of a new reversibly photoswitching chromogenic protein, Dathail. Journal of Molecular Biology, 2016, 428, 1776-1789.	2.0	20
6	Multicolor Luminescence from Conjugates of Genetically Encoded Elastin-like Polymers and Terpyridine-Lanthanides. Macromolecular Chemistry and Physics, 2015, 216, 1856-1861.	1.1	9
7	Temperature-dependent morphology of hybrid nanoflowers from elastin-like polypeptides. APL Materials, 2014, 2, .	2.2	41
8	Metallo-Biopolymers: Conjugation Strategies and Applications. Polymer Reviews, 2014, 54, 627-676.	5.3	11
9	Polythiophenes in Biological Applications. Journal of Nanoscience and Nanotechnology, 2014, 14, 250-272.	0.9	33
10	Hydrogen Bond Partner Reorganization in the Coadsorption of a Monodendron and Pyridylethynyl Derivatives. Langmuir, 2011, 27, 1292-1297.	1.6	13
11	Foldamer Structuring by Covalently Bound Macromolecules. Journal of the American Chemical Society, 2011, 133, 19650-19652.	6.6	20
12	Self-Assembly of Dendritic Tris(crown ether) Hexagons and Their Complexation with Dibenzylammonium Cations. Journal of Organic Chemistry, 2010, 75, 7373-7380.	1.7	50
13	Engineering of Linear Molecular Nanostructures by a Hydrogen-Bond-Mediated Modular and Flexible Hostâ^'Guest Assembly. ACS Nano, 2010, 4, 5685-5692.	7.3	55
14	Metallosupramolecular Tetragonal Prisms via Multicomponent Coordination-Driven Template-Free Self-Assembly. Journal of the American Chemical Society, 2010, 132, 6282-6283.	6.6	153
15	Facile Self-Assembly of Dendritic Multiferrocenyl Hexagons and Their Electrochemistry. Organometallics, 2010, 29, 6137-6140.	1.1	37
16	Coordination-Driven Self-Assembly of Three-Dimensional Supramolecular Dendrimers. Inorganic Chemistry, 2010, 49, 4747-4749.	1.9	33
17	Coordination-Driven Self-Assembly of Truncated Tetrahedra Capable of Encapsulating 1,3,5-Triphenylbenzene. Inorganic Chemistry, 2010, 49, 10238-10240.	1.9	43
18	A Facile Approach toward Multicomponent Supramolecular Structures: Selective Self-Assembly via Charge Separation. Journal of the American Chemical Society, 2010, 132, 16873-16882.	6.6	254

#	Article	IF	Citations
19	Multicomponent Supramolecular Systems: Selfâ€Organization in Coordinationâ€Driven Selfâ€Assembly. Chemistry - A European Journal, 2009, 15, 7203-7214.	1.7	89
20	Construction of Endo-Functionalized Two Dimensional Metallacycles via Coordination-Driven Self-Assembly. Journal of Organic Chemistry, 2009, 74, 8516-8521.	1.7	27
21	Stoichiometric Control of Multiple Different Tectons in Coordination-Driven Self-Assembly: Preparation of Fused Metallacyclic Polygons. Journal of the American Chemical Society, 2009, 131, 12028-12029.	6.6	58
22	Facile Self-Assembly of Neutral Dendritic Metallocycles via Oxygen-to-Platinum Coordination. Journal of Organic Chemistry, 2009, 74, 7067-7074.	1.7	33
23	Construction of Multifunctional Cuboctahedra via Coordination-Driven Self-Assembly. Journal of the American Chemical Society, 2009, 131, 6695-6697.	6.6	104
24	Construction of Coordination-Driven Self-Assembled [5 + 5] Pentagons Using Metalâ^'Carbonyl Dipyridine Ligands. Inorganic Chemistry, 2009, 48, 5590-5592.	1.9	30
25	Synthesis of Six-Component Metallodendrimers via [3 + 3] Coordination-Driven Self-Assembly. Journal of Organic Chemistry, 2009, 74, 3524-3527.	1.7	26
26	Introduction of Heterofunctional Groups onto Molecular Hexagons via Coordination-Driven Self-Assembly. Journal of Organic Chemistry, 2009, 74, 4828-4833.	1.7	32
27	A New Family of Multiferrocene Complexes with Enhanced Control of Structure and Stoichiometry via Coordination-Driven Self-Assembly and Their Electrochemistry. Journal of the American Chemical Society, 2008, 130, 839-841.	6.6	160
28	Size Selective Self-Sorting in Coordination-Driven Self-Assembly of Finite Ensembles. Inorganic Chemistry, 2008, 47, 4706-4711.	1.9	85
29	Synthesis of a New Family of Hexakisferrocenyl Hexagons and Their Electrochemical Behavior. Journal of Organic Chemistry, 2008, 73, 8553-8557.	1.7	36
30	Coordination-Driven Self-Assembly of Cavity-Cored Multiple Crown Ether Derivatives and Poly[2]pseudorotaxanes. Journal of the American Chemical Society, 2008, 130, 5320-5334.	6.6	113
31	Self-Recognition in the Coordination-Driven Self-Assembly of Three-Dimensional M3L2 Polyhedra. Organic Letters, 2007, 9, 1561-1564.	2.4	56
32	A Highly Efficient Approach to the Self-Assembly of Hexagonal Cavity-Cored Tris[2]pseudorotaxanes from Several Components via Multiple Noncovalent Interactions. Journal of the American Chemical Society, 2007, 129, 14187-14189.	6.6	119
33	The Synthesis of New 60Â° Organometallic Subunits and Self-Assembly of Three-Dimensional M3L2 Trigonal-Bipyramidal Cages. Journal of Organic Chemistry, 2006, 71, 9464-9469.	1.7	29
34	Self-Assembly of Three-Dimensional M3L2 Cages via a New Flexible Organometallic Clip. Organic Letters, 2006, 8, 3991-3994.	2.4	35