

Saranyan Vijayaraghavan

List of Publications by Year in descending order

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16
papers

1,032
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516710

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docs citations

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times ranked

1627
citing authors

#	ARTICLE	IF	CITATIONS
1	A surface-anchored molecular four-level conductance switch based on single proton transfer. <i>Nature Nanotechnology</i> , 2012, 7, 41-46.	31.5	255
2	Five-vertex Archimedean surface tessellation by lanthanide-directed molecular self-assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6678-6681.	7.1	123
3	Assembly and Manipulation of Rotatable Cerium Porphyrinato Sandwich Complexes on a Surface. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3872-3877.	13.8	91
4	How Surface Bonding and Repulsive Interactions Cause Phase Transformations: Ordering of a Prototype Macrocyclic Compound on Ag(111). <i>ACS Nano</i> , 2013, 7, 3139-3149.	14.6	85
5	Two-Dimensional Short-Range Disordered Crystalline Networks from Flexible Molecular Modules. <i>ACS Nano</i> , 2012, 6, 4258-4265.	14.6	65
6	Surface-Assisted Cyclodehydrogenation; Break the Symmetry, Enhance the Selectivity. <i>Chemistry - A European Journal</i> , 2015, 21, 12285-12290.	3.3	57
7	Supramolecular Assembly of Interfacial Nanoporous Networks with Simultaneous Expression of Metal-Organic and Organic Bonding Motifs. <i>Chemistry - A European Journal</i> , 2013, 19, 14143-14150.	3.3	55
8	Current-Driven Supramolecular Motor with In Situ Surface Chiral Directionality Switching. <i>Nano Letters</i> , 2015, 15, 4793-4798.	9.1	54
9	Selective Supramolecular Fullerene-Porphyrin Interactions and Switching in Surface-Confined C60-Ce(TPP)2 Dyads. <i>Nano Letters</i> , 2012, 12, 4077-4083.	9.1	46
10	Self-Terminating Protocol for an Interfacial Complexation Reaction <i>in Vacuo</i> by Metal-Organic Chemical Vapor Deposition. <i>ACS Nano</i> , 2013, 7, 4520-4526.	14.6	41
11	Five-Vertex Lanthanide Coordination on Surfaces: A Route to Sophisticated Nanoarchitectures and Tessellations. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12908-12915.	3.1	34
12	Controlled Modification of Superconductivity in Epitaxial Atomic Layer-Organic Molecule Heterostructures. <i>Nano Letters</i> , 2017, 17, 2287-2293.	9.1	34
13	Visualizing the Product of a Formal Cycloaddition of 7,7,8,8-tetracyanoquinodimethane (TCNQ) to an Acetylene-Appended Porphyrin by Scanning Tunneling Microscopy on Au(111). <i>Chemistry - A European Journal</i> , 2011, 17, 5246-5250.	3.3	33
14	Controlling the Dimensionality and Structure of Supramolecular Porphyrin Assemblies by their Functional Substituents: Dimers, Chains, and Close-Packed 2D Assemblies. <i>Chemistry - A European Journal</i> , 2012, 18, 14610-14613.	3.3	19
15	Restoring the Co Magnetic Moments at Interfacial Co-Porphyrin Arrays by Site-Selective Uptake of Iron. <i>ACS Nano</i> , 2015, 9, 3605-3616.	14.6	17
16	In Situ Growth of Gadolinium Phthalocyaninato Sandwich Complexes on the Ag(111) Surface. <i>ChemPhysChem</i> , 2019, 20, 2301-2304.	2.1	4