

# Swaminathan Shanmugan

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

110  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-covalent polyhedral oligomeric silsesquioxane-polyoxometalates as inorganic-organic-inorganic hybrid materials for visible-light photocatalytic splitting of water. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2666-2677.	6.0	19
2	A superhydrophobic covalent zeolitic imidazolate framework-polyhedral oligomeric silsesquioxane hybrid material as a highly efficient and reusable sorbent for organic solvents. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2288-2298.	6.0	15
3	A single-ion single-electron cerrous magnet. <i>Dalton Transactions</i> , 2019, 48, 15928-15935.	3.3	14
4	Synthesis and structural and DNA binding studies of mono- and dinuclear copper(II) complexes constructed with $\beta$ -O and $\beta$ -N donor ligands: Potential anti-skin cancer drugs. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3998.	3.5	11
5	Multisite Coordination Ligands on Cyclotriphosphazene Core for the Assembly of Metal Clusters and Porous Coordination Polymers. <i>ChemistrySelect</i> , 2021, 6, 1478-1507.	1.5	10
6	The design and synthesis of an innovative octacarboxy-silsesquioxane building block. <i>Chemical Communications</i> , 2014, 50, 11008-11011.	4.1	9
7	Identification of a Grotthuss proton hopping mechanism at protonated polyhedral oligomeric silsesquioxane (POSS) water interface. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 701-709.	9.4	9
8	Sodium ion intercalation and multi redox behavior of a Keggin type polyoxometalate during $[\text{PMo}_{10}\text{V}_2\text{O}_{40}]^{5-}$ to $[\text{PMo}_{10}\text{V}_2\text{O}_{40}]^{27-}$ as a cathode material for Na-ion rechargeable batteries. <i>RSC Advances</i> , 2021, 11, 19378-19386.	3.6	8
9	Assembly of Discrete and Oligomeric Structures of Organotin Double-decker Silsesquioxanes: Inherent Stability Studies. <i>New Journal of Chemistry</i> , 0, , .	2.8	8
10	Synthesis and spectroscopic characterization of tris( <i>tert</i> -butoxy)siloxy titanium and hafnium complexes: Molecular precursor to $[\text{M}/\text{Si}/\text{O}]$ (M = Ti, Hf) materials. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 977-983.	1.6	3
11	Multifunctionality-assisted supramolecular architecture formation in <i>tert</i> -butyl phosphonic acid adducts with cytosine and adenine. <i>Emergent Materials</i> , 2021, 4, 597-606.	5.7	2