

# Sampath B Alahakoon

## List of Publications by Year in descending order

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16  
papers

902  
citations

840776

11  
h-index

1058476

14  
g-index

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16  
docs citations

16  
times ranked

1354  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Elastic Hydrogen-Bonded Cross-Linked Organic Framework for Effective Iodine Capture in Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 7172-7175.	13.7	218
2	Design Principles for Covalent Organic Frameworks in Energy Storage Applications. <i>ChemSusChem</i> , 2017, 10, 2116-2129.	6.8	149
3	Supramolecular design in 2D covalent organic frameworks. <i>Chemical Society Reviews</i> , 2020, 49, 1344-1356.	38.1	121
4	An azine-linked hexaphenylbenzene based covalent organic framework. <i>Chemical Communications</i> , 2016, 52, 2843-2845.	4.1	96
5	Enhanced Structural Organization in Covalent Organic Frameworks Through Fluorination. <i>Chemistry - A European Journal</i> , 2017, 23, 4255-4259.	3.3	52
6	2D-Covalent Organic Frameworks with Interlayer Hydrogen Bonding Oriented through Designed Nonplanarity. <i>Journal of the American Chemical Society</i> , 2020, 142, 12987-12994.	13.7	51
7	Computational and Experimental Studies on the Effects of Monomer Planarity on Covalent Organic Framework Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 10506-10513.	13.7	46
8	Synthesis of Imine-Based Covalent Organic Frameworks Catalyzed by Metal Halides and <i>in Situ</i> Growth of Perovskite@COF Composites. , 2020, 2, 1561-1566.		43
9	Hierarchical Porous Carbon Arising from Metal-Organic Framework-Encapsulated Bacteria and Its Energy Storage Potential. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 11884-11889.	8.0	33
10	Metal Oxide Catalysts for the Synthesis of Covalent Organic Frameworks and One-Step Preparation of Covalent Organic Framework-Based Composites. <i>Chemistry of Materials</i> , 2021, 33, 6158-6165.	6.7	25
11	Supramolecular Reinforcement of a Large-Pore 2D Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2022, 144, 2468-2473.	13.7	24
12	Experimental and theoretical insight into the effect of fluorine substituents on the properties of azine linked covalent organic frameworks. <i>CrystEngComm</i> , 2017, 19, 4882-4885.	2.6	23
13	High Surface Area Carbon Fiber Supercapacitor Electrodes Derived from an <i>In Situ</i> Porogen Containing Terpolymer: Poly(acrylonitrile- <i>co</i> -1-vinylimidazole- <i>co</i> -itaconic Acid). <i>ACS Applied Energy Materials</i> , 2021, 4, 8988-8999.	5.1	9
14	High-Strength, Microporous, Two-Dimensional Polymer Thin Films with Rigid Benzoxazole Linkage. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1861-1873.	8.0	7
15	Synthesis of Side-Chain-Free Hydrazone-Linked Covalent Organic Frameworks through Supercritical Carbon Dioxide Activation. <i>Organic Materials</i> , 2021, 03, 277-282.	2.0	5
16	Frontispiece: Enhanced Structural Organization in Covalent Organic Frameworks Through Fluorination. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0