

# Thalasseril G Ajithkumar

## List of Publications by Year in descending order

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14  
papers

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1040056

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1125743

13  
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docs citations

15  
times ranked

559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent Self-Assembly in Two Dimensions: Connecting Covalent Organic Framework Nanospheres into Crystalline and Porous Thin Films. <i>Journal of the American Chemical Society</i> , 2019, 141, 20371-20379.	13.7	166
2	Size Dependent Coordination Behavior and Cation Distribution in MgAl <sub>2</sub> O <sub>4</sub> Nanoparticles from <sup>27</sup> Al Solid State NMR Studies. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14737-14744.	3.1	64
3	Porous covalent organic nanotubes and their assembly in loops and toroids. <i>Nature Chemistry</i> , 2022, 14, 507-514.	13.6	46
4	Photocatalytic Hydrogen Generation and CO <sub>2</sub> Conversion Using g-C <sub>3</sub> N <sub>4</sub> Decorated Dendritic Fibrous Nanosilica: Role of Interfaces between Silica and g-C <sub>3</sub> N <sub>4</sub> . <i>ACS Applied Energy Materials</i> , 2020, 3, 8150-8158.	5.1	42
5	Dual Nanomechanics in Anisotropic Porous Covalent Organic Framework Janus-Type Thin Films. <i>Journal of the American Chemical Society</i> , 2022, 144, 400-409.	13.7	32
6	Chlorine-free extraction and structural characterization of cellulose nanofibers from waste husk of millet ( <i>Pennisetum glaucum</i> ). <i>International Journal of Biological Macromolecules</i> , 2022, 206, 92-104.	7.5	30
7	Ionic Conductivity of Na <sub>3</sub> Al <sub>2</sub> P <sub>3</sub> O <sub>12</sub> Glass Electrolytes—Role of Charge Compensators. <i>Inorganic Chemistry</i> , 2021, 60, 12893-12905.	4.0	20
8	Effect of oxalic acid and sulphuric acid hydrolysis on the preparation and properties of pineapple pomace derived cellulose nanofibers and nanopapers. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1745-1759.	7.5	15
9	Structural elucidation of NASICON (Na <sub>3</sub> Al <sub>2</sub> P <sub>3</sub> O <sub>12</sub> ) based glass electrolyte materials: effective influence of boron and gallium. <i>RSC Advances</i> , 2018, 8, 14422-14433.	3.6	12
10	FeN <sub>x</sub> /FeS <sub>x</sub> -Anchored Carbon Sheet—Carbon Nanotube Composite Electrocatalysts for Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2020, 3, 2234-2245.	5.0	12
11	Elucidating the influence of structure and Ag <sup>+</sup> -Na <sup>+</sup> ion-exchange on crack-resistance and ionic conductivity of Na <sub>3</sub> Al <sub>1.8</sub> Si <sub>1.65</sub> P <sub>1.8</sub> O <sub>12</sub> glass electrolyte. <i>Acta Materialia</i> , 2022, 227, 117745.	7.9	6
12	Preparation of colourless phosphate glass by stabilising higher Fe[II] in microwave heating. <i>Scientific Reports</i> , 2018, 8, 6195.	3.3	4
13	Dynamics in Amine-Functionalized Mesoporous Hybrid Materials Probed through Deuterium Magic Angle Spinning NMR and Molecular Dynamic Simulations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6154-6170.	3.1	0
14	Correlation between the structure and dielectric constant of Bi <sub>0.5</sub> (Na <sub>1-x</sub> Li <sub>x</sub> ) <sub>0.5</sub> TiO <sub>3</sub> (0 ≤ x ≤ 0.20) solid solutions. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2021, 3, 49-56.	1.2	0