

Thalasseril G Ajithkumar

List of Publications by Year in descending order

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14
papers

451
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1040056

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g-index

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15
docs citations

15
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidating the influence of structure and Ag ⁺ -Na ⁺ ion-exchange on crack-resistance and ionic conductivity of Na ₃ Al _{1.8} Si _{1.65} P _{1.8} O ₁₂ glass electrolyte. <i>Acta Materialia</i> , 2022, 227, 117745.	7.9	6
2	Porous covalent organic nanotubes and their assembly in loops and toroids. <i>Nature Chemistry</i> , 2022, 14, 507-514.	13.6	46
3	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
4	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
5	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
6	Correlation between the structure and dielectric constant of Bi _{0.5} (Na _{1-x} Li _x) _{0.5} TiO ₃ (0 ≤ x ≤ 0.20) solid solutions. <i>International Journal of Ceramic Engineering & Science</i> , 2021, 3, 49-56.	1.2	0
7	Ionic Conductivity of Na ₃ Al ₂ P ₃ O ₁₂ Glass Electrolytes: Role of Charge Compensators. <i>Inorganic Chemistry</i> , 2021, 60, 12893-12905.	4.0	20
8	Photocatalytic Hydrogen Generation and CO ₂ Conversion Using g-C ₃ N ₄ Decorated Dendritic Fibrous Nanosilica: Role of Interfaces between Silica and g-C ₃ N ₄ . <i>ACS Applied Energy Materials</i> , 2020, 3, 8150-8158.	5.1	42
9	Fe _x /FeS _x -Anchored Carbon Sheet-Carbon Nanotube Composite Electrocatalysts for Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2020, 3, 2234-2245.	5.0	12
10	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
11	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
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	Structural elucidation of NASICON (Na ₃ Al ₂ P ₃ O ₁₂) based glass electrolyte materials: effective influence of boron and gallium. <i>RSC Advances</i> , 2018, 8, 14422-14433.	3.6	12
14	Size Dependent Coordination Behavior and Cation Distribution in MgAl ₂ O ₄ Nanoparticles from ²⁷ Al Solid State NMR Studies. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14737-14744.	3.1	64