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## Scopus: Affiliation Alert: The Gandhigram Rural Institute

| SL. No | Document Title                                                                                                                                                                                     | Authors                                                                               | Year | Source                                       |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|----------------------------------------------|
| 1.     | Synergistic enhancement of methylene blue degradation using r-GO supported ZrO <sub>2</sub> under UV-Vis irradiation: An efficient photocatalytic approach for wastewater treatment<br>Open Access | Queen, S.A.,<br>Aravinthkumar, K.,<br>Suganandam, K.,<br>Mohan, C.R.,<br>Rajammal, R. | 2026 | <i>Next Materials</i> , 13, art. no. 103532. |

## Google Scholar Alerts: Citations

### 1. Citations to Articles by Perumal Karthikeyan

[Synthesis of Hollow BiOCl-Decorated Bimetallic MOF \(Bi/In\)/Ti<sub>3</sub>C<sub>2</sub>Tx MXene for the Photodegradation of Rhodamine B](#)

L Ghaedrahmati, M Jafarzadeh - *Langmuir*

Hollow microspherical bimetallic metal-organic frameworks (MOFs) were formed in situ in the presence of bismuth (Bi<sup>3+</sup>) and indium (In<sup>3+</sup>) cations, which serve as the primary components of the MOF secondary building units. In contrast, the monometallic counterparts, Bi-MOF and In-MOF, exhibited distinct morphologies: polyhedral particles and microrods, respectively. Morphological and structural analyses revealed that the hollow microspheres are composed of bismuth ...

• **Cites: Two-dimensional (2D) Ti<sub>3</sub>C<sub>2</sub>Tx MXene nanosheets with superior ...**

[Nitrate adsorption from wastewater using calcined golden apple snail shells](#)

J Torit, P Thongsa-ard, C Sapanthong, D Phihusut - *Results in Materials*, 2026

Discharging excess nitrate concentration in water bodies contributes to eutrophication. Golden apple snail shell (GAS) was utilized as an adsorbent for nitrate treatment from aqueous solution by a batch system. The efficiency of nitrate removal is found to increase with high temperature calcination (800° C) of the adsorbent. The nitrate adsorption rate reached equilibrium time within 2 hours and had a removal efficiency of 84%. The nitrate adsorption capacity of the adsorbent ...

• **Cites: Development of sodium alginate@ ZnFe-LDHs functionalized ...**

### 2. Citations to Articles by Prof. K. P. Elango

[Secondary Amines Derived from Salicylaldehyde 8-Aminoquinoline: From Structural Flexibility to Antimicrobial Activity, Biomolecular Binding and Developmental ...](#)

M Dizdar, S Fetahović, A Višnjevac, S Roca, M Fočak... - Journal of Molecular ..., 2026

Reduced Schiff-base-derived secondary amines are often considered mainly as saturated analogues of imine precursors, although conversion of the azomethine group into a-CH 2-NH-unit generates a distinct secondary amine scaffold with altered flexibility, protonation behavior and hydrogen-bonding capacity. These structural features may be relevant for interactions in biological media, but their specific contribution requires direct comparison with the corresponding imines. Here ...

- **Cites: Metal complexes of naphthoquinone based ligand: synthesis ...**

### 3. Citation to Articles by Murugan Arunachalam

[Modular Control of Glass Transition and Transparency in ROMP-Derived Oxanorbornene Polymers](#)

H Kim, SH Lee, H Yeo - ACS Macro Letters

Achieving both high optical transparency and high glass-transition temperature (T<sub>g</sub>) remains challenging in cyclic olefin polymers. Here, ring-opening metathesis polymerization (ROMP)-derived oxanorbornene polymers enable modular tuning of these competing properties through imide N-substitution and comonomer architecture. P-OCy exhibited a T<sub>g</sub> of 224.5 °C with 94.9% transmittance at 400 nm. Flexible ester comonomers improved transparency but reduced T<sub>g</sub> to 121.1–146.4 ...

- **Cites: Ion conducting ROMP monomers based on (oxa) norbornenes with ...**

### 4. Citation to Articles by M.G.Sethuraman

[Green-synthesized nanomaterials for bio-waste valorization: Recent advances, and future perspectives](#)

S Sahoo, N Das, P Kamila, A Dutta, D Ash, A Mandal... - ..., Monitoring & Management, 2026

Scope Traditional methods for nanomaterials synthesis involve consumption of high energy, use of hazardous chemicals and generation of toxic by-products with significant environmental and health risks. The purpose of this review is to provide an overview of the principles and methods of green synthesized nanoparticles from various sources, reaction conditions, and applications stressing upon the synthesis of nanoparticles from bio wastes generated from different sources. Methods The ...

- **Cites: Green synthesis of silver nanoparticles using Terminalia cuneata ...**

### 5. Citation to Articles by Kirubakaran V

[A socio-techno-economic optimization model with behavioral participation for on-site PV and workplace V2G under capacity-payment peak shaving in the Russian ...](#)

A Eltwam, M Dolmatova - Applied Energy, 2027

This paper develops a socio-techno-economic optimization framework for the coordinated use of behind-the-meter photovoltaic (PV) generation and workplace vehicle-to-grid (V2G) services by a large industrial consumer under the Russian electricity market and capacity-payment structure. The model is formulated over a 10- year discounted-cash-flow (DCF) horizon with monthly settlement and representative- day hourly operation. Unlike dominant techno-economic formulations that assume ...

- **Cites: Socio-techno-economic-environmental analysis of vehicle-to-grid ...**

### 6. Citation to Articles by Dr.Lalith Pankaj Raj

[A socio-techno-economic optimization model with behavioral participation for on-site PV and workplace V2G under capacity-payment peak shaving in the Russian ...](#)

A Eltwam, M Dolmatova - Applied Energy, 2027

This paper develops a socio-techno-economic optimization framework for the coordinated use of behind-the-meter photovoltaic (PV) generation and workplace vehicle-to-grid (V2G) services by a large industrial consumer under the Russian electricity market and capacity-payment structure. The model is formulated over a 10- year discounted-cash-flow (DCF) horizon with monthly settlement and representative- day hourly operation. Unlike dominant techno-economic formulations that assume ...

**Cites: Socio-techno-economic-environmental analysis of vehicle-to-grid ....**

#### **7. Citation to Articles by Dr. S. A. John**

[Chiral Covalent Organic Frameworks for Enantioselective Sensing: Electrochemical, Electrochemiluminescence, and Photoelectrochemical Platforms](#)

LK Wang, JK Zhu, XY Pei, KD Chen, SH Wang, DD Zhu... - Chemosensors, 2026

Chiral covalent organic frameworks (CCOFs) merge the structural versatility of covalent organic frameworks with chirality, offering a powerful platform for enantioselective electrochemical sensing. This review comprehensively summarizes recent advances in CCOF-based sensors, focusing on signal transduction mechanisms. Three primary synthetic strategies (direct synthesis, post-synthetic modification, and chiral induction) and four electrode immobilization approaches ...

• **Cites: Covalent organic framework film as an effective electrocatalyst for**

#### **8. Citation to Articles by MR Rajan**

[Constructing an internal electric field-induced metal-organic framework heterojunction on dopamine-coated cellulose to enhance photocatalytic performance](#)

Y Lin, J Wang, F Xu, X Qin, Q Li, G Chen, L Yan, Z Li... - Separation and Purification ..., 2026

Constructing an internal electric field (IEF) in MOF-based materials effectively optimizes the band structure, which realizes efficient separation and directional migration of photogenerated electrons. Nevertheless, the recyclability and interfacial compatibility of MOF materials remain major challenges for practical applications. In order to meet those requirements, the carboxylation modified cellulose fiber is used to introduce the uniform growth of polydopamine onto the surface of the cellulose ...

• **Cites: Design and engineering of metal-organic frameworks for energy ...**

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## 1. Journal of Banking Information Technology and Management

### Journal of Banking, Information Technology and Management

A Refereed Peer Reviewed International Journal of  
Research Development Research Foundation

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