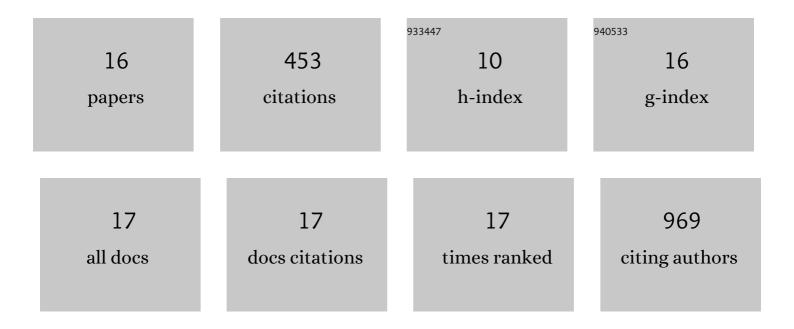
Manila Ozhukil Valappil

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Phosphorene quantum dots: synthesis, properties and catalytic applications. Nanoscale, 2022, 14, 1037-1053. | 5.6 | 9 |
| 2 | The Influence of Monolayer and Multilayer Diazonium Functionalities on the Electrochemical Oxidation of Nanoporous Carbons. Journal of the Electrochemical Society, 2022, 169, 031512. | 2.9 | 3 |
| 3 | Phosphorene Oxide Quantum Dots Decorated ZnO Nanostructure-Based Hydrogen Gas Sensor. IEEE Sensors Journal, 2021, 21, 7283-7290. | 4.7 | 10 |
| 4 | Corrosion Susceptibility of Mesoporous Carbons: Evidential Understanding of the Effects of Quasi-Passive Oxide Formation. ECS Meeting Abstracts, 2021, MA2021-02, 541-541. | 0.0 | 1 |
| 5 | Tungsten disulfide Quantum Dots Based Disposable Paper Based Lab on GenoChip for Specific Meningitis DNA Detection. Journal of the Electrochemical Society, 2020, 167, 107501. | 2.9 | 18 |
| 6 | Electrochemical transformation of black phosphorous to phosphorene quantum dots: effect of nitrogen doping. Materials Research Express, 2020, 7, 014005. | 1.6 | 5 |
| 7 | Bismuthene nanosheets produced by ionic liquid assisted grinding exfoliation and their use for oxygen reduction reaction. RSC Advances, 2020, 10, 43585-43591. | 3.6 | 13 |
| 8 | Electrochemically chopped WS ₂ quantum dots as an efficient and stable electrocatalyst for water reduction. Catalysis Science and Technology, 2019, 9, 223-231. | 4.1 | 32 |
| 9 | Electrochemically Exfoliated Porous WS ₂ Nanosheets: A Potential Electrochemical Sensing Platform for Chlorpromazine Detection. Journal of the Electrochemical Society, 2019, 166, B749-B755. | 2.9 | 18 |
| 10 | Role of Structural Distortion in Stabilizing Electrosynthesized Blue-Emitting Phosphorene Quantum Dots. Journal of Physical Chemistry Letters, 2019, 10, 973-980. | 4.6 | 10 |
| 11 | Adsorption Kinetics of WS ₂ Quantum Dots onto a Polycrystalline Gold Surface. Langmuir, 2018, 34, 5374-5380. | 3.5 | 3 |
| 12 | A single-step, electrochemical synthesis of nitrogen doped blue luminescent phosphorene quantum dots. Chemical Communications, 2018, 54, 11733-11736. | 4.1 | 21 |
| 13 | A Singleâ€Step Electrochemical Synthesis of Luminescent WS ₂ Quantum Dots. Chemistry - A European Journal, 2017, 23, 9144-9148. | 3.3 | 52 |
| 14 | Spotlighting graphene quantum dots and beyond: Synthesis, properties and sensing applications. Applied Materials Today, 2017, 9, 350-371. | 4.3 | 89 |
| 15 | Atomic Layers in Electrochemical Biosensing Applications - Graphene and Beyond. Current Organic Chemistry, 2015, 19, 1163-1175. | 1.6 | 13 |
| 16 | Nanoporous graphene by quantum dots removal from graphene and its conversion to a potential oxygen reduction electrocatalyst via nitrogen doping. Energy and Environmental Science, 2014, 7, 1059. | 30.8 | 156 |