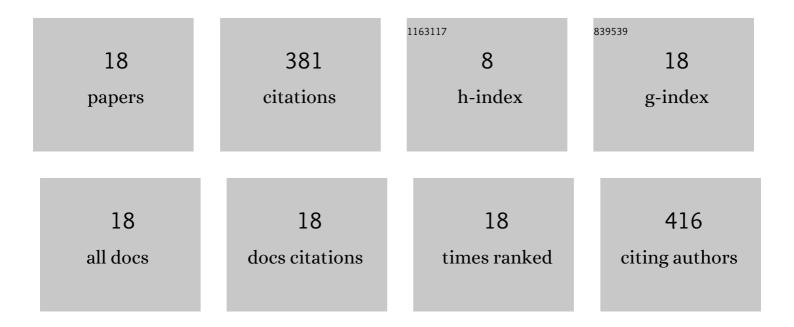
Sheela Chandren

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Oil Palm (Elaeis guineensis) Biomass in Malaysia: The Present and Future Prospects. Waste and Biomass Valorization, 2019, 10, 2099-2117. | 3.4 | 128 |
| 2 | Structure and properties of oil palm-based nanocellulose reinforced chitosan nanocomposite for efficient synthesis of butyl butyrate. Carbohydrate Polymers, 2017, 176, 281-292. | 10.2 | 58 |
| 3 | Characterization, optimization and stability studies on Candida rugosa lipase supported on nanocellulose reinforced chitosan prepared from oil palm biomass. International Journal of Biological Macromolecules, 2018, 114, 306-316. | 7.5 | 41 |
| 4 | Enzymatic synthesis of butyl butyrate by Candida rugosa lipase supported on magnetized-nanosilica from oil palm leaves: Process optimization, kinetic and thermodynamic study. Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 105-118. | 5.3 | 36 |
| 5 | Textile/Al ₂ O ₃ –TiO ₂ nanocomposite as an antimicrobial and radical scavenger wound dressing. RSC Advances, 2016, 6, 8188-8197. | 3.6 | 25 |
| 6 | Effect of operative variables and kinetic study of butyl butyrate synthesis by Candida rugosa lipase activated by chitosan-reinforced nanocellulose derived from raw oil palm leaves. Enzyme and Microbial Technology, 2019, 130, 109367. | 3.2 | 25 |
| 7 | Taguchi orthogonal design assisted immobilization of Candida rugosa lipase onto nanocellulose-silica reinforced polyethersulfone membrane: physicochemical characterization and operational stability. Cellulose, 2021, 28, 5669. | 4.9 | 15 |
| 8 | Capillary electrophoresis for the analysis of antidepressant drugs: A review. Journal of Separation Science, 2019, 42, 906-924. | 2.5 | 9 |
| 9 | Influence of Solvents' Polarity on the Physicochemical Properties and Photocatalytic Activity of Titania Synthesized Using Deinbollia pinnata Leaves. Frontiers in Chemistry, 2020, 8, 597980. | 3.6 | 6 |
| 10 | Structure and properties of lipase activated by cellulose-silica polyethersulfone membrane for production of pentyl valerate. Carbohydrate Polymers, 2020, 245, 116549. | 10.2 | 6 |
| 11 | Hydrophobic effect of silica functionalized with silylated Ti-salicylaldimine complex on limonene oxidation by aqueous hydrogen peroxide. Journal of Chemical Sciences, 2015, 127, 1905-1917. | 1.5 | 5 |
| 12 | Fire-retardancy of wood coated by titania nanoparticles. AIP Conference Proceedings, 2019, , . | 0.4 | 5 |
| 13 | Preparation of Titania on Stainless Steel by the Spray-ILGAR Technique as Active Photocatalyst under UV Light Irradiation for the Decomposition of Acetaldehyde. Applied Sciences (Switzerland), 2017, 7, 698. | 2.5 | 4 |
| 14 | One-Dimensional-Like Titania/4′-Pentyl-4-Biphenylcarbonitrile Composite Synthesized Under Magnetic Field and its Structure–Photocatalytic Activity Relationship. Frontiers in Chemistry, 2018, 6, 370. | 3.6 | 4 |
| 15 | Performance of Candida rugosa lipase supported on nanocellulose-silica-reinforced polyethersulfone membrane for the synthesis of pentyl valerate: Kinetic, thermodynamic and regenerability studies. Molecular Catalysis, 2021, 514, 111852. | 2.0 | 4 |
| 16 | Biosynthesis of Gold Nanoisotrops Using Carallia brachiata Leaf Extract and Their Catalytic Application in the Reduction of 4-Nitrophenol. Frontiers in Chemistry, 2021, 9, 800145. | 3.6 | 4 |
| 17 | Titania-Loaded Coal Char as Catalyst in Oxidation of Styrene with Aqueous Hydrogen Peroxide. International Journal of Chemical Reactor Engineering, 2017, 15, . | 1.1 | 3 |
| 18 | Physicochemical properties and operational stability of Taguchi design-optimized Candida rugosa lipase supported on biogenic silica/magnetite/graphene oxide for ethyl valerate synthesis. Advanced Powder Technology, 2022, 33, 103374. | 4.1 | 3 |