# Ravindra V Adivarekar

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 484 citations | 759233 12 h-index | 713466 21 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 608 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hemostasis and anti-necrotic activity of wound-healing dressing containing chitosan nanoparticles. International Journal of Biological Macromolecules, 2019, 121, 936-946. | 7.5 | 71 |
| 2 | Cytotoxicity and hemostatic activity of chitosan/carrageenan composite wound healing dressing for traumatic hemorrhage. Carbohydrate Polymers, 2020, 239, 116106. | 10.2 | 67 |
| 3 | Synthesis of glycinamides using protease immobilized magnetic nanoparticles. Biotechnology Reports (Amsterdam, Netherlands), 2016, 12, 13-25. | 4.4 | 43 |
| 4 | Graphene-based intumescent flame retardant on cotton fabric. Journal of Materials Science, 2020, 55, 14197-14210. | 3.7 | 36 |
| 5 | Adsorption kinetics and thermodynamic study of Cuminum cyminum L. dyeing on silk. Journal of Environmental Chemical Engineering, 2013, 1, 1336-1340. | 6.7 | 34 |
| 6 | Scouring of cotton using marine pectinase. Journal of Molecular Catalysis B: Enzymatic, 2013, 98, 106-113. | 1.8 | 23 |
| 7 | Extraction of Indigo dye from Couroupita guianensisand its application on cotton fabric. Fashion and Textiles, 2014, 1, . | 2.4 | 22 |
| 8 | Dyeing of cotton fabric withCuminum cyminumL. as a natural dye and its comparison with synthetic dye. Journal of the Textile Institute, 2013, 104, 1080-1088. | 1.9 | 21 |
| 9 | A novel green approach for dyeing polyester using glycerine based eutectic solvent as a dyeing medium. Heliyon, 2019, 5, e01606. | 3.2 | 21 |
| 10 | A facile energy and water-conserving process for cotton dyeing. International Journal of Energy and Environmental Engineering, 2014, 5, 1. | 2.5 | 15 |
| 11 | Characterization, Kinetic, and Thermodynamic Studies of Marine Pectinase FromBacillus subtilis. Preparative Biochemistry and Biotechnology, 2015, 45, 205-220. | 1.9 | 14 |
| 12 | Application of polyamidoamine dendrimer in reactive dyeing of cotton. Journal of the Textile Institute, 2018, 109, 823-831. | 1.9 | 14 |
| 13 | Biomaterial based fabrication of superhydrophobic textiles â€“ A review. Materials Today Chemistry, 2022, 24, 100940. | 3.5 | 14 |
| 14 | Multifunctional properties of benzophenone based acid dyes: Synthesis, spectral properties and computational study. Dyes and Pigments, 2020, 180, 108420. | 3.7 | 12 |
| 15 | Optimisation of Detergent Ingredients for Stain Removal Using Statistical Modelling. Journal of Surfactants and Detergents, 2015, 18, 949-956. | 2.1 | 11 |
| 16 | Extraction of fibers from saccharum munja grass and its application in composites. Journal of Applied Polymer Science, 2014, 131, n/a-n/a. | 2.6 | 9 |
| 17 | Optimization of low temperature bleaching of cotton using statistical modelling. Journal of the Textile Institute, 2017, 108, 883-892. | 1.9 | 9 |
| 18 | The use of poly(amido)amine dendrimer in modification of cotton for improving dyeing properties of acid dye. International Journal of Clothing Science and Technology, 2019, 31, 220-231. | 1.1 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Solvent Assisted Dyeing of Silk Fabric Using Deep Eutectic Solvent as a Swelling Agent. Fibers and Polymers, 2021, 22, 405-411. | 2.1 | 7 |
| 20 | A frugal way of reusing wastewater in textile pre-treatment process. Journal of Water Process Engineering, 2017, 16, 163-169. | 5.6 | 6 |
| 21 | A process for dyeing cotton with direct dyes possessing primary aromatic amino groups furnishing wash fastness exhibited by reactive dyes. Coloration Technology, 2022, 138, 248-254. | 1.5 | 5 |
| 22 | Use of Mustard Oil Cake for Protease Production by Bacillus subtilis. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 845-853. | 0.1 | 4 |
| 23 | Colour gamut with easy sources of natural dyes. International Journal of Clothing Science and Technology, 2016, 28, 558-569. | 1.1 | 3 |
| 24 | Fabrication of Herbal Hemostat Films Loaded with Medicinal Tridax Procumbenns Extracts. Fibers and Polymers, 2021, 22, 2135-2144. | 2.1 | 3 |
| 25 | Herbal hemostatic biopolymeric dressings of alginate/pectin coated with Croton oblongifolius extract. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100025. | 2.6 | 3 |
| 26 | A study on multifunctional protein fibre with UV protection, moth repellency and antibacterial properties using ESIPT core containing benzimidazole and benzothiazole based functional acid azo dyes. Journal of the Indian Chemical Society, 2021, 98, 100236. | 2.8 | 3 |
| 27 | A novel approach for dyeing of polyester using non-aqueous deep eutectic solvent as a dyeing medium. Pigment and Resin Technology, 2020, 50, 1-9. | 0.9 | 2 |
| 28 | Advances of Textiles in Tissue Engineering Scaffolds. Textile Science and Clothing Technology, 2020, , 169-194. | 0.5 | 1 |
| 29 | Optimisation of concentration of ingredients for simultaneous dyeing and finishing using response surface methodology. Journal of the Textile Institute, 2014, , 1-14. | 1.9 | 0 |