

# Ravindra V Adivarekar

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A process for dyeing cotton with direct dyes possessing primary aromatic amino groups furnishing wash fastness exhibited by reactive dyes. <i>Coloration Technology</i> , 2022, 138, 248-254.	1.5	5
2	Biomaterial based fabrication of superhydrophobic textiles – A review. <i>Materials Today Chemistry</i> , 2022, 24, 100940.	3.5	14
3	Solvent Assisted Dyeing of Silk Fabric Using Deep Eutectic Solvent as a Swelling Agent. <i>Fibers and Polymers</i> , 2021, 22, 405-411.	2.1	7
4	Fabrication of Herbal Hemostat Films Loaded with Medicinal Tridax Procumbens Extracts. <i>Fibers and Polymers</i> , 2021, 22, 2135-2144.	2.1	3
5	Herbal hemostatic biopolymeric dressings of alginate/pectin coated with <i>Croton oblongifolius</i> extract. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021, 2, 100025.	2.6	3
6	A study on multifunctional protein fibre with UV protection, moth repellency and antibacterial properties using ES IPT core containing benzimidazole and benzothiazole based functional acid azo dyes. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100236.	2.8	3
7	Graphene-based intumescent flame retardant on cotton fabric. <i>Journal of Materials Science</i> , 2020, 55, 14197-14210.	3.7	36
8	Cytotoxicity and hemostatic activity of chitosan/carrageenan composite wound healing dressing for traumatic hemorrhage. <i>Carbohydrate Polymers</i> , 2020, 239, 116106.	10.2	67
9	Multifunctional properties of benzophenone based acid dyes: Synthesis, spectral properties and computational study. <i>Dyes and Pigments</i> , 2020, 180, 108420.	3.7	12
10	A novel approach for dyeing of polyester using non-aqueous deep eutectic solvent as a dyeing medium. <i>Pigment and Resin Technology</i> , 2020, 50, 1-9.	0.9	2
11	Advances of Textiles in Tissue Engineering Scaffolds. <i>Textile Science and Clothing Technology</i> , 2020, , 169-194.	0.5	1
12	A novel green approach for dyeing polyester using glycerine based eutectic solvent as a dyeing medium. <i>Heliyon</i> , 2019, 5, e01606.	3.2	21
13	The use of poly(amido)amine dendrimer in modification of cotton for improving dyeing properties of acid dye. <i>International Journal of Clothing Science and Technology</i> , 2019, 31, 220-231.	1.1	7
14	Hemostasis and anti-necrotic activity of wound-healing dressing containing chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 936-946.	7.5	71
15	Application of polyamidoamine dendrimer in reactive dyeing of cotton. <i>Journal of the Textile Institute</i> , 2018, 109, 823-831.	1.9	14
16	Optimization of low temperature bleaching of cotton using statistical modelling. <i>Journal of the Textile Institute</i> , 2017, 108, 883-892.	1.9	9
17	A frugal way of reusing wastewater in textile pre-treatment process. <i>Journal of Water Process Engineering</i> , 2017, 16, 163-169.	5.6	6
18	Synthesis of glycinamides using protease immobilized magnetic nanoparticles. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016, 12, 13-25.	4.4	43

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19	Colour gamut with easy sources of natural dyes. International Journal of Clothing Science and Technology, 2016, 28, 558-569.	1.1	3
20	Use of Mustard Oil Cake for Protease Production by <i>Bacillus subtilis</i> . International Journal of Current Microbiology and Applied Sciences, 2016, 5, 845-853.	0.1	4
21	Optimisation of Detergent Ingredients for Stain Removal Using Statistical Modelling. Journal of Surfactants and Detergents, 2015, 18, 949-956.	2.1	11
22	Characterization, Kinetic, and Thermodynamic Studies of Marine Pectinase From <i>Bacillus subtilis</i> . Preparative Biochemistry and Biotechnology, 2015, 45, 205-220.	1.9	14
23	Extraction of Indigo dye from <i>Couroupita guianensis</i> and its application on cotton fabric. Fashion and Textiles, 2014, 1, .	2.4	22
24	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
25	A facile energy and water-conserving process for cotton dyeing. International Journal of Energy and Environmental Engineering, 2014, 5, 1.	2.5	15
26	Extraction of fibers from <i>saccharum munja</i> grass and its application in composites. Journal of Applied Polymer Science, 2014, 131, n/a-n/a.	2.6	9
27	Scouring of cotton using marine pectinase. Journal of Molecular Catalysis B: Enzymatic, 2013, 98, 106-113.	1.8	23
28	Adsorption kinetics and thermodynamic study of <i>Cuminum cyminum</i> L. dyeing on silk. Journal of Environmental Chemical Engineering, 2013, 1, 1336-1340.	6.7	34
29	Dyeing of cotton fabric with <i>Cuminum cyminum</i> L. as a natural dye and its comparison with synthetic dye. Journal of the Textile Institute, 2013, 104, 1080-1088.	1.9	21