

# Jegan Josephraj

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,439  
citations

430754

18  
h-index

377752

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1345  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Evaluation of the adsorptive removal of cationic dyes by greening biochar derived from agricultural bio-waste of rice husk. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 4047-4060.                           | 2.9 | 22        |
| 2  | Continuous sorption of methylene blue dye from aqueous solution using effective microorganisms-based water hyacinth waste compost in a packed column. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1189-1198. | 2.9 | 9         |
| 3  | Biochar for removal of dyes in contaminated water: an overview. <i>Biochar</i> , 2022, 4, 1.   | 6.2 | 93        |
| 4  | Techno-economic feasibility of biochar as biosorbent for basic dye sequestration. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100107.  | 1.3 | 61        |
| 5  | A comprehensive analysis of biosorptive removal of basic dyes by different biosorbents. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100560.   | 1.7 | 8         |
| 6  | A detailed investigation on rhenium loaded SBA-15 supported catalyst for hydrodenitrogenation reaction of cyclohexylamine. <i>Journal of Porous Materials</i> , 2020, 27, 83-93.                                       | 1.3 | 3         |
| 7  | A study on catalytic activity of modified Ni-Re/Al-SBA-15 catalyst for hydrodenitrogenation of o-toluidine. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4328-4340.                                     | 3.8 | 9         |
| 8  | Biodecolorization of Basic Violet 03 Using Biochar Derived from Agricultural Wastes: Isotherm and Kinetics. <i>Journal of Biobased Materials and Bioenergy</i> , 2020, 14, 316-326.                                    | 0.1 | 21        |
| 9  | SORPTION KINETICS AND ISOTHERM STUDIES OF CATIONIC DYES USING GROUNDNUT (ARACHIS HYPOGAEA) SHELL DERIVED BIOCHAR A LOW-COST ADSORBENT. <i>Applied Ecology and Environmental Research</i> , 2020, 18, 1925-1939.        | 0.2 | 28        |
| 10 | Remediation of remazol dyes by biochar derived from <i>Caulerpa scalpelliformis</i> —An eco-friendly approach. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103297.                                 | 3.3 | 53        |
| 11 | Comparative Desorption Studies on Remediation of Remazol Dyes Using Biochar (Sorbent) Derived from Green Marine Seaweeds. <i>ChemistrySelect</i> , 2019, 4, 7437-7445.   | 0.7 | 15        |
| 12 | A Critical Insight into Biomass Derived Biosorbent for Bioremediation of Dyes. <i>ChemistrySelect</i> , 2019, 4, 9762-9775.  | 0.7 | 14        |
| 13 | Biodecolorization of Basic Blue 41 using EM based Composts: Isotherm and Kinetics. <i>ChemistrySelect</i> , 2019, 4, 10006-10012.  | 0.7 | 8         |
| 14 | Remediation of complex remazol effluent using biochar derived from green seaweed biomass. <i>International Journal of Phytoremediation</i> , 2019, 21, 1179-1189.  | 1.7 | 33        |
| 15 | A novel sorbent <i>Ulva lactuca</i> derived biochar for remediation of Remazol Brilliant Orange 3R in packed column. <i>Water Environment Research</i> , 2019, 91, 642-649.  | 1.3 | 26        |
| 16 | Enhanced catalytic activity of Ni-Re/H- AlMCM-41 catalyst via surface modification for hydrodenitrogenation of o-toluidine. <i>Materials Research Express</i> , 2018, 5, 065516.                                       | 0.8 | 6         |
| 17 | Utilization of Effective Microorganisms based water hyacinth compost as biosorbent for the removal of basic dyes. <i>Desalination and Water Treatment</i> , 2016, 57, 24368-24377.                                     | 1.0 | 19        |
| 18 | Application of seaweeds for the removal of cationic dye from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 25812-25821.  | 1.0 | 14        |

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|----|--|-----|-----------|
| 19 | Isotherm, kinetics and mechanistic studies of methylene blue biosorption onto red seaweed <i>Gracilaria corticata</i> . Desalination and Water Treatment, 2016, 57, 13540-13548.   | 1.0 | 20        |
| 20 | Malachite green and crystal violet biosorption onto coco-peat: characterization and removal studies. Desalination and Water Treatment, 2016, 57, 6423-6431.  | 1.0 | 24        |
| 21 | Durability Study on High Calcium Fly Ash Based Geopolymer Concrete. Advances in Materials Science and Engineering, 2015, 2015, 1-7.  | 1.0 | 64        |
| 22 | Effects of Concentric Partial (Local) Compression on the Structural Behavior of Concrete Filled Steel Tubular Column. Advances in Materials Science and Engineering, 2015, 2015, 1-9.  | 1.0 | 9         |
| 23 | Investigation on removal of malachite green using EM based compost as adsorbent. Ecotoxicology and Environmental Safety, 2015, 118, 177-182.   | 2.9 | 61        |
| 24 | Evaluation of Red Marine Alga <i>Kappaphycus alvarezii</i> as Biosorbent for Methylene Blue: Isotherm, Kinetic, and Mechanism Studies. Separation Science and Technology, 2015, 50, 1120-1126.                               | 1.3 | 15        |
| 25 | Entrapment of brown seaweeds ( <i>Turbinaria conoides</i> and <i>Sargassum wightii</i> ) in polysulfone matrices for the removal of praseodymium ions from aqueous solutions. Journal of Rare Earths, 2015, 33, 1196-1203.   | 2.5 | 28        |
| 26 | Modified crab shell particles for the removal of lead(II) ions from aqueous solutions. International Journal of Environment and Waste Management, 2012, 9, 232.  | 0.2 | 0         |
| 27 | Batch and column removal of total chromium from aqueous solution using <i>Sargassum polycystum</i> . Environmental Progress and Sustainable Energy, 2010, 29, 334-341.   | 1.3 | 17        |
| 28 | Naphthalene Degradation Kinetics of <i>Micrococcus</i> sp., Isolated from Activated Sludge. Clean - Soil, Air, Water, 2010, 38, 837-842.   | 0.7 | 27        |
| 29 | Nickel Recovery from Aqueous Solution Using Crab Shell Particles. Adsorption Science and Technology, 2005, 23, 303-312.  | 1.5 | 24        |
| 30 | Batch and column removal of copper from aqueous solution using a brown marine alga <i>Turbinaria ornata</i> . Chemical Engineering Journal, 2005, 106, 177-184.  | 6.6 | 153       |
| 31 | Removal and recovery of copper from aqueous solution by eggshell in a packed column. Minerals Engineering, 2005, 18, 545-547.  | 1.8 | 49        |
| 32 | Biosorption of cobalt(II) and nickel(II) by seaweeds: batch and column studies. Separation and Purification Technology, 2005, 44, 53-59.   | 3.9 | 164       |
| 33 | Biosorption of copper, cobalt and nickel by marine green alga <i>Ulva reticulata</i> in a packed column. Chemosphere, 2005, 60, 419-426.   | 4.2 | 144       |
| 34 | Removal of nickel(II) ions from aqueous solution using crab shell particles in a packed bed up-flow column. Journal of Hazardous Materials, 2004, 113, 223-230.  | 6.5 | 179       |
| 35 | Copper removal from aqueous solution by marine green alga <i>Ulva reticulata</i> . Electronic Journal of Biotechnology, 2004, 7, .   | 1.2 | 3         |
| 36 | Evaluation of the adsorption capacity of <i>Cocos Nucifera</i> shell derived biochar for basic dyes sequestration from aqueous solution. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-17. | 1.2 | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Surface Modified Synthetic Plastic Aggregate for Concrete “ Experimental and Analytical Studies.<br>Medziagotyra, O, , . | 0.1 | 0         |