

Ab Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

458
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

427
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Fluoride occurrences, health problems, detection, and remediation methods for drinking water: A comprehensive review. <i>Science of the Total Environment</i> , 2022, 807, 150601. | 8.0 | 110 |
| 2 | Residual aluminium in water defluoridated using activated alumina adsorption – Modeling and simulation studies. <i>Water Research</i> , 2010, 44, 3055-3064. | 11.3 | 97 |
| 3 | <i>Thiosphaera pantotropha</i> : a sulphur bacterium capable of simultaneous heterotrophic nitrification and aerobic denitrification. <i>Enzyme and Microbial Technology</i> , 1997, 21, 589-595. | 3.2 | 63 |
| 4 | Fly ash as low cost adsorbent for treatment of effluent of handmade paper industry-Kinetic and modelling studies for direct black dye. <i>Journal of Cleaner Production</i> , 2016, 112, 1227-1240. | 9.3 | 45 |
| 5 | Experimental investigation of Al-F species formation and transformation during coagulation for fluoride removal using alum and PACl. <i>Journal of Molecular Liquids</i> , 2018, 266, 349-360. | 4.9 | 45 |
| 6 | Simultaneous nitrification–denitrification in a rotating biological contactor. <i>Environmental Technology (United Kingdom)</i> , 1994, 15, 145-153. | 2.2 | 22 |
| 7 | Optimization of ozone disinfection and its effect on trihalomethanes. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3021-3032. | 6.7 | 22 |
| 8 | Occurrence of acyclovir in the aquatic environment, its removal and research perspectives: A review. <i>Journal of Water Process Engineering</i> , 2021, 39, 101855. | 5.6 | 15 |
| 9 | Coagulation process for fluoride removal by comparative evaluation of alum and PACl coagulants with subsequent membrane micro-filtration. <i>International Journal of Environmental Technology and Management</i> , 2017, 20, 200. | 0.2 | 10 |
| 10 | Optimization of chlorination process and analysis of THMs to mitigate ill effects of sewage irrigation. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3540-3549. | 6.7 | 9 |
| 11 | Automation and control of water treatment plant for defluoridation. <i>International Journal of Advanced Technology and Engineering Exploration</i> , 2016, 4, 6-11. | 0.6 | 7 |
| 12 | Decolorization of direct red and direct blue dyes used in handmade paper making by ozonation treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 3757-3765. | 1.0 | 5 |
| 13 | A study on the characterisation of the species formed during fluoride removal through coagulation. <i>Interdisciplinary Environmental Review</i> , 2017, 18, 143. | 0.2 | 5 |
| 14 | Kinetic and equilibrium studies of decolorization of effluent of handmade paper industry by low-cost fly ash. <i>Desalination and Water Treatment</i> , 2016, 57, 25783-25799. | 1.0 | 2 |
| 15 | A review on sewage disinfection and need of improvement. <i>Desalination and Water Treatment</i> , 0, , 1-5. | 1.0 | 1 |
| 16 | Process modeling for estimation of colloidal aluminium in alum treated water during defluoridation. , 2010, , . | | 0 |
| 17 | Mathematical model of biodegradation process of sewage due to addition of chlorides. <i>Desalination and Water Treatment</i> , 2016, 57, 11729-11735. | 1.0 | 0 |