

# Dipaloy Datta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

756  
citations

16  
h-index

23  
g-index

64  
ext. papers

892  
ext. citations

3.2  
avg, IF

4.83  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 61 | Rhodamine-B dye removal using aliquat-336 modified amberlite XAD-4 resin in fixed-bed columns in series.. <i>Water Science and Technology</i> , <b>2022</b> , 85, 1-15   | 2.2 | 0         |
| 60 | Separation of Bisphenol-A using Amberlite-1180 impregnated with tri-n-octylamine. <i>Chemical Data Collections</i> , <b>2022</b> , 37, 100815  | 2.1 |           |
| 59 | Statistical Modeling and Optimization of Itaconic Acid Reactive Extraction using Response Surface Methodology (RSM) and Artificial Neural Network (ANN). <i>Chemical Data Collections</i> , <b>2021</b> , 37, 100806                     | 2.1 | 2         |
| 58 | Effective removal of methyl orange dye using aliquat 336 impregnated Amberlite XAD-2 resin. <i>Chemical Data Collections</i> , <b>2021</b> , 35, 100774  | 2.1 | 1         |
| 57 | Removal of reactive orange 16 and reactive green 19 using Cyphos IL101-impregnated Amberlite XAD7HP resin in batch and recirculating stirrer vessel. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 17826-17843 | 5.1 | 0         |
| 56 | Removal of Bisphenol-A using Cyphos IL-101 impregnated Amberlite XAD-7: optimisation using response surface methodology. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-16                         | 1.8 | 3         |
| 55 | Adsorption of Reactive Blue-13, an Acidic Dye, from Aqueous Solution Using Magnetized Activated Carbon. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2220-2229  | 2.8 | 10        |
| 54 | Removal of malachite green, a cationic textile dye using Amberlite polymeric resins. <i>Indian Chemical Engineer</i> , <b>2020</b> , 1-10  | 1   | 1         |
| 53 | Kinetic and thermodynamic study of thionine dye adsorption by peanut hull. <i>Indian Chemical Engineer</i> , <b>2020</b> , 1-11  | 1   | 0         |
| 52 | Competitive removal of malachite green and Rhodamine-B using Amberlite-XAD-4 impregnated with Aliquat 336: experimental and modelling studies. <i>Separation Science and Technology</i> , <b>2020</b> , 55, 537-553                      | 2.5 | 9         |
| 51 | Application of response surface methodology to absorptive separation of SO <sub>2</sub> from its mixture with air using marble waste. <i>Chemical Engineering Communications</i> , <b>2020</b> , 207, 458-473                            | 2.2 | 7         |
| 50 | Study on the Biocompatible Solvent Systems for the Reactive Extraction of Itaconic Acid. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 4280-4285   | 2.8 | 2         |
| 49 | Separation of Levulinic Acid Using Polymeric Resin, Amberlite IRA-67. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 3044-3049  | 2.8 | 5         |
| 48 | Removal of Bisphenol-A Using Amine-Modified Magnetic Multiwalled Carbon Nanotubes: Batch and Column Studies. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 2877-2887   | 2.8 | 8         |
| 47 | Protic ionic liquid-water interactions studied by 1D NOESY NMR spectroscopy. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1186, 137-143   | 3.4 | 4         |
| 46 | Amine functionalized and FeO incorporated activated carbon for bisphenol-A separation. <i>Water Science and Technology</i> , <b>2019</b> , 79, 1755-1765   | 2.2 | 8         |
| 45 | Ultrasonically assisted adsorption of methyl orange dye using Aliquat-336 impregnated Amberlite XAD-4 in batch and recirculating flow vessel. <i>Chemical Engineering Research and Design</i> , <b>2019</b> , 152, 402-414               | 5.5 | 8         |

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| 44 | Application of Amberlite XAD-7HP resin impregnated with Aliquat 336 for the removal of Reactive Blue - 13 dye: Batch and fixed-bed column studies. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103502                   | 6.8 | 12 |
| 43 | Solvent impregnated resins for the treatment of aqueous solutions containing different compounds: a review. <i>Reviews in Chemical Engineering</i> , <b>2019</b> ,  | 5   | 3  |
| 42 | Removal of Reactive Dye Using Solvent Impregnated Resin. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , <b>2019</b> , 10, 40-45  | 0.2 | 1  |
| 41 | Adsorption of Bisphenol-A from aqueous solution using amberlite XAD-7 impregnated with aliquat 336: Batch, column, and design studies. <i>Chemical Engineering Research and Design</i> , <b>2019</b> , 122, 232-246                                 | 5.5 | 30 |
| 40 | Adsorption of isonicotinic acid from aqueous solution using multi-walled carbon nanotubes/Fe <sub>3</sub> O <sub>4</sub> . <i>Journal of Molecular Liquids</i> , <b>2019</b> , 276, 163-169   | 6   | 22 |
| 39 | Separation of copper ion (Cu <sup>2+</sup> ) from aqueous solution using tri-n-butyl phosphate and di-2-ethylhexyl phosphoric acid as extractants. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 258, 147-154                                 | 6   | 9  |
| 38 | Adsorption Study for the Separation of Isonicotinic Acid from Aqueous Solution Using Activated Carbon/Fe <sub>3</sub> O <sub>4</sub> Composites. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 436-445                      | 2.8 | 27 |
| 37 | Solvent Polarity Effect when Amberlite-LA2 Is Used in the Extraction of Picric Acid. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 1125-1129  | 2.8 | 1  |
| 36 | Application of Magnetically Activated Carbon for the Separation of Nicotinic Acid from Aqueous Solution. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 712-719  | 2.8 | 8  |
| 35 | Adsorptive Separation of Lead (Pb <sup>2+</sup> ) from Aqueous Solution Using Tri-n-octylamine Supported Montmorillonite. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 370-375   | 2.8 | 12 |
| 34 | Adsorption of levulinic acid from aqueous solution by Amberlite XAD-4. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 234, 330-334   | 6   | 15 |
| 33 | Use of polymeric adsorbent Amberlite IR120 H resin for isonicotinic adsorption. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 247, 289-293  | 6   | 5  |
| 32 | Equilibrium and Thermodynamic Studies on Reactive Extraction of Nicotinic Acid Using a Biocompatible Extraction System. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3431-3436   | 2.8 | 8  |
| 31 | Zn <sup>2+</sup> Ion Adsorption from Aqueous Solution Using Montmorillonite Clay Impregnated with Tri-n-octylamine. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 2155-2162   | 2.8 | 7  |
| 30 | Equilibrium Study on the Extraction of Levulinic Acid from Aqueous Solution with Aliquat 336 Dissolved in Different Diluents: Solvent Polarity Effect and Column Design. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3-10 | 2.8 | 27 |
| 29 | Adsorptive removal of malachite green and Rhodamine B dyes on Fe <sub>3</sub> O <sub>4</sub> /activated carbon composite. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 1556-1562   | 1.5 | 27 |
| 28 | Extraction of levulinic acid using tri- n -butyl phosphate and tri- n -octylamine in 1-octanol: Column design. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 66, 407-413   | 5.3 | 20 |
| 27 | Separation and recovery of copper from aqueous solutions using tri-n-butyl phosphate in benzene. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 139-148   | 6   | 14 |

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| 26 | Separation of chromium (VI) from its liquid solution using new montmorillonite supported with amine based solvent. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 449-453  | 6   | 19 |
| 25 | Extraction of Picric Acid from Wastewater by a Secondary Amine (Amberlite LA2) in Octan-1-ol: Equilibrium, Kinetics, Thermodynamics, and Molecular Dynamics Simulation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 3659-3667 | 3.9 | 9  |
| 24 | Experimental and Theoretical Investigations on the Reactive Extraction of Itaconic (2-Methylidenebutanedioic) Acid Using Trioctylamine (N,N-Dioctyloctan-1-amine). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 1426-1433           | 2.8 | 19 |
| 23 | Investigation of Extraction of 4-Oxopentanoic Acid by N,N-Dioctyloctan-1-amine in Six Different Diluents: Equilibrium Study. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 1447-1453   | 2.8 | 15 |
| 22 | Intensification of Citric Acid Extraction by a Mixture of Trioctylamine and Tridodecylamine in Different Diluents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 960-965   | 2.8 | 10 |
| 21 | Adsorptive Separation of Cu <sup>2+</sup> from an Aqueous Solution Using Trioctylamine Supported Montmorillonite. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 3193-3200  | 2.8 | 23 |
| 20 | Extraction Equilibria of Glycolic Acid Using Tertiary Amines: Experimental Data and Theoretical Predictions. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 3262-3267   | 2.8 | 14 |
| 19 | Reactive Extraction of Picolinic Acid Using Tri-n-octylamine Dissolved in Different Diluents: Effect of Solvent Polarity. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 2709-2716  | 2.8 | 7  |
| 18 | MODELING USING RESPONSE SURFACE METHODOLOGY AND OPTIMIZATION USING DIFFERENTIAL EVOLUTION OF REACTIVE EXTRACTION OF GLYCOLIC ACID. <i>Chemical Engineering Communications</i> , <b>2015</b> , 202, 59-69   | 2.2 | 17 |
| 17 | Status of the Reactive Extraction as a Method of Separation. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-16  | 2.3 | 57 |
| 16 | Reactive extraction of phenol from aqueous solution using tri-octylamine dissolved in alkanes and alcohols. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 212, 430-435   | 6   | 14 |
| 15 | Intensification of picolinic acid extraction with tri- n -butylphosphate and tri- n -octylamine in three different diluents. <i>Chemical Engineering Research and Design</i> , <b>2015</b> , 95, 105-112   | 5.5 | 9  |
| 14 | Investigation of Extraction of Phenol from Wastewater Using N,N-Didodecyl-1-dodecanamine (Tridodecylamine) in Benzene. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 3858-3862   | 2.8 | 8  |
| 13 | Extraction Equilibria of Gibberellic Acid by Tridodecylamine Dissolved in Alcohols. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 3882-3887  | 2.8 | 3  |
| 12 | Reactive Extraction of Oxoethanoic Acid (Glyoxylic Acid) Using Amberlite-LA2 in Different Diluents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 2623-2629  | 2.8 | 7  |
| 11 | Reactive Extraction of Pyridine-2-carboxylic Acid (Picolinic Acid) Using Nontoxic Extractant and Diluent Systems. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 1540-1548  | 2.8 | 12 |
| 10 | INTENSIFICATION OF RECOVERY OF FORMIC ACID FROM AQUEOUS STREAM USING REACTIVE EXTRACTION WITH N, N-DIOCTYLOCTAN-1-AMINE: EFFECT OF DILUENT AND TEMPERATURE. <i>Chemical Engineering Communications</i> , <b>2013</b> , 200, 678-700                          | 2.2 | 14 |
| 9  | Equilibrium and Kinetic Studies of the Reactive Extraction of Nicotinic Acid with Tri-n-octylamine Dissolved in MIBK. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 14680-14686   | 3.9 | 20 |

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| 8 | Reactive Extraction of Pyridine Carboxylic Acids with N, N-Dioctyloctan-1-Amine: Experimental and Theoretical Studies. <i>Separation Science and Technology</i> , <b>2013</b> , 48, 898-908  | 2.5 | 11 |
| 7 | Comparative Study on Reactive Extraction of Picolinic Acid with Six Different Extractants (Phosphoric and Aminic) in Two Different Diluents (Benzene and Decan-1-ol). <i>Separation Science and Technology</i> , <b>2012</b> , 47, 997-1005  | 2.5 | 8  |
| 6 | Reactive Extraction of Glycolic Acid Using Tri-n-Butyl Phosphate and Tri-n-Octylamine in Six Different Diluents: Experimental Data and Theoretical Predictions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 3041-3048   | 3.9 | 44 |
| 5 | Estimation of equilibrium parameters using differential evolution in reactive extraction of propionic acid by tri-n-butyl phosphate. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2011</b> , 50, 614-622   | 3.7 | 28 |
| 4 | Reactive Extraction of 2-Methylidenebutanedioic Acid with N,N-Dioctyloctan-1-amine Dissolved in Six Different Diluents: Experimental and Theoretical Equilibrium Studies at (298 ± 1) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 2574-2582                                 | 2.8 | 10 |
| 3 | Differential Evolution Approach for Reactive Extraction of Propionic Acid Using Tri-n-Butyl Phosphate (TBP) in Kerosene and 1-Decanol. <i>Materials and Manufacturing Processes</i> , <b>2011</b> , 26, 1222-1228 <sup>4.1</sup>   | 4.1 | 12 |
| 2 | Reactive Extraction of Benzoic Acid and Pyridine-3-Carboxylic Acid Using Organophosphoric and Aminic Extractant Dissolved in Binary Diluent Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 3367-3375  | 2.8 | 25 |
| 1 | Experimental Data and Theoretical (Chemodel Using the Differential Evolution Approach and Linear Solvation Energy Relationship Model) Predictions on Reactive Extraction of Monocarboxylic Acids Using Tri-n-octylamine. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 4290-4300 | 2.8 | 24 |