# Gordon McKay

## List of Publications by Year
in descending order

| | | 394421 | 501196 |
|---|---|---|---|
| 29 | 1,419 | 19 | 28 |
| papers | citations | h-index | g-index |
| 29 | 29 | 29 | 1587 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Two-stage optimisation for malachite green removal using activated date pits. Biomass Conversion and Biorefinery, 2021, 11, 727-740. | 4.6 | 30 |
| 2 | Osmotic pressure estimation using the Pitzer equation for forward osmosis modelling. Environmental Technology (United Kingdom), 2020, 41, 2533-2545. | 2.2 | 20 |
| 3 | Fine tuning of process parameters for improving briquette production from palm kernel shell gasification waste. Environmental Technology (United Kingdom), 2018, 39, 931-938. | 2.2 | 7 |
| 4 | Production of high surface area-activated carbons from waste bamboo scaffolding. HKIE Transactions, 2017, 24, 133-140. | 0.1 | 6 |
| 5 | Elimination of natural organic matter by electrocoagulation using bipolar and monopolar arrangements of iron and aluminum electrodes. International Journal of Environmental Science and Technology, 2017, 14, 2125-2134. | 3.5 | 31 |
| 6 | Equilibrium adsorption isotherm study of binary basic dyes on to bamboo derived activated carbon. HKIE Transactions, 2017, 24, 182-192. | 0.1 | 7 |
| 7 | One Step Carbonization/Activation Process for Carbonaceous Material Preparation from Pecan Shells for Tartrazine Removal and Regeneration after Saturation. Adsorption Science and Technology, 2015, 33, 895-913. | 3.2 | 12 |
| 8 | A calcium oxide-based catalyst derived from palm kernel shell gasification residues for biodiesel production. Fuel, 2015, 150, 519-525. | 6.4 | 94 |
| 9 | Compaction of palm kernel shell biochars for application as solid fuel. Biomass and Bioenergy, 2014, 70, 489-497. | 5.7 | 121 |
| 10 | Preparation and characterisation of demineralised tyre derived activated carbon. Carbon, 2011, 49, 4674-4687. | 10.3 | 69 |
| 11 | Separation of acid-dyes mixture by bamboo derived active carbon. Separation and Purification Technology, 2009, 67, 166-172. | 7.9 | 54 |
| 12 | Production of activated carbon from bamboo scaffolding waste—process design, evaluation and sensitivity analysis. Chemical Engineering Journal, 2005, 109, 147-165. | 12.7 | 93 |
| 13 | Multicomponent Equilibrium Studies for the Adsorption of Basic Dyes from Solution on Lignite. Adsorption, 2005, 11, 255-259. | 3.0 | 16 |
| 14 | Preparation of activated carbon using low temperature carbonisation and physical activation of high ash raw bagasse for acid dye adsorption. Chemosphere, 2004, 56, 493-501. | 8.2 | 239 |
| 15 | Fixed-Bed Adsorption of Dyes on Bagasse Pith. Adsorption Science and Technology, 1998, 16, 623-639. | 3.2 | 12 |
| 16 | Development of Solutions to Two‐Resistance Mass Transport Models Based on External and Pore Diffusion. Part II: Experimental Results. Asia-Pacific Journal of Chemical Engineering, 1993, 1, 146-157. | 0.0 | 0 |
| 17 | Pore diffusion: Dependence of the effective diffusivity on the initial sorbate concentration in single and multisolute batch adsorption systems. Journal of Chemical Technology and Biotechnology, 1992, 55, 245-250. | 3.2 | 32 |
| 18 | Prediction of binary component isotherms for adsorption on heterogeneous surfaces. Journal of Chemical Technology and Biotechnology, 1992, 53, 345-352. | 3.2 | 24 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Extended empirical Freundlich isotherm for binary systems: a modified proce dure to obtain the correlative constants. Chemical Engineering and Processing: Process Intensification, 1991, 29, 133-138. | 3.6 | 28 |
| 20 | Prediction of binary systems for kinetics of batch adsorption using basic dyes onto activated carbon. Chemical Engineering Science, 1991, 46, 193-204. | 3.8 | 43 |
| 21 | Fixed bed adsorption for the removal of pollutants from water. Environmental Pollution, 1990, 66, 33-53. | 7.5 | 49 |
| 22 | Adsorption of dyes onto bagasse pith using a solid diffusion model. Journal of Applied Polymer Science, 1988, 36, 43-54. | 2.6 | 3 |
| 23 | Two resistance mass transfer model for the adsorption of dyes onto Bagasse Pith. Water, Air, and Soil Pollution, 1988, 42, 33. | 2.4 | 3 |
| 24 | Simplified model for the equilibrium adsorption of dyes from mixtures using activated carbon. Chemical Engineering and Processing: Process Intensification, 1987, 22, 145-156. | 3.6 | 59 |
| 25 | Equilibrium studies for the adsorption of dyestuffs from aqueous solutions by low-cost materials. Water, Air, and Soil Pollution, 1986, 29, 273-283. | 2.4 | 158 |
| 26 | Two-resistance mass transfer model for the adsorption of various dyestuffs onto chitin. Journal of Applied Polymer Science, 1985, 30, 4325-4335. | 2.6 | 18 |
| 27 | The adsorption of dyes onto chitin in fixed bed columns and batch adsorbers. Journal of Applied Polymer Science, 1984, 29, 1499-1514. | 2.6 | 72 |
| 28 | The adsorption of dyes in chitin. III. Intraparticle diffusion processes. Journal of Applied Polymer Science, 1983, 28, 1767-1778. | 2.6 | 80 |
| 29 | Adsorption of dyestuffs onto chitin. External mass transfer processes. Journal of Applied Polymer Science, 1982, 27, 4251-4261. | 2.6 | 39 |