DAFTAR PUSTAKA

Ash, B., *et al*. (2020). Perspectives on Nickel Hydroxide Electrodes Suitable for Rechargeable Batteries: Electrolytic Vs. Chemical Synthesis Routes. *Nanomaterials*, *10*(9), 1–22.

Barik, S. P., Prabaharan, G., & Kumar, B. (2015). An Innovative Approach to Recover the Metal Values From Spent Lithium-ion Batteries. *Waste Management*.

Biswas, S., *et al*. (2014). Optimization of Process Parameters and Dissolution Kinetics of Nickel and Cobalt From Lateritic Chromite Overburden Using Organic Acids. *March 2018*.

Cerrillo-Gonzalez, *M. del M., et al*. (2020). Hydrometallurgical extraction of Li and Co from LiCoO2 particles-experimental and modeling. *Applied Sciences (Switzerland)*, *10*(18).

Cui, J., *et al*. (2019). The Role of Oxalic Acid in the Leaching System for Recovering Indium from Waste Liquid Crystal Display Panels. *ACS Sustainable Chemistry and Engineering*, *7*(4), 3849–3857.

Gerold, E., Luidold, S., & Antrekowitsch, H. (2020). Selective Precipitation of Metal Oxalates From Lithium Ion Battery Leach Solutions. *Metals*, *10*(11), 1–15.

Golmohammadzadeh, R., Faraji, F., & Rashchi, F. (2018). Recovery of Lithium and Cobalt from Spent Lithium Ion Batteries (Libs) Using Organic Acids as Leaching Reagents: A Review. *Resources, Conservation and Recycling*, *136*(April 2018), 418–435.

Golmohammadzadeh, R., Rashchi, F., & Vahidi, E. (2017). Recovery of lithium and cobalt from spent lithium-ion batteries using organic acids : Process optimization and kinetic aspects. *Waste Management*, *64*, 244–254.

Gyliene, O., & Salkauskas, M. (1995). Metal recovery from spent electroless plating solutions by oxalate precipitation. *Plating and Surface Finishing*, *82*(10), 61–63.

Hu, P., *et al*. (2017). Separation and Recovery of Iron Impurity From a Vanadium-Bearing Stone Coal Via an Oxalic Acid Leaching-Reduction Precipitation Process. *Separation*

and Purification Technology, *180*, 99–106.

Huang, L. F., *et al*. (2017). Improved Electrochemical Phase Diagrams from Theory and Experiment: The Ni-Water System and Its Complex Compounds. *Journal of Physical Chemistry C*, *121*(18), 9782–9789.

Joulié, M., Laucournet, R., & Billy, E. (2014). Hydrometallurgical Process for The Recovery of High Value Metals From Spent Lithium Nickel Cobalt Aluminum Oxide Based Lithium-Ion Batteries. *Journal of Power Sources*, *247*, 551–555.

Jumari, A., *et al*. (2020). Reprocessing through Co-precipitation of NCA Cathode Scrap Waste for Cathode Material of Li-Ion Battery. *AIP Conference Proceedings*, *2217* (April).

Jung, J. C. Y., Sui, P. C., & Zhang, J. (2021). A Review of Recycling Spent Lithium-Ion Battery Cathode Materials Using Hydrometallurgical Treatments. *Journal of Energy Storage*, *35*(January), 102217.

Krishnamurty, K. V., & Harris, G. M. (1961). The Chemistry of The Matal Oxalato Complexes. *Chemical Reviews*, *61*(3), 213–246.

Kursunoglu, S. (2019). Synergistic Effect of Organic Acid on The Dissolution of Mixed Nickel-Cobalt Hydroxide Precipitate in Sulphuric Acid Solution. *Metallurgical Research and Technology*, *116*(3).

Levenspiel, O. (1999). Chemical Reaction Engineering, 3rd Edition. In *Chemical Engineering Science* (Vol. 35, Issue 9).

Li, J., *et al*. (2009). A Combined Recovery Process of Metals in Spent Lithium-ion Batteries. *Chemosphere*, *77*(8), 1132–1136.

Li, L., *et al*. (2017). Sustainable Recovery of Cathode Materials from Spent Lithium-Ion Batteries Using Lactic Acid Leaching System. *ACS Sustainable Chemistry and Engineering*, *5*(6), 5224–5233.

Li, Z., *et al*. (2021). Leaching Kinetics of Rare Earth Elements in Phosphoric Acid From

Phosphate Rock. *Metals*, *11*(2), 1–17.

Liu, X., *et al*. (2015). Depressive Effect of Oxalic Acid on Titanaugite During Ilmenite Flotation. *Minerals Engineering*, *79*, 62–67.

Miao, Y., *et al*. (2019). Current Li-ion Battery Technologies in Electric Vehicles and Opportunities for Advancements. *Energies*, *12*(6), 1–20.

Mubarok, M. Z., & Lieberto, J. (2013). Precipitation of Nickel Hydroxide from Simulated and Atmospheric-leach Solution of Nickel Laterite Ore. *Procedia Earth and Planetary Science*, *6*(December 2013), 457–464.

Muzayanha, S. U., *et al*. (2020). Comparative Study of Various Kinetic Models on Leaching of NCA Cathode Material. *Indones. J. Chem*, *20*(6), 1291–1300.

Nayaka, G. P., *et al*. (2015). Use of Mild Organic Acid Reagents to Recover the Co and Li from Spent Li-ion Batteries. *Waste Management*.

Riggall, S. (2017). May 2017 Investor Presentation - Macquarie Conference. *Clean Teq Powering Innovation*, *May*.

Roshanfar, M., Golmohammadzadeh, R., & Rashchi, F. (2019). An environmentally friendly method for recovery of lithium and cobalt from spent lithium-ion batteries using gluconic and lactic acids. *Journal of Environmental Chemical Engineering*, *7*(1).

Safitri, N., Mubarok, M. Z., Winarko, R., & Tanlega, Z. (2018). Recovery of nickel and cobalt as MHP from limonitic ore leaching solution: Kinetics analysis and precipitate characterization. *AIP Conference Proceedings*, *1964* (May).

Scientific, F. (2005a). Material Safety Data Sheet of Oxalic Acid Anhydrous. *MSDS*, *1173* (i), 1–8.

Scientific, F. (2005b). Safety Data Sheet of Nickel (II) Oxalate Hydrate. *Safety Data Sheet*, *1173*(i), 1–8.

Simonin, J. P. (2016). On The Comparison of Pseudo-First Order and Pseudo-Second Order

Rate Laws in The Modeling Of Adsorption Kinetics. *Chemical Engineering Journal*, *300*(August), 254–263.

Sohn, J. S., Yang, D. H., Shin, S. M., & Kang, J. G. (2006). Recovery of cobalt in sulfuric acid leaching solution using oxalic acid. *Geosystem Engineering*, *9*(3), 81–86.

Stan, A. I., *et al*. (2014). Lithium ion battery chemistries from renewable energy storage to automotive and back-up power applications - An overview. *2014 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014*, *May*, 713–720.

Ul Haq, I., & Haider, F. (2010). Synthesis and characterization of uniform fine particles of nickel compounds. *Journal of the Chinese Chemical Society*, *57*(3 A), 343–347.

Verma, A., *et al*. (2019). Metal Recovery Using Oxalate Chemistry: A Technical Review. *Industrial and Engineering Chemistry Research*, *58*(34), 15381–15393.

Wang, D., *et al*. (2019). Review of Modified Nickel-Cobalt Lithium Aluminate Cathode Materials for Lithium-Ion Batteries. *International Journal of Photoenergy*, *2019*.

Xu, J., *et al*. (2008). A Review of Processes and Technologies for the Recycling of Lithium-ion Secondary Batteries. *Journal of Power Sources*, *177*(2), 512–527.

Yang, Z., *et al*. (2014). Leaching kinetics of calcification roasted vanadium slag with high CaO content by sulfuric acid. *International Journal of Mineral Processing*, *133*, 105–111.

Zeng, X., Li, J., & Shen, B. (2015). Novel approach to recover cobalt and lithium from spent lithium-ion battery using oxalic acid. *Journal of Hazardous Materials*, *295*, 112–118.

Zhao, Y., *et al*. (2013). Extraction and Separation of Nickel and Cobalt From Saprolite Laterite Ore By Microwave-Assisted Hydrothermal Leaching And Chemical Deposition. *International Journal of Minerals, Metallurgy and Materials*, *20*(7), 612–619.