



S. Komar Kawatra

List of Publications

(September 2021)

Publications:

Total Publications: 207 peer-reviewed works.

Pelletization (64)

- Kawatra, S.K. and Claremboux, V. "Iron ore pelletization: Part II. Inorganic Binders," *Mineral Processing and Extractive Metallurgy Review*, 2021, pp. 1-20.
- Kawatra, S.K. and Claremboux, V. "Iron ore pelletization: Part I. Fundamentals," *Mineral Processing and Extractive Metallurgy Review*, 2021, pp. 1-16.
- Copeland, C.R., Claremboux, V., and Kawatra, S.K., "A comparison of pellet quality from straight-grate and grate-kiln furnaces," *Mineral Processing and Extractive Metallurgy Review*, 2019, Vol. 40, No. 3, pp. 218-223.
- Zhou, Y., and Kawatra, S.K., "Humic substance-based binder in iron ore pelletization: a review," *Mineral Processing and Extractive Metallurgy Review*, 2017, Vol. 38, No. 5, pp. 321-337.
- McDonald, J., and Kawatra, S.K., "Plate water absorption as an assessment tool for organic binders," *Mineral Processing and Extractive Metallurgy Review*, 2017, Vol. 38, No. 4, pp. 250-253.
- Zhou Y., Wattanaphan, P., and Kawatra, S.K., "Application of modified humic acid (MHA) binder in the pelletizing of fluxed hematite concentrate," *Mineral Processing and Extractive Metallurgy Review*, 2017, Vol. 38, No. 2, pp. 126-131.
- Halt, J.A., and Kawatra, S.K., "Does the zeta potential of an iron ore concentrate affect the strength and dustiness of unfired and fired pellets?" *Mineral Processing and Extractive Metallurgy Review*, 2017, Vol. 38, No. 2, pp. 132-141.
- Halt, J.A., and Kawatra, S.K., "Can modified starch be used as a binder for iron ore pellets?" *Mineral Processing and Extractive Metallurgy Review*, 2017, Vol. 38, No. 2, pp. 73-82.
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- McDonald, J.E.D., Roache, S.C. and Kawatra, S.K., "Repurposing mine tailings: Cold bonding of siliceous iron ore tailings," *Minerals & Metallurgical Processing*, Vol. 33, 2016, No. 1, pp. 47-52.
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- Haselhuhn, H. J., and Kawatra, S. K., "Flocculation and Dispersion Studies of Iron Ore using Laser Scattering Particle Size Analysis," *Minerals & Metallurgical Processing*. Accepted for publication, 2016
- Haselhuhn, H. J., and Kawatra, S. K., "Role of Water Chemistry in the Selective Flocculation and Dispersion of Iron Ore." *Minerals & Metallurgical Processing*, Vol. 32, 2015, No. 2, pp. 69-77.

- Halt, J.A., Nitz, M.C., Kawatra, S.K. and Dubé, M., "Iron ore pellet dustiness Part I: Factors affecting dust generation," *Minerals Processing and Extractive Metallurgy Review*, Vol. 36, 2015, No. 4, pp. 258–266.
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- Halt, J.A., Silva, B. and Kawatra, S.K., "A new on-line method for predicting iron ore pellet quality," *Minerals Processing and Extractive Metallurgy Review*, Vol. 36, 2015, No. 6, pp. 377–384.
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Pollution Prevention and Remediation (33)

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- Archambo, M.S. and Kawatra, S.K. "Extraction of Rare Earths from Red Mud Iron Nugget Slags with Oxalic Acid Precipitation," Mineral Processing and Extractive Metallurgy Review, 2021, pp. 1-8.
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Comminution (19)

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Instrumentation and Control (49)

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