

# Erik Hulthen

## List of Publications by Year in descending order

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times ranked

175  
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#	ARTICLE	IF	CITATIONS
1	Understanding Current Challenges in Evaluating Environmental Impacts for Aggregate Producers through a Case Study in Western Sweden. Sustainability, 2022, 14, 1200.	3.2	0
2	Bringing the Entrepreneurial Mindset into Mining Engineering Education. Mining, Metallurgy and Exploration, 2022, 39, 1333-1344.	0.8	4
3	Evaluation of Refractory Metal Concentrations in Nano-Particulate Pressed-Powder Pellets Using LA-ICP-MS. Minerals (Basel, Switzerland), 2022, 12, 869.	2.0	1
4	Application of Optimization Method for Calibration and Maintenance of Power-Based Belt Scale. Minerals (Basel, Switzerland), 2021, 11, 412.	2.0	4
5	SIMULATION-DRIVEN DEVELOPMENT FOR COARSE COMMINUTION PROCESS - A CASE STUDY OF GEITA GOLD MINE, TANZANIA USING PLANTSMITH PROCESS SIMULATOR. Proceedings of the Design Society, 2021, 1, 2681-2690.	0.8	2
6	Development of a Pre-Verified EPD Tool with Process Simulation Capabilities for the Aggregates Industry. Sustainability, 2021, 13, 9492.	3.2	5
7	Applied Calibration and Validation Method of Dynamic Process Simulation for Crushing Plants. Minerals (Basel, Switzerland), 2021, 11, 921.	2.0	2
8	Fit-for-Purpose VSI Modelling Framework for Process Simulation. Minerals (Basel, Switzerland), 2021, 11, 40.	2.0	3
9	Development and implementation of key performance indicators for aggregate production using dynamic simulation. Minerals Engineering, 2020, 145, 106065.	4.3	22
10	Effects of screen decks' aperture shapes and materials on screening efficiency. Minerals Engineering, 2019, 139, 105699.	4.3	25
11	Mass balance control of crushing circuits. Minerals Engineering, 2019, 135, 37-47.	4.3	8
12	Application of the Discrete Element Method to Study the Effects of Stream Characteristics on Screening Performance. Minerals (Basel, Switzerland), 2019, 9, 788.	2.0	12
13	Investigation of Synthetic Clay Courts' Response under Cyclic Loading. Proceedings (mdpi), 2018, 2, 280.	0.2	1
14	Diagnostics of cone crusher feed segregation using power draw measurements. Minerals Engineering, 2018, 127, 15-21.	4.3	13
15	Dynamic modeling and simulation of a SAG mill-pebble crusher circuit by controlling crusher operational parameters. Minerals Engineering, 2018, 127, 98-104.	4.3	8
16	Application of multi-disciplinary optimization architectures in mineral processing simulations. Minerals Engineering, 2018, 128, 27-35.	4.3	11
17	A fundamental model of an industrial-scale jaw crusher. Minerals Engineering, 2017, 105, 69-78.	4.3	25
18	Feed-hopper level estimation and control in cone crushers. Minerals Engineering, 2017, 110, 82-95.	4.3	9

#	ARTICLE	IF	CITATIONS
19	Towards dynamical profit optimization of comminution circuits. Minerals Engineering, 2017, 103-104, 14-24.	4.3	9
20	Cone crusher performance evaluation using DEM simulations and laboratory experiments for model validation. Minerals Engineering, 2017, 103-104, 93-101.	4.3	35
21	IMPLEMENTATION OF CDIO INITIATIVE IN NEW EUROPEAN EDUCATION PROGRAMS IN RAW MATERIALS. EDULEARN Proceedings, 2017, , .	0.0	0
22	Modelling of discrete downtime in continuous crushing operation. Minerals Engineering, 2016, 98, 22-29.	4.3	15
23	Model of banana screen for robust performance. Minerals Engineering, 2016, 91, 66-73.	4.3	16
24	Size and shape simulation in a tertiary crushing stage, a multi objective perspective. Minerals Engineering, 2015, 77, 72-77.	4.3	16
25	Modelling and simulation of dynamic crushing plant behavior with MATLAB/Simulink. Minerals Engineering, 2013, 43-44, 112-120.	4.3	27
26	Modelling and dynamic simulation of gradual performance deterioration of a crushing circuit “ Including time dependence and wear. Minerals Engineering, 2012, 33, 13-19.	4.3	13
27	Real-time algorithm for cone crusher control with two variables. Minerals Engineering, 2011, 24, 987-994.	4.3	19
28	Algorithm for dynamic cone crusher control. Minerals Engineering, 2009, 22, 296-303.	4.3	16