

Robert B Finkelman

List of Publications by Year in descending order

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40
papers

4,859
citations

218592

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276775

41
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docs citations

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times ranked

2372
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of trace elements in Chinese coals: A review of abundances, genetic types, impacts on human health, and industrial utilization. <i>International Journal of Coal Geology</i> , 2012, 94, 3-21.	1.9	863
2	Coal as a promising source of critical elements: Progress and future prospects. <i>International Journal of Coal Geology</i> , 2018, 186, 155-164.	1.9	396
3	Modes of occurrence of potentially hazardous elements in coal: levels of confidence. <i>Fuel Processing Technology</i> , 1994, 39, 21-34.	3.7	381
4	Health impacts of coal and coal use: possible solutions. <i>International Journal of Coal Geology</i> , 2002, 50, 425-443.	1.9	372
5	Metalliferous coals: A review of the main genetic and geochemical types. <i>International Journal of Coal Geology</i> , 2008, 76, 253-289.	1.9	349
6	Quantification of the modes of occurrence of 42 elements in coal. <i>International Journal of Coal Geology</i> , 2018, 185, 138-160.	1.9	275
7	Potential health impacts of burning coal beds and waste banks. <i>International Journal of Coal Geology</i> , 2004, 59, 19-24.	1.9	250
8	The importance of minerals in coal as the hosts of chemical elements: A review. <i>International Journal of Coal Geology</i> , 2019, 212, 103251.	1.9	232
9	Notes on Contributions to the Science of Rare Earth Element Enrichment in Coal and Coal Combustion Byproducts. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 32.	0.8	195
10	Trace and Minor Elements in Coal. <i>Topics in Geobiology</i> , 1993, , 593-607.	0.6	171
11	Valuable elements in Chinese coals: a review. <i>International Geology Review</i> , 2018, 60, 590-620.	1.1	170
12	Organic associations of non-mineral elements in coal: A review. <i>International Journal of Coal Geology</i> , 2020, 218, 103347.	1.9	128
13	Modes of occurrence of elements in coal: A critical evaluation. <i>Earth-Science Reviews</i> , 2021, 222, 103815.	4.0	115
14	The health impacts of coal use in China. <i>International Geology Review</i> , 2018, 60, 579-589.	1.1	87
15	Characterization of Turkish coals: a nationwide perspective. <i>International Journal of Coal Geology</i> , 2004, 60, 85-115.	1.9	83
16	Stone coal in China: a review. <i>International Geology Review</i> , 2018, 60, 736-753.	1.1	77
17	Some considerations concerning the use of correlation coefficients and cluster analysis in interpreting coal geochemistry data. <i>International Journal of Coal Geology</i> , 2010, 83, 491-493.	1.9	76
18	The future environmental and health impacts of coal. <i>Energy Geoscience</i> , 2021, 2, 99-112.	1.3	71

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19	Mapping and Prediction of Coal Workers' Pneumoconiosis with Bioavailable Iron Content in the Bituminous Coals. <i>Environmental Health Perspectives</i> , 2005, 113, 964-968.	2.8	69
20	Silica-Volatile Interaction and the Geological Cause of the Xuan Wei Lung Cancer Epidemic. <i>Environmental Science & Technology</i> , 2009, 43, 9016-9021.	4.6	64
21	Modes of occurrence and origin of mineral matter in the Palaeogene coal (No. 19-2) from the Hunchun Coalfield, Jilin Province, China. <i>International Journal of Coal Geology</i> , 2018, 189, 94-110.	1.9	57
22	Mineralogy and geochemistry of ash and slag from coal gasification in China: a review. <i>International Geology Review</i> , 2018, 60, 717-735.	1.1	39
23	Coal geology in China: an overview. <i>International Geology Review</i> , 2018, 60, 531-534.	1.1	39
24	Endemic Arsenosis Caused by Indoor Combustion of High-As Coal in Guizhou Province, P.R. China. <i>Environmental Geochemistry and Health</i> , 2005, 27, 521-528.	1.8	35
25	Leaching characteristics of alkaline coal combustion by-products: A case study from a coal-fired power plant, Hebei Province, China. <i>Fuel</i> , 2019, 255, 115710.	3.4	34
26	Petrological Characteristics and Trace Element Partitioning of Gasification Residues from Slagging Entrained-Flow Gasifiers in Ningdong, China. <i>Energy & Fuels</i> , 2018, 32, 3052-3067.	2.5	30
27	Medical Geology: Impacts of the Natural Environment on Public Health. <i>Geosciences (Switzerland)</i> , 2016, 6, 8.	1.0	27
28	Fluorosis caused by indoor coal combustion in China: discovery and progress. <i>Environmental Geochemistry and Health</i> , 2007, 29, 103-108.	1.8	21
29	Leachability of Hazardous Trace Elements from Entrained-Flow Coal Gasification Residues in Ningdong, China. <i>Energy & Fuels</i> , 2017, 31, 9703-9716.	2.5	21
30	What do coal geochemistry statistics really mean?. <i>Fuel</i> , 2020, 267, 117084.	3.4	20
31	Average Linkage Hierarchical Clustering Algorithm for Determining the Relationships between Elements in Coal. <i>ACS Omega</i> , 2021, 6, 6206-6217.	1.6	19
32	Changes and Distribution of Modes of Occurrence of Seventeen Potentially-Hazardous Trace Elements during Entrained Flow Gasification of Coals from Ningdong, China. <i>Minerals (Basel)</i> , 2021, 11, 1075.	1.6	17
33	Coal elemental (compositional) data analysis with hierarchical clustering algorithms. <i>International Journal of Coal Geology</i> , 2022, 249, 103892.	1.9	16
34	The Influence of Clays on Human Health: A Medical Geology Perspective. <i>Clays and Clay Minerals</i> , 2019, 67, 1-6.	0.6	12
35	Evaluation on determination of iodine in coal by energy dispersive X-ray fluorescence. <i>Geochemical Journal</i> , 2005, 39, 391-394.	0.5	12
36	Distribution, modes of occurrence, and main factors influencing lead enrichment in Chinese coals. <i>International Journal of Coal Science and Technology</i> , 2020, 7, 1-18.	2.7	9

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37	Potential utilization of coal gasification residues from entrained-flow gasification plants based on rare earth geochemical characteristics. <i>Journal of Cleaner Production</i> , 2021, 280, 124329.	4.6	9
38	Guizhou Province, China: the birthplace of modern Medical Geology. <i>Acta Geochimica</i> , 2020, 39, 155-159.	0.7	6
39	Distribution of rare earth elements in PM10 emitted from burning coals and soil-mixed coal briquettes. <i>Journal of Environmental Sciences</i> , 2020, 97, 96-101.	3.2	6
40	The Society for Environmental Geochemistry and Health (SEGH): building for the future. <i>Environmental Geochemistry and Health</i> , 2020, 42, 343-347.	1.8	5