

Yuzhuang Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/221035/publications.pdf>

Version: 2024-02-01

91
papers

3,028
citations

159525

30
h-index

175177

52
g-index

93
all docs

93
docs citations

93
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Coal deposits as promising sources of rare metals for alternative power and energy-efficient technologies. <i>Applied Geochemistry</i> , 2013, 31, 1-11.	1.4	261
2	Mineralogical and geochemical compositions of the coal in the Guanbanwusu Mine, Inner Mongolia, China: Further evidence for the existence of an Al (Ga and REE) ore deposit in the Jungar Coalfield. <i>International Journal of Coal Geology</i> , 2012, 98, 10-40.	1.9	252
3	Enrichment of arsenic, antimony, mercury, and thallium in a Late Permian anthracite from Xingren, Guizhou, Southwest China. <i>International Journal of Coal Geology</i> , 2006, 66, 217-226.	1.9	172
4	Estimate of sulfur, arsenic, mercury, fluorine emissions due to spontaneous combustion of coal gangue: An important part of Chinese emission inventories. <i>Environmental Pollution</i> , 2016, 209, 107-113.	3.7	152
5	Coal deposits as promising alternative sources for gallium. <i>Earth-Science Reviews</i> , 2015, 150, 95-101.	4.0	84
6	Pollution extents of organic substances from a coal gangue dump of Jiulong Coal Mine, China. <i>Environmental Geochemistry and Health</i> , 2009, 31, 81-89.	1.8	79
7	Geochemical Evidences of Natural Gas Migration and Releasing in the Ordos Basin, China. <i>Energy Exploration and Exploitation</i> , 2009, 27, 1-13.	1.1	79
8	Petrologic and geochemical characteristics of Seam 9-3 and Seam 2, Xingtai Coalfield, Northern China. <i>International Journal of Coal Geology</i> , 2002, 49, 251-262.	1.9	71
9	Li Distribution and Mode of Occurrences in Li-Bearing Coal Seam # 6 from the Guanbanwusu Mine, Inner Mongolia, Northern China. <i>Energy Exploration and Exploitation</i> , 2012, 30, 109-130.	1.1	71
10	Concentrations of Lithium in Chinese Coals. <i>Energy Exploration and Exploitation</i> , 2010, 28, 97-104.	1.1	70
11	Occurrence of some valuable elements in the unique "high-aluminium coals" from the Jungar coalfield, China. <i>Ore Geology Reviews</i> , 2016, 72, 659-668.	1.1	67
12	Biodiesel synthesis from the esterification of free fatty acids and alcohol catalyzed by long-chain Brønsted acid ionic liquid. <i>Catalysis Science and Technology</i> , 2013, 3, 1102.	2.1	66
13	Concentrations of Valuable Elements of the Coals from the Pingshuo Mining District, Ningwu Coalfield, Northern China. <i>Energy Exploration and Exploitation</i> , 2013, 31, 727-744.	1.1	66
14	Isotopic evidence for multi-stage base metal enrichment in the Kupferschiefer from the Sangerhausen Basin, Germany. <i>Chemical Geology</i> , 2001, 176, 31-49.	1.4	65
15	Experimental Study of Early Formation Processes of Macerals and Sulfides. <i>Energy & Fuels</i> , 2010, 24, 1124-1128.	2.5	60
16	Tectonic Background of Ordos Basin and its Controlling Role for Basin Evolution and Energy Mineral Deposits. <i>Energy Exploration and Exploitation</i> , 2009, 27, 15-27.	1.1	58
17	Metal accumulation during and after deposition of the Kupferschiefer from the Sangerhausen Basin, Germany. <i>Applied Geochemistry</i> , 1997, 12, 577-592.	1.4	49
18	Petrologic and geochemical characteristics of "barkinite" from the Dahe mine, Guizhou Province, China. <i>International Journal of Coal Geology</i> , 2003, 56, 269-276.	1.9	49

#	ARTICLE	IF	CITATIONS
19	Influences of secondary oxidation and sulfide formation on several maturity parameters in Kupferschiefer. <i>Organic Geochemistry</i> , 1998, 29, 1419-1429.	0.9	43
20	Maceral and geochemical characteristics of coal seam 1 and oil shale 1 in fault-controlled Huangxian Basin, China. <i>Organic Geochemistry</i> , 1998, 29, 583-591.	0.9	41
21	Synthesis of polymer based catalyst: Optimization and kinetics modeling of the transesterification of Pistacia chinensis oil with diethyl carbonate using acidic ionic liquids. <i>Fuel</i> , 2020, 276, 118121.	3.4	37
22	Production and Analysis of Biodiesel from Non-Edible Seed Oil of <i>Pistacia Chinensis</i> . <i>Energy Exploration and Exploitation</i> , 2010, 28, 37-46.	1.1	36
23	Minimum Mining Grade of Associated Li Deposits in Coal Seams. <i>Energy Exploration and Exploitation</i> , 2012, 30, 167-170.	1.1	36
24	Pollution of organic compounds and heavy metals in a coal gangue dump of the Gequan Coal Mine, China. <i>Diqu Huaxue</i> , 2013, 32, 241-247.	0.5	36
25	Optimization of soybean oil transesterification using an ionic liquid and methanol for biodiesel synthesis. <i>Energy Reports</i> , 2020, 6, 20-27.	2.5	35
26	Further Information of the Associated Li Deposits in the No.6 Coal Seam at Jungar Coalfield, Inner Mongolia, Northern China. <i>Acta Geologica Sinica</i> , 2013, 87, 1097-1108.	0.8	33
27	Distribution characteristics and migration patterns of hazardous trace elements in coal combustion products of power plants. <i>Fuel</i> , 2019, 258, 116062.	3.4	33
28	Differences in the depositional environment of basal Zechstein in southwest Poland: implication for base metal mineralization. <i>Organic Geochemistry</i> , 1995, 23, 819-835.	0.9	32
29	Oxidation of Organic Matter in the Transition Zone of the Zechstein Kupferschiefer from the Sangerhausen Basin, Germany. <i>Energy & Fuels</i> , 2001, 15, 817-829.	2.5	32
30	Early Hydrocarbon Generation of Algae and Influences of Inorganic Environments during Low Temperature Simulation. <i>Energy Exploration and Exploitation</i> , 2008, 26, 377-396.	1.1	32
31	The occurrence of barium in a Jurassic coal in the Huangling 2 Mine, Ordos Basin, northern China. <i>Fuel</i> , 2014, 128, 428-432.	3.4	32
32	Significant enrichment of Ga, Rb, Cs, REEs and Y in the Jurassic No. 6 coal in the Iqe Coalfield, northern Qaidam Basin, China—A hidden gem. <i>Ore Geology Reviews</i> , 2017, 83, 1-13.	1.1	32
33	Comments on the geochemistry of rare-earth elements (La, Ce, Sm, Eu, Tb, Yb, Lu) with examples from coals of north Asia (Siberia, Russian far East, North China, Mongolia, and Kazakhstan). <i>International Journal of Coal Geology</i> , 2019, 206, 106-120.	1.9	32
34	Experimental Study of Decay Conditions of Organic Matter and its Significant for Immature Oil Generation. <i>Energy Exploration and Exploitation</i> , 2006, 24, 161-170.	1.1	30
35	Geochemistry of the barkinite liptobolite (Late Permian) from the Jinshan Mine, Anhui Province, China. <i>Environmental Geochemistry and Health</i> , 2007, 29, 33-44.	1.8	29
36	The origin of pale and dark layers in Pliocene lignite deposits from Yunnan Province, Southwest China, based on coal petrological and organic geochemical analyses. <i>International Journal of Coal Geology</i> , 2018, 195, 172-188.	1.9	29

#	ARTICLE	IF	CITATIONS
37	Gold Enrichment Mechanism in Crude Oils and Source Rocks in Jiyang Depression. <i>Energy Exploration and Exploitation</i> , 2009, 27, 133-142.	1.1	28
38	Evidence of widespread wildfires in coal seams from the Middle Jurassic of Northwest China and its impact on paleoclimate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 559, 109819.	1.0	27
39	Evidence for the repeated occurrence of wildfires in an upper Pliocene lignite deposit from Yunnan, SW China. <i>International Journal of Coal Geology</i> , 2022, 250, 103924.	1.9	27
40	Comparison of the Geochemical Characteristics of "Barkinite" and other Macerals from the Dahe Mine, South China. <i>Energy Exploration and Exploitation</i> , 2005, 23, 475-494.	1.1	25
41	Geochemical Characteristics of Rare-Metal, Rare-Scattered, and Rare-Earth Elements and Minerals in the Late Permian Coals from the Moxinpo Mine, Chongqing, China. <i>Energy & Fuels</i> , 2018, 32, 3138-3151.	2.5	25
42	Geminal Brønsted Acid Ionic Liquids as Catalysts for the Mannich Reaction in Water. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8656-8666.	1.8	23
43	The current state applications of ethyl carbonate with ionic liquid in sustainable biodiesel production: A review. <i>Renewable Energy</i> , 2022, 181, 341-354.	4.3	22
44	Relationship between metal enrichment and organic composition in Kupferschiefer hosting structure-controlled mineralization from Oberkatz Schwelle, Germany. <i>Applied Geochemistry</i> , 1996, 11, 567-581.	1.4	21
45	Anomalous Concentrations of Rare Metal Elements, Rare-scattered (Dispersed) Elements and Rare Earth Elements in the Coal from Iqe Coalfield, Qinghai Province, China. <i>Acta Geologica Sinica</i> , 2015, 89, 229-241.	0.8	21
46	Characteristics of Trace Elements of the No. 6 Coal in the Guanbanwusu Mine, Junger Coalfield, Inner Mongolia. <i>Energy Exploration and Exploitation</i> , 2011, 29, 827-841.	1.1	19
47	Origin and geological implications of super high sulfur-containing polycyclic aromatic compounds in high-sulfur coal. <i>Gondwana Research</i> , 2021, 96, 219-231.	3.0	19
48	Deacidification of Pistacia chinensis Oil as a Promising Non-Edible Feedstock for Biodiesel Production in China. <i>Energies</i> , 2012, 5, 2759-2770.	1.6	18
49	Influences of Deep Fluids on Organic Matter of Source Rocks from the Dongying Depression, East China. <i>Energy Exploration and Exploitation</i> , 2001, 19, 479-486.	1.1	17
50	Maturity Parameters of Source Rocks from the Baise Basin, South China. <i>Energy Exploration and Exploitation</i> , 2005, 23, 257-265.	1.1	17
51	Organic geochemistry of semianthracite from the Gequan Mine, Xingtai Coalfield, China. <i>International Journal of Coal Geology</i> , 2013, 116-117, 281-292.	1.9	17
52	Optimization and kinetics of tung nut oil transesterification with methanol using novel solid acidic ionic liquid polymer as catalyst for methyl ester synthesis. <i>Renewable Energy</i> , 2020, 151, 796-804.	4.3	17
53	Enrichment mechanisms of lithium in the No. 6 coal seam from the Guanbanwusu Mine, Inner Mongolia, China: Explanations based on Li isotope values and density functional theory calculations. <i>Journal of Geochemical Exploration</i> , 2020, 213, 106510.	1.5	16
54	Long-term, low temperature simulation of early diagenetic alterations of organic matter from conifers: Aliphatic hydrocarbons. <i>Geochemical Journal</i> , 2010, 44, 247-259.	0.5	15

#	ARTICLE	IF	CITATIONS
55	Timeframe of hydrocarbon migration in the Paleogene Shahejie Formation in the Dongying depression, Bohai Bay Basin (northeastern China) based on fluid inclusions and oil geochemistry. <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107428.	2.1	15
56	Coal Petrological Characteristics and Coal Facies of No. 11 Seam from the Antaibao Mine, Ningwu Coalfield, China. <i>Energy Exploration and Exploitation</i> , 2011, 29, 315-326.	1.1	13
57	Recovery of Original Organic Parameters of the the Outcropping Source Rocks from South China. <i>Energy Exploration and Exploitation</i> , 2002, 20, 365-370.	1.1	12
58	Mechanism of Uranium Accumulation in the Kupferschiefer from Poland and Germany. <i>Energy Exploration and Exploitation</i> , 2005, 23, 463-473.	1.1	11
59	China Geological Survey Proved the Existence of an Extra-large Coal-associated Lithium Deposit. <i>Acta Geologica Sinica</i> , 2015, 89, 311-311.	0.8	11
60	Stable isotopic and elemental characteristics of pale and dark layers in a late Pliocene lignite deposit basin in Yunnan Province, southwestern China: Implications for paleoenvironmental changes. <i>International Journal of Coal Geology</i> , 2020, 226, 103498.	1.9	11
61	Influences of coal mining water irrigation on the maize losses in the Xingdong Mine area, China. <i>Environmental Geochemistry and Health</i> , 2014, 36, 99-106.	1.8	10
62	The smog pollution in Handan - a mining and industrial city in China. <i>World Journal of Engineering</i> , 2014, 11, 613-620.	1.0	10
63	Production of methyl esters from fried soybean oil using dimethyl carbonate with hydrobromic acid. <i>Energy Reports</i> , 2019, 5, 1463-1469.	2.5	10
64	Polycyclic aromatic hydrocarbons (PAHs) and esophageal carcinoma in Handan-Xingtai district, North China: a preliminary study based on cancer risk assessment. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 596.	1.3	10
65	Maceral and Geochemical Characteristics of Oil Shale 2 from the Huangxian Basin, China. <i>Energy Exploration and Exploitation</i> , 2001, 19, 569-580.	1.1	9
66	Composition of kerogen in Kupferschiefer from southwest Poland. <i>Diqu Huaxue</i> , 2004, 23, 101-111.	0.5	9
67	Relationship of polycyclic aromatic sulfur compounds and gold enrichment in the Kupferschiefer from Poland and Germany. <i>Diqu Huaxue</i> , 2006, 25, 16-22.	0.5	9
68	Formation Mechanism of Maceral and Mineral Compositions of the "Barkinite" Liptobolith from the Jinshan Mine, Anhui Province, China. <i>Acta Geologica Sinica</i> , 2010, 84, 643-653.	0.8	9
69	Early diagenetic transformation of terpenoids from conifers in the aromatic hydrocarbon fraction: A long term, low temperature maturation experiment. <i>Organic Geochemistry</i> , 2012, 53, 99-108.	0.9	9
70	Evidence of widespread wildfires in a coal seam from the middle Permian of the North China Basin. <i>Lithosphere</i> , 0, , L638.1.	0.6	8
71	Process optimization using novel acidic ionic liquids and the kinetics modeling of methyl esters using <i>Jatropha curcas</i> oil with dimethyl carbonate. <i>Fuel</i> , 2019, 258, 116165.	3.4	8
72	Investigation of fluid inclusion and oil geochemistry to delineate the charging history of Upper Triassic Chang 6, Chang 8, and Chang 9 tight oil reservoirs, Southeastern Ordos Basin, China. <i>Marine and Petroleum Geology</i> , 2020, 113, 104115.	1.5	8

#	ARTICLE	IF	CITATIONS
73	Enrichment Mechanisms of Gallium and Indium in No. 9 Coals in Anjialing Mine, Ningwu Coalfield, North China, with a Preliminary Discussion on Their Potential Health Risks. Minerals (Basel), 2021, 10, 1074. doi:10.3390/min10071074	0.784314	10
74	Title is missing!. Environmental Geochemistry and Health, 2000, 22, 249-261.	1.8	7
75	Advance of mining technology for coals under buildings in China. World Journal of Engineering, 2012, 9, 213-220.	1.0	7
76	Synthesis of Generation-2 polyamidoamine based ionic liquid: Efficient dendrimer based catalytic green fuel production from yellow grease. Energy, 2021, 219, 119637.	4.5	7
77	Novel synthesized microporous ionic polymer applications in transesterification of Jatropha curcas seed oil with short Chain alcohol. Applied Catalysis A: General, 2021, 625, 118335.	2.2	7
78	Differences between the coal floral, petrological and geochemical compositions of Carboniferous and Permian coal from the Xingtai coalfield, North China. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 1996, 202, 217-226.	0.2	7
79	“Barkinite” A New Maceral or Not?. Energy Exploration and Exploitation, 2010, 28, 159-172.	1.1	6
80	Molecular and carbon isotope composition of hydrocarbons from ambers of the Eocene Shenbei coalfield (Liaoning Province, NE China). Organic Geochemistry, 2022, 170, 104436.	0.9	6
81	Data on the sulfur-containing polycyclic aromatic compounds of high-sulfur coal of SW China. Data in Brief, 2021, 37, 107218.	0.5	5
82	Title is missing!. Environmental Geochemistry and Health, 1999, 21, 141-155.	1.8	4
83	Influences of ore formation on biomarkers in the Kupferschiefer from the Lubin mine, Poland. Diqiu Huaxue, 2005, 24, 101-107.	0.5	4
84	Source of selenium in Handan geochemical anomaly belt: Evidences from petrology and geochemistry of Upper Paleozoic in western Handan, China. Journal of Geochemical Exploration, 2021, 226, 106770.	1.5	4
85	Geochemical characteristics of Dongsheng sandstone-type uranium deposit, Ordos Basin. Diqiu Huaxue, 2007, 26, 235-243.	0.5	3
86	Preparation of Nano-Kaolinite and Mechanism. Advanced Materials Research, 0, 204-210, 1217-1220.	0.3	3
87	Important Achievement and Advance of Natural Gas Geology and Geochemical Exploration in China. Acta Geologica Sinica, 2015, 89, 1411-1411.	0.8	3
88	Distribution Pattern and Enrichment Mechanism of Selenium in Topsoil in Handan Se-Enriched Belt, North China. Sustainability, 2022, 14, 3183.	1.6	3
89	Organically geochemical characteristics of the Fankou Pb-Zn deposit in North Guangdong Province, China: Implication for Pb-Zn enrichment. Diqiu Huaxue, 2009, 28, 136-145.	0.5	2
90	Long-Term, Low-Temperature Simulation of Early Diagenesis of Organic Matter from Algae: Significance for Immature Oil. Petroleum Science and Technology, 2013, 31, 1439-1446.	0.7	2

#	ARTICLE	IF	CITATIONS
91	Response to Comments by Dai et al. on Geochemical Characteristics of Rare-Metal, Rare-Scattered, and Rare-Earth Elements and Minerals in the Late Permian Coals from the Moxinpo Mine, Chongqing, China. <i>Energy & Fuels</i> , 2018, 32, 8895-8896.	2.5	0