

# Guoxi Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/921418/publications.pdf>

Version: 2024-02-01

11  
papers

96  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
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11  
docs citations

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times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of pore structure on methane adsorption behavior of ductile tectonically deformed coals: An inspiration to coalbed methane exploitation in structurally complex area. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 74, 103083.	4.4	23
2	Structural evolution of southern Sichuan Basin (South China) and its control effects on tectonic fracture distribution in Longmaxi shale. <i>Journal of Structural Geology</i> , 2021, 153, 104465.	2.3	20
3	Effects of pore-fracture structure of ductile tectonically deformed coals on their permeability: An experimental study based on raw coal cores. <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107371.	4.2	18
4	Multifractal Behavior of the Micro- and Mesopore Structures of Brittle Tectonically Deformed Coals and Its Influence on Methane Adsorption Capacity. <i>Energy &amp; Fuels</i> , 2021, 35, 3042-3064.	5.1	12
5	Multifractal analysis and evolution rules of micro-fractures in brittle tectonically deformed coals of Yangquan mining area. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	8
6	Characteristics of tectonic deformation in the Daning-Jixian region, eastern Ordos Basin: Implications for the exploration and development of coalbed methane. <i>Energy Exploration and Exploitation</i> , 2019, 37, 907-921.	2.3	6
7	Methane Adsorption Behavior and Energy Variations of Brittle Tectonically Deformed Coal under High Temperature and High Pressure. <i>ACS Omega</i> , 2022, 7, 2737-2751.	3.5	5
8	Simulation of coalbed methane generation, dissipation, and preservation and analysis of the geological influencing factors: a case study of the Xinjing coal mine, northeastern Qinshui basin, China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
9	Influence of mechanical grinding on characterization of nanopores of tectonically deformed coal: a comparative study between coal chunks and crushed coal. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
10	Distribution Prediction of Shale Deformation Structures in Tectonically Complex Area Based on Relationship Between Geological Structures and Shale Deformation. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	1
11	Control Mechanism of Macerals and Temperature on the Mechanical Properties of In Situ Coal. <i>Energy &amp; Fuels</i> , 2022, 36, 3051-3061.	5.1	0