

Topic: "Lacustrine sediments petroleum deposits". Bibliometrics analysis of publications: 2014-2019 years

Start Date: 29 April 2019

Definitions which are estimated the importance of theme:

Lacustrine deposits are sedimentary rock formations which formed in the bottom of ancient lakes. A common characteristic of lacustrine deposits is that a river or stream channel has carried sediment into the basin. Lacustrine deposits form in all lake types including rift graben lakes, oxbow lakes, glacial lakes, and crater lakes.

Lacustrine deposits have gained more attention recently due to containing valuable source rocks of oil, coal, and uranium.

https://en.wikipedia.org/wiki/Lacustrine_deposits

Organic-rich lacustrine sediments, potential sources of oil and/or gas, represent a group of lacustrine sediments whose interpretation is not only intellectually challenging but whose subsurface prediction, in terms of location, nature and lateral variation, is economically important.

Lacustrine Petroleum Source Rocks EDITED BY: A. J. FLEET; K. KELTS; M. R. TALBOT Geology Institute University of Bergen 1988

It is shown that hydrocarbon deposits associated with fossil lacustrine complexes represent a separate genetic group of deposits that differ in terms of a complex of geological, geochemical and geoecological features. The mechanisms of accumulation of sours rocks in lacustrine basins of different hydrological type are presented. It was established that the lacustrine genesis oil has a better chemical composition compared to liquid hydrocarbons of marine genesis. However, their extraction requires additional economic and environmental costs due to complex geological conditions.

cited by: A.A. Rasskazov E.S. Gorbatov E.Y. Vasilieva 2017 DOI: 10.22363/2313-2310-2017-25-3-366-379

<http://dx.doi.org/10.22363/2313-2310-2017-25-3-366-379>

Although much of the world's petroleum resource-base is associated with marine systems, regionally lacustrine petroleum systems are important. Individual accumulations may exceed several billion barrels.

Commercially significant lacustrine systems require the presence of large, long-lived lakes. Such lake settings are tectonic in origin and restricted to climatic settings where precipitation exceeds evaporation. Within these large lake systems three primary factors determine source rock potential and quality. These factors are primary productivity level, organic preservation potential, and matrix sedimentation rate, which controls the dilution of preserved organic matter.

Lacustrine basin hydrocarbon exploration - Current thoughts. August 2001. Journal of Paleolimnology 26(2):161-179. DOI: <http://dx.doi.org/10.1023/A:1011173805661> Barry Katz

Source-rock samples from the Upper Triassic Yanchang Formation in the Ordos Basin of China were geochemically characterized to determine variations in depositional environments, organic-matter (OM) source, and thermal maturity. Total organic carbon (TOC) content varies from 4 wt% to 10 wt% in the Chang 7, Chang 8, and Chang 9 members — the three OM-rich shale intervals. The Chang 7 has the highest TOC and hydrogen index values, and it is considered the best source rock in the formation. Geochemical evidence indicates that the main sources of OM in the Yanchang Formation are freshwater lacustrine phytoplankton, aquatic macrophytes, aquatic organisms, and land plants deposited under a weakly reducing to suboxic depositional environment.

Liquid hydrocarbon characterization of the lacustrine Yanchang Formation, Ordos Basin, China: Organic-matter source variation and thermal maturity Check for updates on crossmark. Authors: Xun Sun, Quansheng Liang, Chengfu Jiang, Daniel Enriquez, Tongwei Zhang, and Paul Hackley. <https://doi.org/10.1190/INT-2016-0114.1>

The main concepts for this bibliometrics analysis: "Lacustrine deposits" AND "Petroleum resources"

Main item: Publication activities on topic "Lacustrine deposits and petroleum" on different Geologic Time.

Databases for bibliometric analysis:

- OnePetro
- Web of Science
- Scopus

Basic concepts for queries formulation: Lacustrine petroleum AND some Geologic Time

OnePetro: Lacustrine petroleum AND:

Geologic Time	results
Mesozoic	245
Cretaceous	524
Jurassic	376
Triassic	292
Paleozoic	194
Cambrian	111
Devonian	141
Ordovician	80

Dimensions.ai Criteria: Text - 'Lacustrine petroleum AND **Geologic Time**' in full data; Publication Year is 2014 or 2015 or 2016 or 2017 or 2018 or 2019; Fields of Research is 0403 Geology; Publication Type is Article."

Geologic Time	results
Mesozoic	3,663
Cretaceous	4,532
Jurassic	3,725
Triassic	3,314
Paleozoic	2,743
Cambrian	1,611
Devonian	1,957
Ordovician	1,536

Web of Science

Web of Science: TOPIC: (Lacustrine AND petroleum AND **Geologic Time**) Timespan: 2014-2019. Indexes: SCI-EXPANDED, ESCI

Geologic Time	results
Mesozoic	11
Cretaceous	58
Jurassic	35
Triassic	49
Paleozoic	13
Cambrian	6
Devonian	6
Ordovician	8

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Mesozoic**)

Title	Authors	Total Citations	Average per Year
Subsurface evidence for late Mesozoic extension in western Mongolia: tectonic and petroleum systems implications	Johnson, C. L.; Constenius, K. C.; Graham, S. A.; Mackey, G.; Menotti, T.; Payton, A.; Tully, J.	12	2.40
The discovery of the Barmer Basin, Rajasthan, India, and its petroleum geology	Dolson, John; Burley, Stuart D.; Sunder, V. R.; Kothari, V.; Naidu, Bodapati; Whiteley, Nicholas P.; Farrimond, Paul; Taylor, Andrew; Direen, Nicholas; Ananthakrishnan, B.	10	2.00
Geochemical characteristics and origin of the crude oils and condensates from Yakela Faulted-Uplift, Tarim Basin	Song, Daofu; Wang, T. -G.; Li, Hongbo	7	1.40
Distribution and geochemical significance of phenylphenanthrenes and their isomers in selected oils and rock extracts from the Tarim Basin, NW China	Huang, Shao-Ying; Li, Mei-Jun; Zhang, Ke; Wang, T. -G.; Xiao, Zhong-Yao; Fang, Rong-Hui; Zhang, Bao-Shou; Wang, Dao-Wei; Zhao, Qing; Yang, Fu-Lin	6	1.50
Speculative petroleum systems of the southern Pelotas Basin, offshore Uruguay	Conti, Bruno; de Jesus Perinotto, Jose Alexandre; Veroslaysky, Gerardo; Castillo, Maria Gabriela; Ana, Hector de Santa; Soto, Matias; Morales, Ethel	4	1.33

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Cretaceous**)

Title	Authors	Total Citations	Average per Year
Post-rift geodynamics of the Songliao Basin, NE China: Origin and significance of T11 (Coniacian) unconformity	Song, Ying; Ren, Jianye; Stepashko, Andrei A.; Li, Jianguo	29	4.83
Evaluation of the petroleum composition and quality with increasing thermal maturity as simulated by hydrous pyrolysis: A case study using a Brazilian source rock with Type I kerogen	Spigolon, Andre L. D.; Lewan, Michael D.; de Barros Penteado, Henrique L.; Coutinho, Luiz Felipe C.; Mendonca Filho, Joao G.	27	5.40
Source rock characteristics of the Lower Cretaceous Abu Gabra Formation in the Muglad Basin, Sudan, and its relevance to oil generation studies	Makeen, Yousif M.; Abdullah, Wan Hasiah; Hakimi, Mohammed Hail; Mustapha, Khairul Azlan	26	5.20
Lacustrine carbonate reservoirs from Early Cretaceous rift lakes of Western Gondwana: Pre-Salt coquinas of Brazil and West Africa	Thompson, Daniel L.; Stilwell, Jeffrey D.; Hall, Mike	24	4.80
Presalt stratigraphy and depositional systems in the Kwanza Basin, offshore Angola	Saller, Arthur; Rushton, Shawn; Buambua, Lino; Inman, Kerry; McNeil, Ross; Dickson, J. A. D. (Tony)	22	5.50

5 top publications on: TOPIC: (Lacustrine AND petroleum AND Jurassic)

Title	Authors	Total Citations	Average per Year
Multiple-stage migration and accumulation of Permian lacustrine mixed oils in the central Junggar Basin (NW China)	Xiang, Baoli; Zhou, Ni; Ma, Wanyun; Wu, Ming; Cao, Jian	22	4.40
Sequence stratigraphy, sedimentary systems and petroleum plays in a low-accommodation basin: Middle to upper members of the Lower Jurassic Sangonghe Formation, Central Junggar Basin, Northwestern China	Fong, Youliang; Jiang, Shu; Wang, Chunfang	15	3.00
Role of rift transection and punctuated subsidence in the development of the North Falkland Basin	Lohr, Tina; Underhill, John R.	12	2.40
Subsurface evidence for late Mesozoic extension in western Mongolia: tectonic and petroleum systems implications	Johnson, C. L.; Constenius, K. C.; Graham, S. A.; Mackey, G.; Menotti, T.; Payton, A.; Tully, J.	12	2.40
Hydrocarbon storage space within lacustrine gas shale of the Triassic Yanchang Formation, Ordos Basin, China	Wang, Xiangzeng; Zhang, Lixia; Jiang, Chengfu; Fan, Bojiang	12	2.40

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Triassic**)

Title	Authors	Total Citations	Average per Year
Shale characteristics in the southeastern Ordos Basin, China: Implications for hydrocarbon accumulation conditions and the potential of continental shales	Tang, Xuan; Zhang, Jinchuan; Wang, Xiangzeng; Yu, Bingsong; Ding, Wenlong; Xiong, Jinyu; Yang, Yiting; Wang, Long; Yang, Chao	92	15.33
The role of the residual bitumen in the gas storage capacity of mature lacustrine shale: A case study of the Triassic Yanchang shale, Ordos Basin, China	Xiong, Fengyang; Jiang, Zhenxue; Chen, Jianfa; Wang, Xiangzeng; Huang, Zhilong; Liu, Guoheng; Chen, Feiran; Li, Yirun; Chen, Lei; Zhang, Lixia	31	7.75
Climatic and tectonic controls of lacustrine hyperpycnite origination in the Late Triassic Ordos Basin, central China: Implications for unconventional petroleum development	Yang, Renchao; Jin, Zhijun; van Loon, A. J. (Tom); Han, Zuozhen; Fan, Aiping	25	8.33
Multiple-stage migration and accumulation of Permian lacustrine mixed oils in the central Junggar Basin (NW China)	Xiang, Baoli; Zhou, Ni; Ma, Wanyun; Wu, Ming; Cao, Jian	22	4.40
Hydrocarbon Generation Kinetics of Lacustrine Yanchang Shale in Southeast Ordos Basin, North China	Han, Shuangbiao; Horsfield, Brian; Zhang, Jinchuan; Chen, Qian; Mahlstedt, Nicolaj; di Primio, Rolando; Xiao, Guolin	14	2.33

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Paleozoic**)

Title	Authors	Total Citations	Average per Year
The stable isotope composition of vanadium, nickel, and molybdenum in crude oils	Ventura, G. Todd; Gall, Louise; Siebert, Christopher; Prytulak, Julie; Szatmari, Peter; Huerlimann, Martin; Halliday, Alex N.	21	4.20
Core evidence of paleoseismic events in Paleogene deposits of the Shulu Sag in the Bohai Bay Basin, east China, and their petroleum geologic significance	Zheng, Lijing; Jiang, Zaixing; Liu, Hui; Kong, Xiangxin; Li, Haipeng; Jiang, Xiaolong	12	2.40
Identification and distribution of pyrene, methylpyrenes and their isomers in rock extracts and crude oils	Fang, Ronghui; Li, Meijun; Wang, T. -G.; Zhang, Liwen; Shi, Shengbao	10	2.00
Pregnanes as molecular indicators for depositional environments of sediments and petroleum source rocks	Wang, Guangli; Chang, Xiangchun; Wang, T. -G.; Simoneit, Bernd R. T.	9	1.80
Buried-hill play, Jizhong subbasin, Bohai Bay basin: A review and future prospectivity	Zhao, Xianzheng; Lin, Fengming; Wang, Quan; Bai, Guoping	6	1.20

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Cambrian**)

Title	Authors	Total Citations	Average per Year
Hydrocarbon Generation Kinetics of Lacustrine Yanchang Shale in Southeast Ordos Basin, North China	Han, Shuangbiao; Horsfield, Brian; Zhang, Jinchuan; Chen, Qian; Mahlstedt, Nicolaj; di Primio, Rolando; Xiao, Guolin	14	2.33
Identification and distribution of pyrene, methylpyrenes and their isomers in rock extracts and crude oils	Fang, Ronghui; Li, Meijun; Wang, T. - G.; Zhang, Liwen; Shi, Shengbao	10	2.00
Shale gas in China: Reality and dream	Dong, Dazhong; Guan, Quanzhong; Wang, Shufang; Huang, Jinliang; Wang, Yuman; Zhang, Chenchen	3	0.60
Petroleum system analysis of West Korea Bay Basin, North Korea	Son, Byeong-Kook; Park, Meesook	2	0.40
The application of diamondoid indices in the Tarim oils	Li, Yun; Xiong, Yongqiang; Liang, Qianyong; Fang, Chenchen; Chen, Yuan; Wang, Xiaotao; Liao, Zewen; Peng, Ping'an	1	0.50

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Devonian**)

Title	Authors	Total Citations	Average per Year
Identification of alginite and bituminite in rocks other than coal. 2006, 2009, and 2011 round robin exercises of the ICCP Identification of Dispersed Organic Matter Working Group	Kus, J.; Araujo, C. V.; Borrego, A. G.; Flores, D.; Hackley, P. C.; Hamor-Vido, M.; Kalaitzidis, S.; Kommeren, C. J.; Kwiecinska, B.; Mastalerz, M.; Mendonca Filho, J. G.; Menezes, T. R.; Misz-Kennan, M.; Nowak, G. J.; Petersen, H. I.; Rallakis, D.; Suarez-Ruiz, I.; Sykorova, I.; Zivotic, D.	5	1.67
Correction of two Upper Paleozoic stratigraphic units in the Tianshan Mountains region, Xinjiang Uygur Autonomous Region and implications on the Late Paleozoic evolution of Tianshan tectonic complex, Northwest China	Chen, Zhong-Qiang; Liao, Zhuo-Ting; Liu, Lu-Jun	5	1.00
Hydrocarbon source rocks in sedimentary basins of continental margins in the Middle-Late Paleozoic	Konyukhov, A. I.	4	0.67
Origin of oil and bitumen in the Late Devonian Siljan impact structure, central Sweden	Ahmed, Manzur; Lehnert, Oliver; Fuentes, David; Meinhold, Guido	4	0.67
Organic geochemistry, petrology and palynofacies of Middle Devonian lacustrine flagstones in the Orcadian Basin, Scotland: depositional environment, thermal history and petroleum generation potential	Ghazwani, Assad; Littke, Ralf; Sachse, Victoria; Fink, Reinhard; Mahlstedt, Nicolaj; Hartkopf-Froeder, Christoph	1	0.50

5 top publications on: TOPIC: (Lacustrine AND petroleum AND **Ordovician**)

Title	Authors	Total Citations	Average per Year
Identification and distribution of pyrene, methylpyrenes and their isomers in rock extracts and crude oils	Fang, Ronghui; Li, Meijun; Wang, T.-G.; Zhang, Liwen; Shi, Shengbao	10	2.00
Distribution and geochemical significance of phenylphenanthrenes and their isomers in selected oils and rock extracts from the Tarim Basin, NW China	Huang, Shao-Ying; Li, Mei-Jun; Zhang, Ke; Wang, T.-G.; Xiao, Zhong-Yao; Fang, Rong-Hui; Zhang, Bao-Shou; Wang, Dao-Wei; Zhao, Qing; Yang, Fu-Lin	6	1.50
The characteristics of dolomite reservoir in saline lacustrine Basin, Qaidam, China	Huang, Chenggang; Zhao, Fan; Yuan, Jianying; Wu, Lirong; Chen Gengxin	5	1.25
Origin of oil and bitumen in the Late Devonian Siljan impact structure, central Sweden	Ahmed, Manzur; Lehnert, Oliver; Fuentes, David; Meinhold, Guido	4	0.67
Shale gas in China: Reality and dream	Dong, Dazhong; Guan, Quanzhong; Wang, Shufang; Huang, Jinliang; Wang, Yuman; Zhang, Chenchen	3	0.60

Results Analysis. 291 records for TOPIC: (Lacustrine AND petroleum). Years of publications: 2014-2019

More in file: analyze-Countries-Regions-Web of Science-Results 291.tsv

Countries/Regions	records	% of 291
PEOPLES R CHINA	200	68,729
USA	45	15,464
BRAZIL	22	7,560
GERMANY	21	7,216
AUSTRALIA	19	6,529
CANADA	18	6,186
ENGLAND	16	5,498
MALAYSIA	8	2,749
DENMARK	7	2,405
TURKEY	7	2,405
FRANCE	6	2,062
NIGERIA	6	2,062
SPAIN	5	1,718
RUSSIA	4	1,375

More in file: analyze-**Funding Agencies**-Web of Science-Results 291.tsv

Funding Agencies	records	% of 291
NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA	72	24,742
FUNDAMENTAL RESEARCH FUNDS FOR THE CENTRAL UNIVERSITIES	15	5,155
NATIONAL SCIENCE AND TECHNOLOGY MAJOR PROJECT	11	3,780
NATIONAL BASIC RESEARCH PROGRAM OF CHINA	10	3,436
NATIONAL SCIENCE AND TECHNOLOGY MAJOR PROJECT OF CHINA	8	2,749
STATE KEY LABORATORY OF PETROLEUM RESOURCES AND PROSPECTING	8	2,749
CHINA NATIONAL SCIENCE AND TECHNOLOGY MAJOR PROJECT	6	2,062
CHINA SCHOLARSHIP COUNCIL	6	2,062
SCIENCE FOUNDATION OF CHINA UNIVERSITY OF PETROLEUM BEIJING	5	1,718
STRATEGIC PRIORITY RESEARCH PROGRAM OF THE CHINESE ACADEMY OF SCIENCES	5	1,718

More in file: analyze-**Organizations-Enhanced**-Web of Science-Results 291.tsv

Organizations-Enhanced	records	% of 291
CHINA UNIVERSITY OF PETROLEUM	84	28,866
CHINA NATIONAL PETROLEUM CORPORATION	68	23,368
CHINA UNIVERSITY OF GEOSCIENCES	56	19,244
SINOPEC	40	13,746
CHINA NATIONAL OFFSHORE OIL CORPORATION CNOOC	28	9,622
CHINESE ACADEMY OF SCIENCES	28	9,622
GUANGZHOU INSTITUTE OF GEOCHEMISTRY CAS	13	4,467
YANTZEE UNIVERSITY	12	4,124
INSTITUTE OF GEOLOGY GEOPHYSICS CAS	11	3,780
NANJING UNIVERSITY	11	3,780
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO	11	3,780
SHANDONG UNIVERSITY OF SCIENCE TECHNOLOGY	10	3,436
UNIVERSITY OF CHINESE ACADEMY OF SCIENCES CAS	10	3,436

More in file: analyze-Research **Areas-Web of Science**-Results 291.tsv

Research Areas	records	% of 291	#Line
GEOLOGY	168	57,732	2
ENERGY FUELS	83	28,522	3
ENGINEERING	61	20,962	4
GEOCHEMISTRY GEOPHYSICS	52	17,869	5
CHEMISTRY	4	1,375	6
PALEONTOLOGY	4	1,375	7
ENVIRONMENTAL SCIENCES ECOLOGY	2	0,687	8
PHYSICAL GEOGRAPHY	2	0,687	9

More in file: analyze-**Source Titles**-Web of Science-Results 291.tsv

Source Titles	records	% of 291
MARINE AND PETROLEUM GEOLOGY	57	19,588
ORGANIC GEOCHEMISTRY	28	9,622
ENERGY FUELS	15	5,155
INTERNATIONAL JOURNAL OF COAL GEOLOGY	15	5,155
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	15	5,155
AAPG BULLETIN	12	4,124
ENERGY EXPLORATION EXPLOITATION	8	2,749
INTERPRETATION A JOURNAL OF SUBSURFACE CHARACTERIZATION	8	2,749
JOURNAL OF PETROLEUM GEOLOGY	8	2,749
ARABIAN JOURNAL OF GEOSCIENCES	6	2,062
FUEL	6	2,062
JOURNAL OF AFRICAN EARTH SCIENCES	6	2,062
JOURNAL OF ASIAN EARTH SCIENCES	6	2,062
PETROLEUM SCIENCE	6	2,062

More in file: analyze-**Web of Science Categories**-Web of Science-Results 291.tsv

Web of Science Categories	records	% of 291
GEOSCIENCES MULTIDISCIPLINARY	159	54,639
ENERGY FUELS	83	28,522
GEOCHEMISTRY GEOPHYSICS	52	17,869
ENGINEERING PETROLEUM	36	12,371
ENGINEERING CHEMICAL	31	10,653
GEOLOGY	9	3,093
PALEONTOLOGY	4	1,375
CHEMISTRY ANALYTICAL	3	1,031
GEOGRAPHY PHYSICAL	2	0,687

Number of publications by Geologic Time (SPE)

Any in Geologic Time	473
<i>Phanerozoic</i>	471
Cenozoic	157
Quaternary	7
Neogene	66
Paleogene	55
Mesozoic	221
Cretaceous	132
Jurassic	45
Triassic	22
Paleozoic	83
Permian	34
Carboniferous	14
Devonian	6
Silurian	4
Ordovician	5
Cambrian	2
Proterozoic	3

Scopus

TITLE-ABS-KEY (lacustrine AND petroleum) AND PUBYEAR > 2013 AND (LIMIT-TO (SRCTYPE , "j") OR LIMIT-TO (SRCTYPE , "p")) 691 document results

Then: TITLE-ABS-KEY (lacustrine AND petroleum AND "some Geologic Time") AND PUBYEAR > 2013 AND (LIMIT-TO (SRCTYPE , "j") OR LIMIT-TO (SRCTYPE , "p"))

Number of publications by Geologic Time

most cited publications from scopus-**Cenozoic.csv**

Authors	Title	Cited by	DOI
Zhang G., Yang H., Chen Y., Ji M., Wang K., Yang D., Han Y., Sun Y.	The Baiyun Sag: A giant rich gas-generation sag in the deepwater area of the Pearl River Mouth Basin	21	10.3787/j.issn.1000-0976.2014.11.002
Dolson J., Burley S.D., Sunder V.R., Kothari V., Naidu B., Whiteley N.P., Farrimond P., Taylor A., Direen N., Ananthakrishnan B.	The discovery of the Barmer Basin, Rajasthan, India, and its petroleum geology	19	10.1306/10021414045
Dong Y., Zhu X., Xian B., Hu T., Geng X., Liao J., Luo Q.	Seismic geomorphology study of the Paleogene Hetaoyuan Formation, central-south Biyang Sag, Nanxiang Basin, China	15	10.1016/j.marpetgeo.2015.02.042
Jiang S., Zhang J., Jiang Z., Xu Z., Cai D., Chen L., Wu Y., Zhou D., Jiang Z., Zhao X., Bao S.	Geology, resource potentials, and properties of emerging and potential China shale gas and shale oil plays	14	10.1190/INT-2014-0142.1
Zheng L., Jiang Z., Liu H., Kong X., Li H., Jiang X.	Core evidence of paleoseismic events in Paleogene deposits of the Shulu Sag in the Bohai Bay Basin, east China, and their petroleum geologic significance	12	10.1016/j.sedgeo.2015.07.013
Fang R., Li M., Wang T.-G., Zhang L., Shi S.	Identification and distribution of pyrene, methylpyrenes and their isomers in rock extracts and crude oils	11	10.1016/j.orggeochem.2015.03.003
Liu Z., Zhu C., Li S., Xue J., Gong Q., Wang Y., Wang P., Xia Z., Song G.	Geological features and exploration fields of tight oil in the Cenozoic of western Qaidam Basin, NW China	8	10.11698/PED.2017.02.03
Hu B., Wang Y.-Y., Song H.-B., Wang Y., Liu M.	The ichnofacies and ichnoassemblages in terrestrial deposits of China	7	10.3724/SPJ.1261.2014.00003

Authors	Title	Cited by	DOI
Deng Y., Xue Y., Yu S., Liu C.	Shallow hydrocarbon migration and accumulation theory and discovery of giant oilfield group in Bohai Sea	6	10.7623/syxb201701001
Wen Z., Xu H., Wang Z., He Z., Song C., Chen X., Wang Y.	Classification and hydrocarbon distribution of passive continental margin basins	5	10.11698/PED.2016.05.02
Yang M., Zhang H., Liao Z., Luo X., Yang G., Gong T.	Petroleum systems of the major sedimentary basins in Nansha sea waters (South China Sea)	5	10.13745/j.esf.2015.03.004

publications from scopus-**Quaternary.csv**

Authors	Title	Cited by	DOI
Zhang G., Yang H., Chen Y., Ji M., Wang K., Yang D., Han Y., Sun Y.	The Baiyun Sag: A giant rich gas-generation sag in the deepwater area of the Pearl River Mouth Basin	21	10.3787/j.issn.1000-0976.2014.11.002
Baudin F., Disnar J.-R., Aboussou A., Savignac F.	Guidelines for Rock-Eval analysis of recent marine sediments	15	10.1016/j.orggeochem.2015.06.009
Faulds J.E., Blankenship D., Hinz N.H., Sabin A., Nordquist J., Hickman S., Glen J., Kennedy M., Siler D.L., Robertson-Tait A., Williams C., Drakos P., Calvin W.	Geologic setting of the proposed Fallon FORGE site, Nevada: Suitability for EGS research and development	1	
ZHANG J., GAO Y., YANG Y., ZHOU X., ZHANG J., ZHANG Y.	Oil exploration breakthrough in the Wensu salient, northwest Tarim Basin and its implications		10.1016/S1876-3804(19)30002-3
Scholz C.A.	Advancing models of facies variability and lacustrine source rock accumulation in rifts: Implications for exploration		
Mutlutürk M., Balcioğlu E.	Geo-Engineering Properties and Swelling Potential of Quaternary Lacustrine Clays in North of Burdur, Turkey		10.1007/s13369-014-1505-9

most cited publications from scopus-**Neogene.csv**

Authors	Title	Cited by	DOI
Zhang G., Yang H., Chen Y., Ji M., Wang K., Yang D., Han Y., Sun Y.	The Baiyun Sag: A giant rich gas-generation sag in the deepwater area of the Pearl River Mouth Basin	21	10.3787/j.issn.1000-0976.2014.11.002
Johnson C.L., Constenius K.C., Graham S.A., Mackey G., Menotti T., Payton A., Tully J.	Subsurface evidence for late Mesozoic extension in western Mongolia: Tectonic and petroleum systems implications	14	10.1111/bre.12073
Wang T., Yang S., Duan S., Chen H., Liu H., Cao J.	Multi-stage primary and secondary hydrocarbon migration and accumulation in lacustrine Jurassic petroleum systems in the northern Qaidam Basin, NW China	13	10.1016/j.marpetgeo.2015.01.015
Xu W., Chen K.Y., Cao Z.L., Xue J.Q., Xiao P., Wang W.T.	Original mechanism of mixed sediments in the saline lacustrine basin	11	
Liu Z., Zhu C., Li S., Xue J., Gong Q., Wang Y., Wang P., Xia Z., Song G.	Geological features and exploration fields of tight oil in the Cenozoic of western Qaidam Basin, NW China	8	10.11698/PED.2017.02.03
Qiang J., Xianzheng Z., Fengming J., Peng M., Quan W., Jing W.	Generation and accumulation of hydrocarbons in a deep "buried hill" structure in the baxian depression, bohai bay basin, eastern China	8	10.1111/jpg.12592
Xiao F., Liu L., Zeng L., Wu K., Xu Z., Zhou C.	Geochemical characteristics and oil source of crude oils in the east edge of Chepaizi high, Junggar basin	8	
Wang Z., Sun Z., Zhang D., Zhu J., Li X., Huang B., Guo M., Jiang R.	Geology and hydrocarbon accumulations in the deepwater of the northwestern South China Sea—with focus on natural gas	7	10.1007/s13131-015-0715-7
Deng Y., Xue Y., Yu S., Liu C.	Shallow hydrocarbon migration and accumulation theory and discovery of giant oilfield group in Bohai Sea	6	10.7623/syxb201701001

Authors	Title	Cited by	DOI
Wu K., Liu L., Xiao F., Zhou C., Xu Z.	Characteristics of the hydrocarbon pathway system and transport model of the Chepaizi and its surrounding areas in the Junggar basin of China	6	
Liu Z., Huang C., Algeo T.J., Liu H., Hao Y., Du X., Lu Y., Chen P., Guo L., Peng L.	High-resolution astrochronological record for the Paleocene-Oligocene (66–23 Ma) from the rapidly subsiding Bohai Bay Basin, northeastern China	5	10.1016/j.palaeo.2017.10.030

most cited publications from scopus-**Paleogene.csv**

Authors	Title	Cited by	DOI
Zhang L., Bao Y., Li J., Li Z., Zhu R., Zhang J.	Movability of lacustrine shale oil: A case study of Dongying Sag, Jiyang Depression, Bohai Bay Basin	27	10.1016/S1876-3804(14)60084-7
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Russikh I.V., Strelnikova E.B., Serebrennikova O.V., Elchaninova E.A.	Bioorganic components and compounds of petroleum series in bottom sediments in Lake Tus and Lake Chyornoje (Khakassia)	1	10.1134/S1995425517020093
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Borisova L.S., Borisova L.S.	Geochemistry, composition, and structure of protoasphaltenes in organic matter of recent lacustrine sediments		10.1016/j.rgg.2016.09.005
Kurasov I.A., Stupakova A.V., Korobova N.I.	Formation conditions of the Middle Jurassic sandy reservoirs of the Tazovskii deposit, West Siberian petroleum basin		10.3103/S0145875214020069

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AFFILIATION	
Russian Academy of Sciences	4
Siberian Branch, Russian Academy of Sciences	3
Trofimuk Institute of Petroleum Geology and Geophysics of Siberian Branch of Russian Academy of Sciences	2
Novosibirsk State University	1
Gottfried Wilhelm Leibniz Universität	1
China University of Geosciences, Wuhan	1
Lomonosov Moscow State University	1
Nanjing Institute of Geology and Palaeontology Chinese Academy of Sciences	1
TOTAL S.A.	1
Bundesanstalt für Geowissenschaften und Rohstoffe	1
Chinese Academy of Sciences	1
Tomskij Politehniceskij Universitet	1
Nikolaev Institute of Inorganic Chemistry, Siberian Branch of Russian Academy of Sciences	1
Far Eastern Branch, Russian Academy of Sciences	1
Institute of Chemical Biology and Fundamental Medicine, SB RAS	1
A.P.Karpinsky Russian Geological Research Institute	1
Institute of Petroleum Chemistry of the Siberian Branch of the RAS	1
Limnological Institute, Siberian Branch of the Russian Academy of Sciences	1
China University of Petroleum East China	1
Institute of Oil and Gas Problems of the Russian Academy of Sciences	1
Institute of Tectonics and Geophysics FEB RAS	1

from Scopus-7-Analyze-FundingSponsor.csv

Funding/Sponsor	Number of results
Center for Outcomes Research and Evaluation, Yale School of Medicine	1
National Basic Research Program of China (973 Program)	1
National Natural Science Foundation of China	1
Natural Science Foundation of Shandong Province	1
Rural Utilities Service	1

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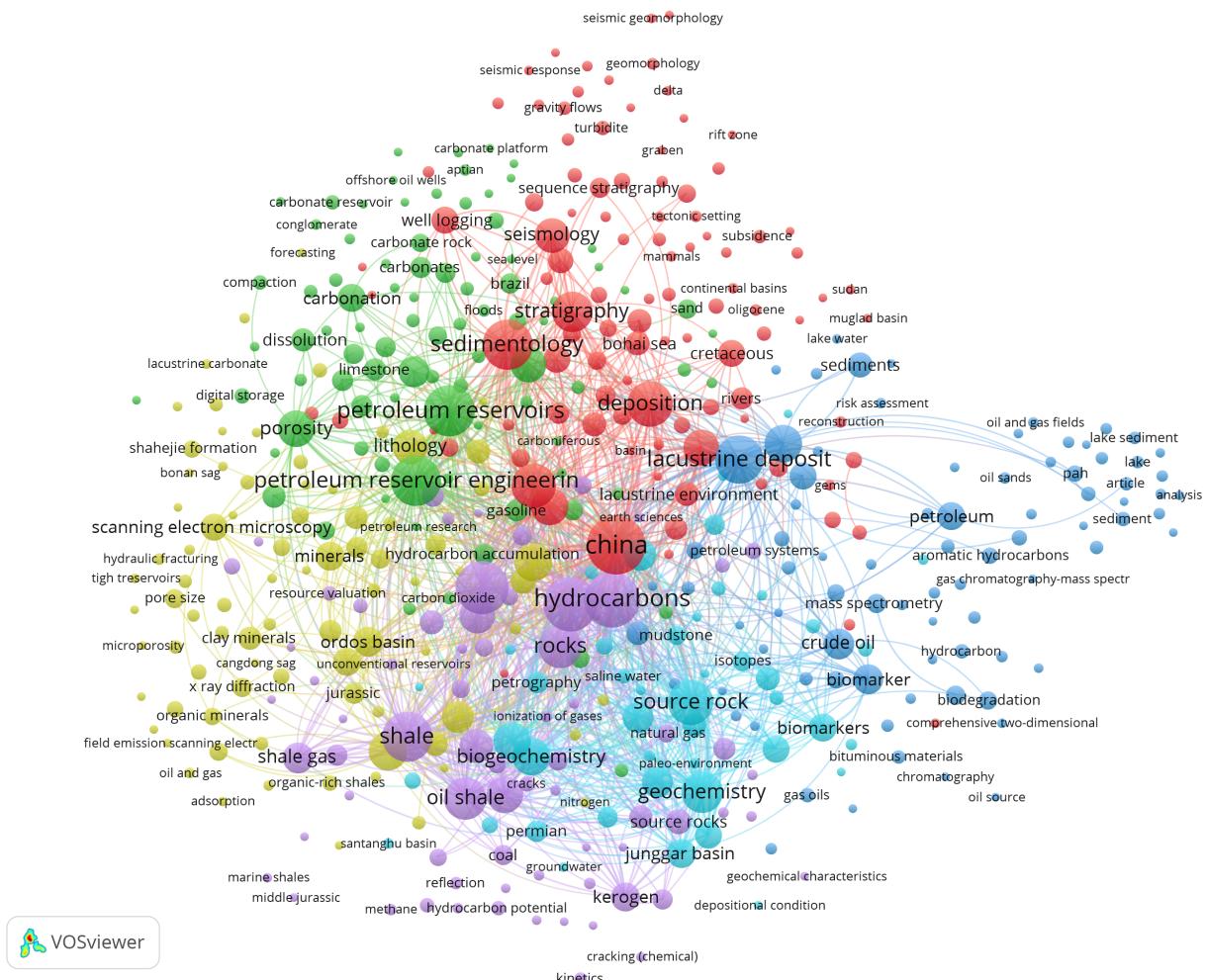
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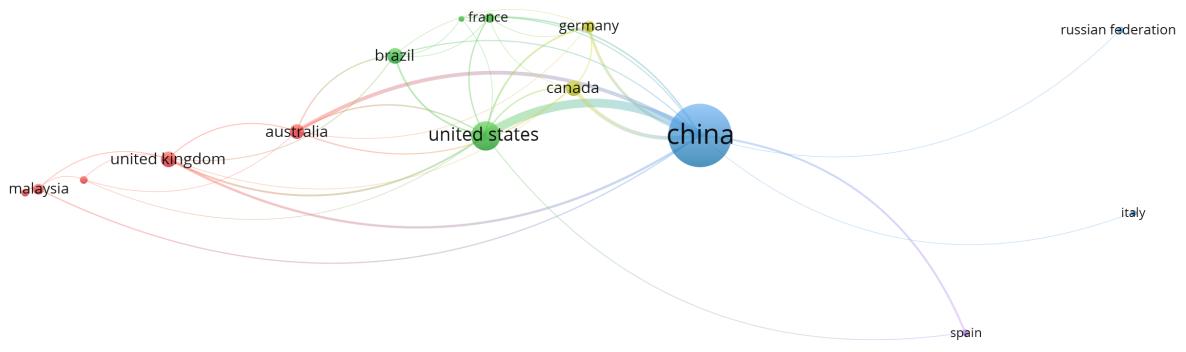
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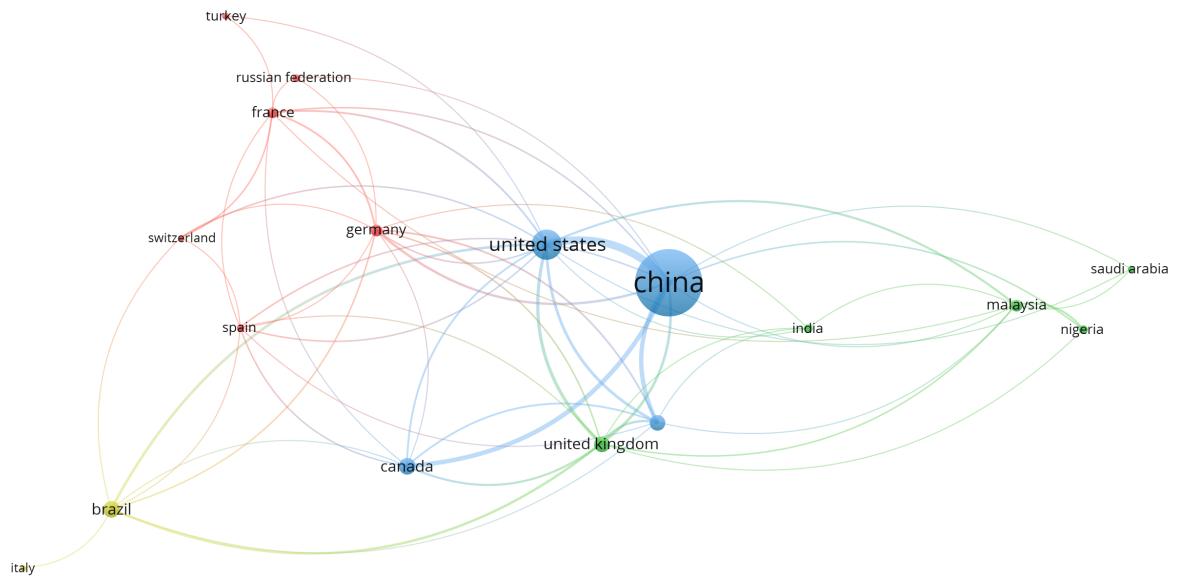
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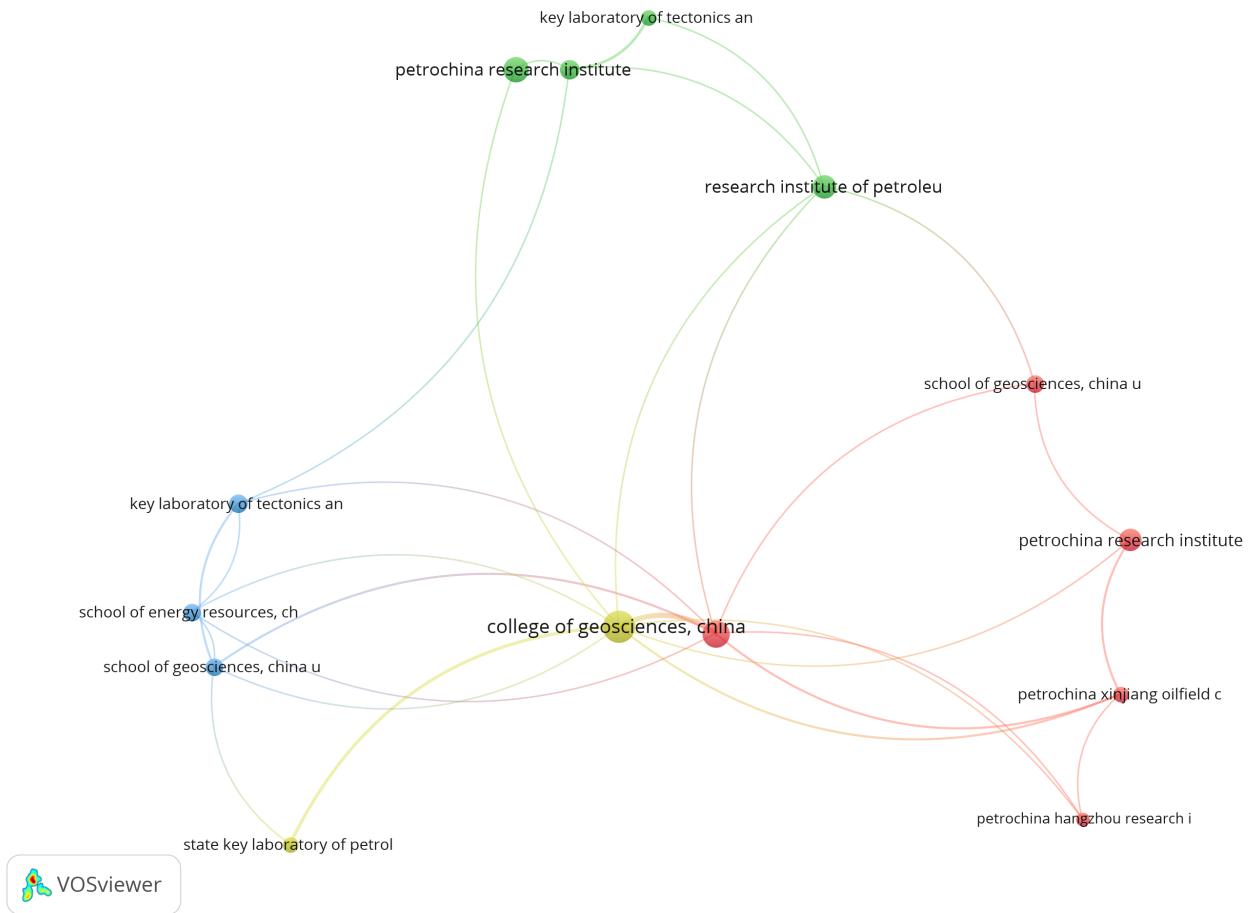
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