carbon isotopes, which is a sign of high-temperature fluid—rock reaction. The carbon and oxygen isotopes of the dolomite inclusions were calculated by the carbon and oxygen isotopes fractionation equation, which were between −1.30‰~1.53‰ and 5.81‰~12.50‰ respectively, potentially results of high salinity brine.

Conclusions: This study integrates comprehensive temperature, salinity and carbon—oxygen isotope analysis of inclusions, reveals that the saccharoidal dolostone of Buqu Formation in Qiangtang Basin is hydrothermal metasomatic origin.

Keywords: inclusions; carbon and oxygen isotopes; dolostone genesis; ancient oil reservoirs; hydrothermal metasomatism origin; Qiangtang Basin; Tibet

Acknowledgements: This research was supported by the China Geological Survey (No. DD20160161)

First author: JI Changjun, male, research assistant, mainly woking on Sedimentary Geology and Petroleum Geology; Email: jichangjun2007@ sina.com

Manuscript received on: 2020-07-08; Accepted on: 2020-08-11; Edited by: LIU Zhiqiang

Doi: 10.16509/j.georeview.2020.05.008

《地质学报》(英文版)评选出 2019 年度优秀论文

《地质学报》(英文版)是中国最早的一本地学期刊,随着中国地质学会的成立而诞生,至今已走过 99 个年头,是我国最著名的地学刊物之一,在国际上亦有很高声誉,多年来一直被“SCI”收录,连续 8 年获得中国知网等评出的“中国最具国际影响力科技期刊”称号(即依据被“SCI”统计源期刊引用数据,按一定公式计算,位居中国科技期刊的前 5%)。

在中国科协等“登峰计划”项目和“卓越计划”项目的支持下,中国地质学会评选了《地质学报》(英文版)2019 年度优秀论文。

本次评选,主要由《地质学报》(英文版)编辑部负责探索试行。为了得到文章发表后的准确的学术影响情况,本次评选的论文限于 2016 年第 1 期至 2018 年第 6 期刊出的文章。文章形式以 Article 为主,兼顾少量 Review;消息报道等短文不在评选范围,所有增刊也不参与评选。

编辑部查阅了上述评选范围内各篇文稿第一作者和通讯作者的学术背景、学术能力及学术道德,文章在 SCI 和 CNKI 系统中的被引用情况,文稿投稿时的专家评审意见等内容,经综合评判,并注意兼顾不同单位和不同专业,得出初步候选文章,经主编、副主编和学会秘书长审定,最终评选出 15 篇文章为优秀论文。

附:《地质学报》英文版 2019 年度获奖优秀论文名单

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