

List of the Most Outstanding Papers Published by CJOL in 2015–2016

Based on the 2017 Journal Citation Report on the Web of Science, we selected 41 top-cited papers published by CJOL in 2015–2016 in six fields: aquaculture, biology, chemistry, ecology, geology, and physics, and we further invited 7 scientists to rank them in scientific merit. These experts chose 21 outstanding papers that we now honor as the Most Outstanding Papers, as shown in the list below.

The first / corresponding author will be awarded a certificate, a copy of the issue containing their paper, as well as a souvenir.

We warmly congratulate the awardees for their success and sincerely thank all the authors and reviewers for contributing to and supporting our journal. We will do our best to provide good service in the future.

For more information, please contact the editorial office by email: jol@qdio.ac.cn.

The Editorial Office for *Chinese Journal of Oceanology and Limnology*

Title	Authors	Year	Volume	Issue	Page
Systematic status of the caridean families Gnathophyllidae Dana and Hymenoceridae Ortmann (Crustacea: Decapoda): a further examination based on molecular and morphological data	Gan Zhibin; Li Xinzhen; Kou Qi; Chan Tinyam; Chu Kahou; Huang Hui	2015	33	1	149-158
The application of stereo-video technology for the assessment on population change of black rockfish <i>Sebastes schlegelii</i> in a vessel reef area in Haizhou Bay, China	Liu Hui; Xu Qiang; Xu Qinzeng; Zhang Yingqiu; Yang Hongsheng	2015	33	1	107-113
The effects of season on fatty acid composition and omega 3/omega 6 ratios of northern pike (<i>Esox lucius</i> L., 1758) muscle lipids	Mert, Ramazan; Bulut, Sait; Konuk, Muhsin	2015	33	1	70-76
Temperature effects on lipid properties of microalgae <i>Tetraselmis subcordiformis</i> and <i>Nannochloropsis oculata</i> as biofuel resources	Wei Likun; Huang Xuxiong; Huang Zhengzheng	2015	33	1	99-106
Effects of salinity and nutrients on the growth and chlorophyll fluorescence of <i>Caulerpa lentillifera</i>	Guo Hui; Yao Jianting; Sun Zhongmin; Duan Delin	2015	33	2	410-418
Monophyly or polyphyly? Possible conflict between morphological and molecular interpretations of the well-known genus <i>Zoothamnium</i> (Ciliophora, Peritrichia)	Li Lifang; Ma Honggang; Al-Rasheid, Khaled A. S.	2015	33	2	490-499
Extensive genetic divergence among <i>Diptychus maculatus</i> populations in northwest China	Meng Wei; Yang Tianyan; Hai Sa; Ma Yanwu; Cai Lingang; Ma Xufa; Gao Tianxiang; Guo Yan	2015	33	3	577-584
Late Quaternary sedimentary environmental evolution offshore of the Hangzhou Bay, East China-implications for sea level change and formation of Changjiang alongshore current	Wang Xin; Shi Xuefa; Wang Guoqing; Qiao Shuqing; Wang Kunshan; Yao Zhengquan; Wang Xuchen	2015	33	3	748-763
Na ⁺ /K ⁺ -ATPase alpha-subunit in swimming crab <i>Portunus trituberculatus</i> : molecular cloning, characterization, and expression under low salinity stress	Han, Xiaolin; Liu, Ping; Gao, Baoquan; Wang, Haofeng; Duan, Yafei; Xu, Wenfei; Chen, Ping	2015	33	4	828-837
Iodothyronine deiodinase gene analysis of the Pacific oyster <i>Crassostrea gigas</i> reveals possible conservation of thyroid hormone feedback regulation mechanism in mollusks	Huang Wen; Xu Fei; Qu Tao; Li Li; Que Huayong; Zhang Guofan	2015	33	4	997-1006

To be continued

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Title	Authors	Year	Volume	Issue	Page
An improved wind retrieval algorithm for the HY-2A scatterometer	Wang Zhixiong; Zhao Chaofang; Zou Juhong; Xie Xuotong; Zhang Yi; Lin Mingsen	2015	33	5	1201-1209
Does salinity change determine zooplankton variability in the saline Qarun Lake (Egypt)?	El-Shabrawy, Gamal M; Anufriieva, Elena V; Germoush, Mousa O; Goher, Mohamed E; Shadrin, Nickolai V	2015	33	6	1368-1377
Distribution and diversity of microbial communities in meromictic soda Lake Doroninskoe (Transbaikalia, Russia) during winter	Matyugina, Evgeniya; Belkova, Natalia	2015	33	6	1378-1390
Dormant stages of crustaceans as a mechanism of propagation in the extreme and unpredictable environment in the Crimean hypersaline lakes	Shadrin, Nickolai V; Anufriieva, Elena V; Amat, Francisco; Eremin, Oleg Yu	2015	33	6	1362-1367
Wave-induced seepage and its possible contribution to the formation of pockmarks in the Huanghe (Yellow) River delta	Wang Hu; Liu Hongjun; Zhang Minsheng; Wang Xiuhai	2016	34	1	200-211
Antioxidant system responses in two co-occurring green-tide algae under stress conditions	Wang Ying; Zhao Xinyu; Tang Xuexi	2016	34	1	102-108
Interspecific competition and allelopathic interaction between <i>Karenia mikimotoi</i> and <i>Dunaliella salina</i> in laboratory culture	He Dong; Liu Jiao; Hao Qiang; Ran Lihua; Zhou Bin; Tang Xuexi	2016	34	2	301-313
Protective effects of C-phyococyanin on alcohol-induced acute liver injury in mice	Xia Dong; Liu Bing; Luan Xiying; Sun Junyan; Liu Nana; Qin Song; Du Zhenning	2016	34	2	399-404
Alkaloids from an algicolous strain of <i>Talaromyces</i> sp.	Yang Haibin; Li Fang; Ji Naiyun	2016	34	2	367-371
Heavy metals in sediments and their bioaccumulation in <i>Phragmites australis</i> in the Anzali wetland of Iran	Esmailzadeh, Marjan; Karbassi, Abdolreza; Moattar, Faramarz	2016	34	4	810-820
Impact of several harmful algal bloom (HAB) causing species on life history characteristics of rotifer <i>Brachionus plicatilis</i> Muller	Lin Jianing; Yan Tian; Zhang Qingchun; Zhou Mingjiang	2016	34	4	642-653