

# International Journal of Celiac Disease: Four Year Interval Summary

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**Abstract** International Journal of Celiac Disease (IJCD) is an international clinical and scientific journal that aims to cover the multiple aspects of celiac disease (CD). With the renewal of the new year of 2018, the IJCD is celebrating four years of academical publications of 170 articles. The objective recognition by the medical, paramedical and the scientific community, represented by the substantial number of articles' views, downloads, likes and citations, is indicative of a proliferative and successful journal, at least for its first four years.

**Keywords:** *international journal of celiac disease, overview, view, download, like, citation*

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## 1. Introduction

International Journal of Celiac Disease (IJCD) is an international clinical and scientific journal that aims to cover the multiple aspects of celiac disease (CD). Being the most prevalent nutrient dependent autoimmune disease, being a "1000 faces" disease, sharing numerous genetic and environmental factors with other autoimmune diseases, continuously changing epidemiological presentations and affecting multi extra-intestinal organs, CD becomes one of the most explored autoimmune conditions [1-9]. The journal is aimed to stimulate and spread CD knowledge to undergraduate, postgraduate, clinicians, dieticians and all professionals sharing interest in CD. At the special occasion of the entrance of the new year of 2018, it is my pleasure to summarize the four years of the Journal appearance, starting at the end of 2013.

The present editorial will focus on some statistical aspects of the journal content and will highlight the most successful manuscripts, in terms of viewed, downloaded, liked and cited.

## 2. The Journal in Brief

During the last four years the journal published 170 articles, there were 1,102,425 manuscripts viewed, 412,160 downloaded, 358 cited and 2,503 likes were received. The Google Academic h-index is 8 and the i10-index is 7. It is indexed and cataloged in SCImago Journal Rank (SJR): 0.171, National Library of Medicine (NLM) Catalog, Food and Agriculture Organization of the United Nations (AGRIS), JournalTOCs, EZB, OCLC WorldCat, CrossRef - the DOI search tool, Google Scholar and other multiple international catalogs. In November 2014, IJCD was submitted to ISI Thomson Reuters and most recently, an application was forwarded for indexing

## 3. The Most Viewed, Downloaded and Cited Manuscripts

Summarizing the most viewed, downloaded, liked and cited manuscripts in the last 4 years of the IJCD, in a decreasing success (Table 1), one can appreciate the most interesting/attractive subjects of the papers. Interestingly, the first one (1) is not concentrated on CD, but in the recent surge in prevalence/incidence of various autoimmune diseases, CD being one of them.

It should be emphasized that the summing of the viewed, downloaded, likes and cited numbers together (total score, Table 1) is biased, since it will be difficult to allocate the value or differential importance for each one of them. I personally think that viewed, downloaded and cited outperform the number of likes. An additional bias is the chronological time effect. Logically, older publications have more time and chances to be viewed and downloaded, as shown in Figure 1. A negative, decreasing, direct correlation can be seen between more recent publication and lower total score. An exception to the rule is reference [1], published on November, 2015 that stands high up, not following the general trend.

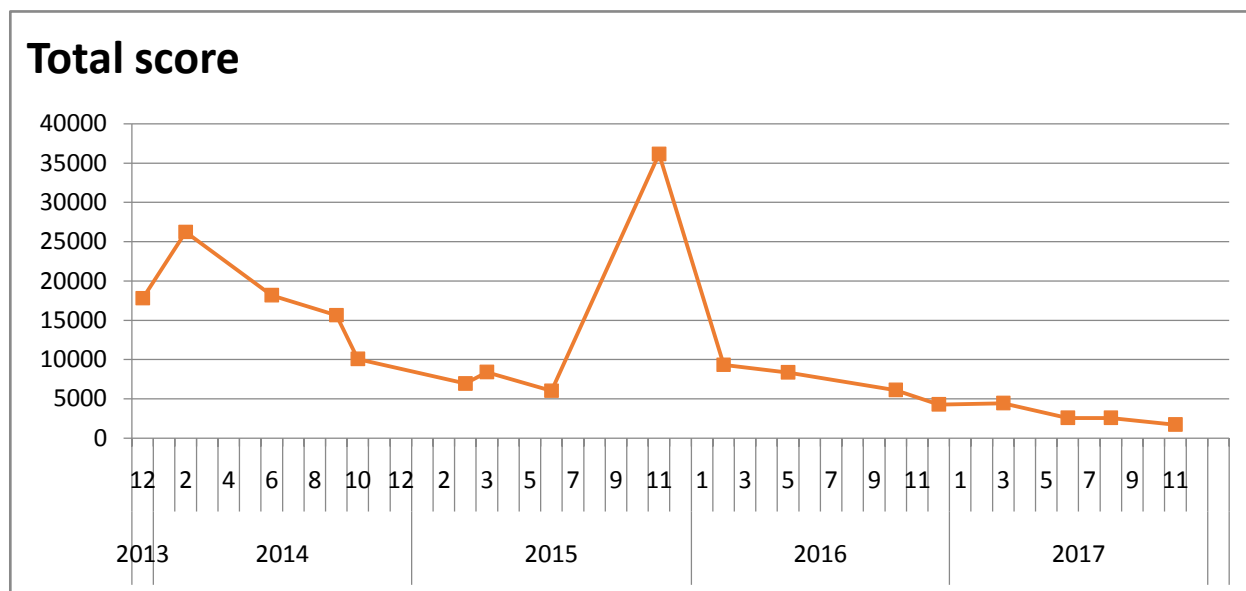
## 4. Topic Characteristics

Analyzing Table 1, it appears that 6 out of 17 publications concentrated on pathophysiological pathways, five on therapies, included GFD, three on diagnostic modalities, only 1 on clinical presentation and one on hospital cost, in CD. Of note is the high article number dealing with pathophysiology or therapeutic modalities, contrasting the paucity of publications on clinical aspects of CD.

**Table 1. List of the most viewed, downloaded, liked and cited articles in IJCD during the last 4 years**

Short titles for celiac disease	views	downloads	likes	citation	Total score	reference
Autoimmune diseases surge	26112	10002	13	44	36171	[1]
Spiral endoscopy for diagnosis	15141	11068	37	1	26247	[10]
Pathologist role in diagnosis	12351	5793	42	7	18193	[11]
IgA/IgG DGP/tTG screening	11706	6068	35	5	17814	[12]
Cereals and legumes in nutrition	10584	5025	37	5	15651	[13]
Role of microbiome	6810	3252	37	3	10102	[14]
Iron-deficiency anemia	5220	4127	0	0	9347	[15]
Bordetella pertussis role	4987	3419	9	0	8415	[16]
Enzyme supplementation effects	4769	3606	2	3	8380	[17]
Microbial TG in CD therapy	4526	2406	24	14	6970	[18]
Faecal SCFA and bacteria	3452	2698	0	1	6151	[19]
GFD school snacks	3385	2647	5	2	6039	[20]
Ileal intra-epithelial lymphocytosis	2473	2008	4	0	4485	[21]
Amino acid sequences of gliadin peptides	2493	1823	0	1	4307	[22]
Reproductive disorders on GFD	1562	1044	0	0	2606	[23]
Inpatient hospital cost in USA	1678	907	12	0	2597	[24]
GFD responsiveness in non CD ADs	1576	161	1	0	1738	[25]

DGP=deamidated gliadin peptide, TG=transglutaminase, GFD=gluten free diet, SCFA=short-chain fatty acids, ADs=autoimmune diseases.



**Figure 1.** The behavior of the total score of the elected manuscripts during the last four years of the IJCD appearance

## 5. Scientific Groups Excellency

Three centers and scientific groups, found a place of honor, due to multiple article. Three out of the 17 came from the same center [1,18,25], followed by a group that entered the list by publishing two manuscripts [17,22]. All the five paper follow the above mentioned subject “trends of pathophysiological and therapeutic aspects”.

## 6. Conclusions

With the renewal of the new year of 2018, the IJCD is celebrating four years of academical publications of 170 articles. The editor and the editorial board and office should be congratulated for the last four years production and achievements. The objective recognition by the medical, paramedical and the scientific community, represented by the honorable number of views, downloads,

likes and citations, speaks for itself. We extend our wishes for extended quality work and success, for the benefit of CD patients and their care teams and the scientific community interested in this never ending challenging disease.

## Statement of Competing Interests

The manuscript was not granted nor supported and the authors do not have conflict of interest.

## References

- [1] Lerner A, Jeremias P, Matthias T. The world incidence and prevalence of autoimmune diseases is increasing. *Internat J Celiac Dis.* 2015; 3: 151-155.
- [2] Lerner A, Jeremias P, Matthias T. The world incidence of celiac disease is increasing: a review. *Internat. J. Of Recent Scient. Res.* 2015; 7: 5491-5496.

- [3] Lerner A, Matthias T. Rheumatoid arthritis-celiac disease relationship: joints get that gut feeling. *Autoimm Rev.* 2015; 14: 1038-47.
- [4] Lerner A, Matthias T. GUT-the Trojan horse in remote organs' autoimmunity. *Journal of Clinical & Cellular Immunology*, 2016; 7: 401.
- [5] Lerner A, Matthias T. The jigsaw of breast feeding and celiac disease. *Internat J Celiac Dis.* 2016; 4: 87-89.
- [6] Lerner A, Matthias T. Extraintestinal manifestations of CD: Common pathways in the gut-remote organs' axes. *Internat J Celiac Dis.* 2017; 5: 24-27.
- [7] Lerner A, Arleevskaya M, Schmiedl A, Matthias T. Microbes and viruses are bugging the gut in celiac disease. Are they friends or foes? *Frontiers in Microbiol.* 2017; 8: 1392.
- [8] Lerner A, Neidhöfer S, Matthias T. The gut microbiome feelings of the brain: perspective for Non-Microbiologists. *Microorganisms*, 2017; 5(4), 66.
- [9] Lerner A. New Therapeutic Strategies for Celiac Disease. *Autoimmun. Rev.* 2010; 9: 144-147.
- [10] Mosteanu O, Pop TA, Hadade A, Tantau M. Spiral Enteroscopy Value for the Celiac Disease Diagnosis and Management. *Internat J of Celiac Dis.* 2014, 2, 27-30.
- [11] Švajdler M, Daum O, Rychlý B. Diagnosing Celiac Disease: Role of the Pathologists. *Internat J Celiac Dis.* 2014, 2, 70-75.
- [12] Oana B, Otilia M. The Usefulness of IgA/IgG DGP/TG Screen Assay for Celiac Disease Detection among Symptomatic and at Risk Young Children. *Internat J Celiac Dis.* 2013, 1, 23-26.
- [13] Mlyneková Z, Chrenková M, Formelová Z. Cereals and Legumes in Nutrition of People with Celiac Disease. *Internat J Celiac Dis.* 2014, 2, 105-109.
- [14] Béres NJ, Sziksz E, Vannay A, Szabó D, Pap D, Veres-Székely A, Arató A, Szabó AJ, Veres G. Role of the Microbiome in Celiac Disease. *Internat J Celiac Dis.* 2014, 2, 150-153.
- [15] Claudia B, Buiga R, Vlad P, Urian L. Severe Iron-deficiency Anemia and Celiac Disease. *Internat J of Celiac Dis.* 2016, 4, 27-29.
- [16] Rubin K, Glazer S. Potential Role of Bordetella Pertussis in Celiac Disease. *Internat J of Celiac Dis.* 2015, 3, 75-76.
- [17] Cornell HJ, Czyzewska A, Macrae FA, Rydzewska G, Nasierowska-Gutmejer A, Bednarczuk A, Stelmasiak T. The Effect of Enzyme Supplementation on Symptoms and Duodenal Histology in Celiac Patients. *Internat J of Celiac Dis.* 2016, 4, 40-47.
- [18] Lerner A, Matthias T. Food Industrial Microbial Transglutaminase in Celiac Disease: Treat or Trick. *Internat J Celiac Dis.* 2015, 3, 1-6.
- [19] Primec M, Klemenak M, Aloisio I, Gorenjak M, Di Gioia D, Mičetić-Turk D, Langerholc T. Faecal Concentrations of Short-chain Fatty Acids and Selected Bacteria in Healthy and Celiac Children. *Internat J Celiac Dis.* 2016, 4, 95-101.
- [20] Oyarzún A, Nakash T, Ayala J, Lucero Y, Araya M. Following Gluten Free Diet: Less Available, Higher Cost and Poor Nutritional Profile of Gluten-Free School Snacks. *Internat J Celiac Dis.* 2015, 3, 102-107.
- [21] Freeman HF, Webber D. Intra-epithelial Lymphocytosis of the Ileum: A Pathological Clue to Clinically Occult Adult Celiac Disease. *Internat J Celiac Dis.* 2017, 5, 40-42.
- [22] Cornell HJ, Stelmasiak T. The Significance of Key Amino Acid Sequences in the Digestibility and Toxicity of Gliadin Peptides in Celiac Disease. *Internat J Celiac Dis.* 2016, 4, 113-120.
- [23] Ayoub A, Firwana M, Amjahdi A, Rahaoui A, Benelbarhdadi I, Zahra AF. Evolution of Reproductive Disorders Related to Celiac Disease under Gluten-free Diet. *Internat J Celiac Dis.* 2017, 5, 69-71.
- [24] Borrelli EP. Inpatient Hospital Costs for Celiac Disease in the United States in 2014. *Internat J Celiac Disease.* 2017, 5, 111-114.
- [25] Lerner A, Ramesh A, Matthias T. Are Non-Celiac Autoimmune Diseases Responsive to Gluten-Free Diet? *Internat J Celiac Dis.* 2017, 5, 164-167.