

Appendix 1.

Top-cited articles on inflammatory bowel disease identified by searching the Web of Science database<sup>a</sup>

Rank	Authors, Year [Reference]	Article ( <i>Journal</i> )	2016-JIF	Category	Number of citations, Web of Knowledge	Average citation per year <sup>b</sup>	Rank of the article in the journal publishing it <sup>c</sup>	Origin: First author's organization, location (country)
1	Hugot et al, 2001 <sup>20</sup>	Association of NOD2 leucine-rich repeat variants with susceptibility to Crohn's disease. ( <i>NATURE</i> ).	40.137	Basic research	3,555	209.1	134	Fondation Jean Dausset CEPH (France)
2	Ogura et al, 2001 <sup>21</sup>	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. ( <i>NATURE</i> ).	40.137	Basic research	3,285	193.2	159	The University of Michigan Medical School, Michigan (United States).
3	Kuhn et al, 1993 <sup>22</sup>	Interleukin-10-deficient mice develop chronic enterocolitis. ( <i>CELL</i> )	30.410	Basic research	2,982	119.3	67	Institute for Genetics, University of Cologne, (Germany)
4	Best et al, 1976 <sup>23</sup>	Development of a Crohns-disease activity index-National cooperative Chrons-disease study ( <i>Gastroenterology</i> ).	18.392	Clinical research	2,533	60.3	2	Hines Veterans Administration Cooperative Studies Support Center, University of Colorado Medical Center, Denver, Colorado, (United States).
5	Hanauer et al, 2002 <sup>24</sup>	Maintenance infliximab for Crohn's disease: the ACCENT I randomized trial ( <i>Lancet</i> )	47.831	Clinical research	2,442	152.6	46	University of Chicago Medical Center, Chicago, IL (United States).
6	Podolsky, 2002 <sup>25</sup>	Inflammatory bowel disease. ( <i>New England Journal of Medicine</i> )	72.406	Review	2,423	151.4	163	Massachusetts General Hospital and Harvard Medical School, Boston,

								Massachusetts (United States).
7	Targan et al, 1997 <sup>26</sup>	A short-term study of chimeric monoclonal antibody cA2 to tumor necrosis factor alpha for Crohn's disease ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	2,364	112.6	169	Cedars-Sinai Medical Center, Los Angeles, California (United States)
8	Xavier and Podolsky, 2007 <sup>27</sup>	Unravelling the pathogenesis of inflammatory bowel disease ( <i>NATURE</i> )	40.137	Review	2,036	185.1	450	Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts (United States).
9	Truelove and Witts, 1955 <sup>28</sup>	Cortisone in ulcerative colitis- Final report on a therapeutic trial ( <i>British Medical Journal</i> ).	20.785	Clinical research	1,871	29.7	20	Nuffield Department of Clinical Medicine, Oxford (United Kingdom)
10	Duerr et al, 2006 <sup>29</sup>	A genome-wide association study identifies IL23R as an inflammatory bowel disease gene. ( <i>SCIENCE</i> ).	37.205	Clinical research	1,862	155.2	530	Department of Medicine, School of Medicine, University of Pittsburgh, Pittsburgh, PA (United States).
12	Rutgeerts et al, 2005 <sup>30</sup>	Infliximab for induction and maintenance therapy for ulcerative colitis ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,834	141.1	290	University Hospital Gasthuisberg, Leuven, (Belgium).
12	Present et al, 1999 <sup>31</sup>	Infliximab for treatment of fistulas in patients with Crohn's disease ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,730	91.0	321	Mount Sinai Medical Center, New York, NY, (United States)

13	Frank et al, 2007 <sup>32</sup>	Molecular-phylogenetic characterization of microbial community imbalances in human inflammatory bowel diseases. ( <i>Proceedings of the National Academy of Sciences of the United States of America</i> )	9.661	Basic research	1,650	150.0	172	University of Colorado, Boulder, CO (United States)
14	Jostins et al, 2012 <sup>33</sup>	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. ( <i>Nature</i> )	40.137	Review Meta-analysis	1,643	273.8	683	Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, (United Kingdom)
15	Barrett et al, 2008 <sup>34</sup>	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. ( <i>Nature Genetics</i> )	27.959	Review Meta-analysis	1,631	163.1	25	Wellcome Trust Centre for Human Genetics, University of Oxford, Roosevelt Drive, Oxford (United Kingdom)
16	Loftus, 2004 <sup>35</sup>	Clinical epidemiology of inflammatory bowel disease: Incidence, prevalence, and environmental influences ( <i>Gastroenterology</i> )	18.392	Review	1,566	111.9	10	Mayo Clinic, Rochester, Minnesota, (United States)
17	Fiocchi, 1998 <sup>36</sup>	Inflammatory bowel disease: Etiology and pathogenesis ( <i>Gastroenterology</i> )	18.392	Review	1,540	77.0	12	University Hospitals of Cleveland Case Western Reserve University School of Medicine, Ohio (United States)
18	Harvey and Bradshaw, 1980 <sup>37</sup>	A simple index of Crohns-disease activity ( <i>Lancet</i> )	47.831	Clinical research	1,466	38.6	166	Bristol Royal Infirmary and Frenchay Hospital, Bristol (United Kingdom)
19	Molodeck	Increasing incidence and prevalence	18.392	Review	1,438	239.7	19	University of Calgary,

	y et al, 2012 <sup>38</sup>	of the inflammatory bowel diseases with time, based on systematic review. ( <i>Gastroenterology</i> ).						Calgary, Alberta, (Canada).
20	Riddell et al, 1983 <sup>39</sup>	Dysplasia in inflammatory bowel disease- Standardized classification with provisional clinical applications ( <i>Human Pathology</i> )	3.014	Article	1,398	39.9	2	National Foundation for Ileitis and Colitis, New York, (United States).
21	Okayasu et al, 1990 <sup>40</sup>	A novel method in the induction of reliable experimental acute and chronic ulcerative-colitis in mice ( <i>Gastroenterology</i> )	18.392	Basic research	1,396	49.9	24	School of Medicine, Tokyo Medical and Dental University, (Japan).
22	Eaden et al, 2001 <sup>41</sup>	The risk of colorectal cancer in ulcerative colitis: a meta-analysis. ( <i>Gut</i> ).	16.658	Review Meta-analysis	1,388	81.6	1	Leicester General Hospital, Gwendolen Road, Leicester (United Kingdom)
23	Sokol et al, 2008 <sup>42</sup>	Faecalibacterium prausnitzii is an anti-inflammatory commensal bacterium identified by gut microbiota analysis of Crohn disease patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> )	9.661	Basic research	1,384	138.4	247	Institut National de la Recherche Agronomique U910, Domaine de Vilvert, Jouy-en-Josas, (France).
24	Silverberg et al, 2005 <sup>43</sup>	Toward an integrated clinical, molecular and serological classification of inflammatory bowel disease: report of a Working Party of the 2005 Montreal World Congress of Gastroenterology. ( <i>Canadian Journal of Gastroenterology and Hepatology</i> )	2.147	Report	1,373	105.6	1	Mount Sinai Hospital IBD Centre, University of Toronto, Toronto, Ontario (Canada)

25	Sadlack et al, 1993 <sup>44</sup>	Ulcerative colitis-like disease in mice with a disrupted interleukin-2 gene ( <i>CELL</i> )	30.410	Basic research	1,358	54.32	387	Institute of Virology and Immunobiology, University of Würzburg, (Germany)
26	Franke et al, 2010 <sup>45</sup>	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. ( <i>Nature Genetics</i> )	27.959	Review Meta-analysis	1,321	165.1	63	Institute of Clinical Molecular Biology, Christian-Albrechts-University Kiel, Kiel, (Germany).
27	Baert et al, 2003 <sup>46</sup>	Influence of immunogenicity on the long-term efficacy of infliximab in Crohn's disease. ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,297	86.5	562	University Hospital Gasthuisberg, Leuven, (Belgium).
28	Colombel et al, 2010 <sup>47</sup>	Infliximab, azathioprine, or combination therapy for Crohn's disease ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,294	161.7	565	Hôpital Claude Huriez and Centre d'Investigation Clinique, Centre Hospitalier Universitaire de Lille, Université Lille Nord de France, Lille, (France).
29	Cooper et al, 1993 <sup>48</sup>	Clinicopathologic study of dextran sulfate sodium experimental murine colitis. ( <i>Laboratory Investigation</i> )	4.857	Basic research	1,219	48.8	4	Hahnemann University, Philadelphia, Pennsylvania. (United States)
30	Ekbom et al, 1990 <sup>49</sup>	Ulcerative colitis and colorectal cancer. A population-based study. ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,168	41.7	684	University Hospital, Uppsala, (Sweden).

31	Schroeder et al, 1987 <sup>50</sup>	Coated oral 5-aminosalicylic acid therapy for mildly to moderately active ulcerative colitis. A randomized study ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,156	37.3	695	Mayo Clinic, Rochester, MN (United States)
32	Rioux et al, 2007 <sup>51</sup>	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. ( <i>Nature Genetics</i> )	27.959	Basic research	1,152	104.7	89	Université de Montréal and the Montreal Heart Institute, Research Center, Montreal, Quebec (Canada).
33	Sands et al, 2004 <sup>52</sup>	Infliximab maintenance therapy for fistulizing Crohn's disease. ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,146	81.8	706	Massachusetts General Hospital, and Harvard Medical School, Boston (United States)
34	Colombel et al, 2007 <sup>53</sup>	Adalimumab for maintenance of clinical response and remission in patients with Crohn's disease: the CHARM trial. ( <i>Gastroenterology</i> ).	18.392	Clinical research	1,124	102.2	32	Hôpital Claude Huriez, Centre Hospitalier Universitaire de Lille, Rue Michel Polonovski, Lille, (France)
35	Hampe et al, 2007 <sup>54</sup>	A genome-wide association scan of nonsynonymous SNPs identifies a susceptibility variant for Crohn disease in ATG16L1. ( <i>Nature Genetics</i> )	27.959	Basic research	1,123	102.1	92	Institute for Clinical Molecular Biology, Christian-Albrechts University Kiel, University Hospital Schleswig-Holstein, (Germany).

36	Bouma and Strober, 2003 <sup>55</sup>	The immunological and genetic basis of inflammatory bowel disease. ( <i>Nature Reviews Immunology</i> )	39.932	Review	1,116	74.4	35	National Institutes of Health, and National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland (United States)
37	Lichtiger et al, 1994 <sup>56</sup>	Cyclosporine in severe ulcerative colitis refractory to steroid therapy. ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	1,104	46.0	755	Mount Sinai School of Medicine, New York (United States).
38	Abraham et al, 2009 <sup>57</sup>	Inflammatory bowel disease. ( <i>New England Journal of Medicine</i> )	72.406	Review	1,091	121.2	772	Yale University School of Medicine, New Haven, CT (United States)
39	Summers et al, 1979 <sup>58</sup>	National Cooperative Crohn's Disease Study: results of drug treatment ( <i>Gastroenterology</i> )	18.392	Clinical research	1,059	27.1	37	Division of gastroenterology, University of Iowa Medical Center, Iowa City, Virginia, (United States).
40	Satsangi, et al 2006 <sup>59</sup>	The Montreal classification of inflammatory bowel disease: controversies, consensus, and implications ( <i>Gut</i> ).	16.658	Report	1,054	87.8	7	Gstrointestinal Unit, Western General Hospital, University of Edinburg, (United Kingdom).
41	Elson, et al, 1995 <sup>60</sup>	Experimental models of inflammatory bowel disease. ( <i>Gastroenterology</i> ).	18.392	Review	957	41.6	40	Department of Medicine, University of Alabama Hospital at Birmingham, AL, (United States).

42	Greenstein et al, 1976 <sup>61</sup>	The extra-intestinal complications of Crohn's disease and ulcerative colitis: a study of 700 patients. <i>Medicine (Baltimore)</i> .	1.804	Review	945	22.5	10	Department of Surgery, Mount Sinai School of Medicine and the City University of New York, New York, (United States.)
43	Fujino et al, 2003 <sup>62</sup>	Increased expression of interleukin 17 in inflammatory bowel disease. ( <i>Gut</i> ).	16.658	Basic research	931	62.1	12	Shiga University of Medical Science, Seta-Tukinowa, Otsu, (Japan).
44	Sartor, 2008 <sup>63</sup>	Microbial influences in inflammatory bowel diseases. ( <i>Gastroenterology</i> ).	18.392	Review	925	92.5	44	Department of Medicine, Center for Gastrointestinal Biology and Disease, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, (United States).
45	Manichanh et al, 2006 <sup>64</sup>	Reduced diversity of faecal microbiota in Crohn's disease revealed by a metagenomic approach. ( <i>Gut</i> ).	16.658	Basic research	913	76.1	13	Unité d'Ecologie et de Physiologie du système Digestif, INRA-UEPSD, 78350 Jouy-en-Josas, (France)
46	Fuss et al, 1996 <sup>65</sup>	Disparate CD4+ lamina propria (LP) lymphokine secretion profiles in inflammatory bowel disease. Crohn's disease LP cells manifest increased secretion of IFN-gamma, whereas ulcerative colitis LP cells manifest increased secretion of IL-5. ( <i>Journal of Immunology</i> )	4.856	Basic research	893	40.6	68	National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, (United States)
47	Rutgeerts	Predictability of the postoperative	18.392	Clinical	884	31.6	50	Department of Medicine,



	et al, 1990 <sup>66</sup>	course of Crohn's disease. ( <i>Gastroenterology</i> ).		research				University Hospital Gasthuisberg, University of Leuven, (Belgium).
48	Present et al, 1980 <sup>67</sup>	Treatment of Crohn's disease with 6-mercaptopurine. A long-term, randomized, double-blind study. ( <i>New England Journal of Medicine</i> )	72.406	Clinical research	874	23.0	1150	Lenox Hill Hospital and the Mount Sinai School of Medicine of City University of New York (United States)
49	Swidsinski et al, 2002 <sup>68</sup>	Mucosal flora in inflammatory bowel disease. ( <i>Gastroenterology</i> ).	18.392	Basic research	873	54.6	52	Charité Humboldt Universität, Berlin, (Germany).
50	Vandullem en et al, 1995 <sup>69</sup>	Treatment of Crohn's disease with anti-tumor necrosis factor chimeric monoclonal antibody (cA2). ( <i>Gastroenterology</i> ).	18.392	Clinical research	871	37.9	53	Academic Medical Center, Amsterdam, (The Netherlands).

<sup>a</sup> The search was conducted in April, 2018 by searching the Web of Knowledge.

<sup>b</sup> The average citation per year = total number of citation / number of years since publication.

<sup>c</sup> This ranking was identified by searching each journal for a top-cited article and identifying its ranking based on the number of citations received in comparison to the number of citations received by other articles published in that journal.

