

World Poultry Science Journal

2008 Impact Factor: 1.398

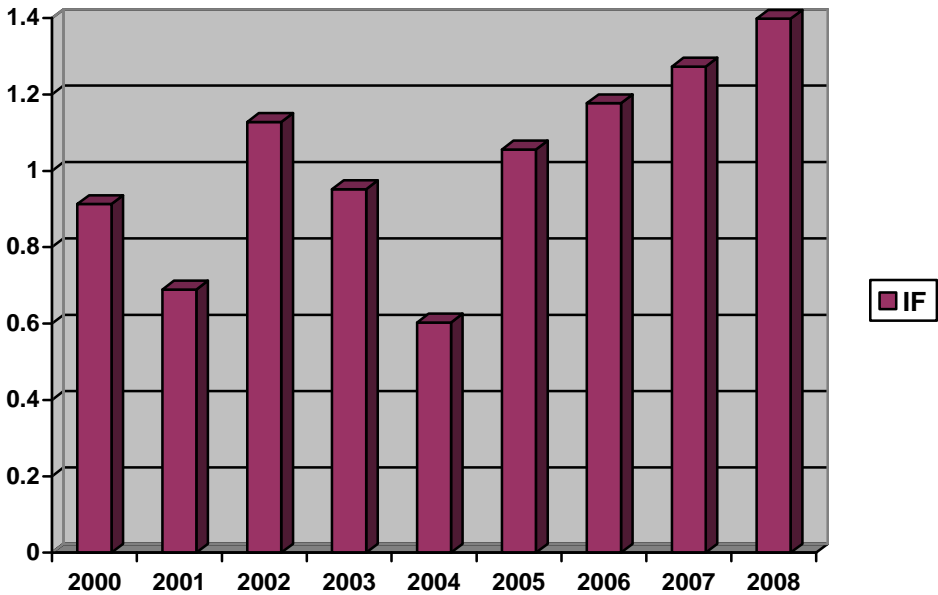
Each impact factor (IF) is calculated upon the number of citations made in any given year to papers published in the Journal within the two consecutive years immediately preceding, divided by the total number of eligible articles published. Therefore, to calculate the 2008 IF:

Cites in 2008 to articles published in: 2007 =41 Number of articles published in: 2007 = 39
 Cites in 2008 to articles published in: 2006 =75 Number of articles published in: 2006 =44
 Sum: 116 Sum: 83

$$\frac{\text{Cites to recent articles } 116}{\text{Number of recent articles } 83} = 1.398$$

IF Trend 2000 - 2008:

A six-year (2002–2007) history of WPS IF is shown below.



5-year Impact Factor Calculation:

The 5 year Impact Factor can give a more accurate look at a journal’s performance over time. It is calculated in a similar way as the normal Impact Factor, but uses 5 years of data compared to 2 years for the regular impact factor.

The 5 year impact factor calculation is outlined below.

Cites in 2007 to items published in	Number of items published in:
2007 = 41	2007 = 39
2006 = 75	2006 = 44
2005 = 64	2005 = 44
2004 = 96	2004 = 35
2003 = 47	2003 = 37
Sum: 323	Sum: 199

Calculation: Cites to recent items
Number of recent items

$$\frac{323}{199} = 1.623$$

Self-citation:

As the name suggests, the self-citation rate is the number of citations from articles within the journal to articles within the same journal.

Total Cites	968	Self Cites	63 (6% of 968)
Cites to Years Used in Impact Factor Calculation	116	Self Cites to Years Used in Impact factor calculation	16 (13% of 116)
Impact Factor	1.398	Impact Factor without Self Cites	1.205

Thomson Reuters indicated to the Cambridge Journals group at a presentation in March 2009 that they considered a normal self-citation rate to be anything up to 20%, but varying depending upon the type of journal and the material published.

Related Journals

Table 1 show the most related Journal on ISI. This is based on the principle that the most related journals by subject will cite other journals with the most related subject matter. This is compiled in two ways the first, show in table 1, show the most related journals ranked by the number of citations made by the journal to World's Poultry Science Journal. Table 2 shows the most related journals ranked by the number of citations that have been made by World's Poultry Science Journal to the journal.

<i>Rmax</i>	Journal	Cites from WPS to j	Cites from j to WPS
971.68	WORLD POULTRY SCI J	971.68	971.68
683.83	BRIT POULTRY SCI	683.83	646.00
636.13	ARCH GEFLUGELKD	271.17	636.13
356.70	J APPL POULTRY RES	88.52	356.70
455.75	POULTRY SCI	455.75	336.60
103.23	APPL ANIM BEHAV SCI	9.83	103.23
85.24	CAN J ANIM SCI	61.69	85.24
129.13	AVIAN PATHOL	129.13	56.69
56.48	J ANIM PHYSIOL AN N	25.53	56.48
56.34	ARCH ANIM NUTR	27.76	56.34
54.88	ANIMAL	7.61	54.88
50.48	J AGR ENVIRON ETHIC	50.48	46.30
39.25	TROP ANIM HEALTH PRO	12.20	39.25
63.46	ANIM FEED SCI TECH	63.46	36.95

35.21	INDIAN J ANIM SCI	3.36	35.21
111.05	PROD ANIM	111.05	33.40
126.74	AVIAN DIS	126.74	31.65
22.26	J THERM BIOL	17.63	22.26
54.44	P NUTR SOC	54.44	22.02
21.72	INDIAN VET J	6.98	21.72

Table 1: Related Journals by Journal citing WPS

<i>Rmax</i>	Journal	Cites from WPS to j	Cites from j to WPS
971.68	WORLD POULTRY SCI J	971.68	971.68
683.83	BRIT POULTRY SCI	683.83	646.00
455.75	POULTRY SCI	455.75	336.60
636.13	ARCH GEFLUGELKD	271.17	636.13
129.13	AVIAN PATHOL	129.13	56.69
126.74	AVIAN DIS	126.74	31.65
111.05	PROD ANIM	111.05	33.40
356.70	J APPL POULTRY RES	88.52	356.70
63.46	ANIM FEED SCI TECH	63.46	36.95
85.24	CAN J ANIM SCI	61.69	85.24
54.44	P NUTR SOC	54.44	22.02
50.48	J AGR ENVIRON ETHIC	50.48	46.30
44.34	GEN COMP ENDOCR	44.34	6.06
56.34	ARCH ANIM NUTR	27.76	56.34
56.48	J ANIM PHYSIOL AN N	25.53	56.48
24.62	COMP BIOCHEM PHYS A	24.62	7.96
20.51	BRIT J NUTR	20.51	7.26
19.15	TRENDS FOOD SCI TECH	19.15	16.16
18.82	J SCI FOOD AGR	18.82	15.47
17.72	BIOL TRACE ELEM RES	17.72	8.71

Table 2: Related Journals by WPS citing other journals

Competitor Comparisons:

The table below looks at the IF performance of some of the most related journals to World's Poultry Science Journal over the last 2 years, showing the percentage change between the 2 years, as well as the 5 year Impact Factor. World's Poultry Journal shows a good rate of growth rising 8.94% from 2007 to 2008.

Journal	IF 2007	IF 2008	Percentage Change	5 yr IF
APPL ANIM BEHAV SCI	1.404	1.823	22.98	2.215
POULTRY SCI	1.603	1.668	3.89	2.086
WORLD POULTRY SCI J	1.273	1.398	8.94	1.623
BRIT POULTRY SCI	1.603	1.134	-41.35	1.346
ANIMAL		0.994	100	1.006
CAN J ANIM SCI	0.68	0.659	-3.18	0.945

J APPL POULTRY RES	0.588	0.568	-3.52	0.77
ARCH GEFLUGELKD	0.258	0.373	30.83	0.417

Ranking in Category: Agriculture, Dairy and Animal Science

World's Poultry Science Journal currently ranks 14th out of 45 in the ISI category Agriculture, Dairy and Animal Science. This is a rise of 3 places from last year's place of 17th.

Rank	Journal title	total cites	IF	5 yr IF	Immediacy Index
1	J DAIRY SCI	24039	2.486	2.978	0.362
2	ANIM GENET	2456	2.459	2.602	0.274
3	DOMEST ANIM ENDOCRIN	1733	2.165	2.231	0.674
4	J ANIM SCI	21492	2.123	2.586	0.423
5	ANIM REPROD SCI	3991	1.89	2.395	0.376
6	ANIM FEED SCI TECH	4846	1.882	2.243	0.31
7	APPL ANIM BEHAV SCI	5252	1.823	2.215	0.358
8	POULTRY SCI	10804	1.668	2.086	0.301
9	J REPROD DEVELOP	1001	1.609	1.619	0.282
10	ANIM SCI	2066	1.559	1.642	
11	AVIAN POULT BIOL REV	149	1.556	1.024	
12	REPROD DOMEST ANIM	1309	1.526	1.91	0.178
13	J DAIRY RES	2467	1.437	1.925	0.1
14	WORLD POULTRY SCI J	968	1.398	1.623	0.139
15	GENET SEL EVOL	1236	1.256	1.829	0.525
16	SMALL RUMINANT RES	2881	1.193	1.442	0.184
17	J ANIM PHYSIOL AN N	708	1.171	1.163	0.207
18	BRIT POULTRY SCI	3117	1.134	1.346	0.095
19	RANGELAND ECOL MANAG	321	1.107	1.16	0.179
20	LIVEST SCI	608	1.091	1.095	0.216

The Appendix table shows the ranking of World's Poultry Science Journal from 2006-2008 in the same category. This shows the performance of the journal in this category over time.

Top Ten Papers contributing towards 2008 IF:

The following lists the top 10 most-cited papers published in 2006 and 2007 that most contributed to the 2008 IF. (It should, however, be noted that some citations may have occurred in 2009 to date.)

Title: Feed particle size: Implications on the digestion and performance of poultry

Author(s): Amerah AM, Ravindran V, Lentle RG, et al.

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **63** Issue: **3** Pages: **439-455** Published: **SEP 2007**

Total cites 10

Title: Welfare of broilers: a review

Author(s): Bessei W

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **3** Pages: **455-466** Published: **SEP 2006**

Total cites 10

Title: The LayWel project: welfare implications of changes in production systems for laying hens

Author(s): Blokhuis HJ, Van Niekerk TF, Bessei W, et al.

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **63** Issue: **1** Pages: **101-114** Published: **MAR 2007**

Total Cites 9

Title: Strategies for preventing heat stress in poultry

Author(s): Lin H, Jiao HC, Buyse J, et al.

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **1** Pages: **71-85** Published: **MAR 2006**

Total Cites 9

Title: Imprinting and critical periods in early development

Author(s): Tzschentke B, Plagemann A

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **4** Pages: **626-637** Published: **DEC 2006**

Total Cites 8

Title: Necrotic enteritis; a continuing challenge for the poultry industry

Author(s): McDevitt RM, Brooker JD, Acamovic T, et al.

Conference Information: 22nd World Poultry Congress, JUN 08-13, 2004 Istanbul, TURKEY

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **2** Pages: **221-247** Published: **JUN 2006**

Total Cites 8

Title: Changes in poultry production and trade worldwide

Author(s): Windhorst HW

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **4** Pages: **585-602** Published: **DEC 2006**

Total Cites 7

Title: Microflora of the digestive tract: critical factors and consequences for poultry

Author(s): Gabriel I, Lessire M, Mallet S, et al.

Conference Information: 5th Meeting on Avicolous Research, MAR 26-27, 2003 Tours, FRANCE

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **3** Pages: **499-511** Published: **SEP 2006**

Total Cites 7

Title: Behavioural needs, priorities and preferences of laying hens

Author(s): Weeks CA, Nicol CJ

Conference Information: 22nd World Poultry Congress, JUN 08-13, 2004 Istanbul, TURKEY

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **2** Pages: **296-307** Published: **JUN 2006**

Total Cites 7

Title: Enzymes for the feed industry: past, present and future

Author(s): Choct M

Source: **WORLDS POULTRY SCIENCE JOURNAL** Volume: **62** Issue: **1** Pages: **5-15** Published: **MAR 2006**

Total Cites 7

Appendix

Agriculture, Dairy & Animal Science ISI Category; Top 20 Journals (IF), 2006-2008

2008			2007			2006		
Ran k	Title	IF	Ran k	Title	IF	Ran k	Title	IF
1	J DAIRY SCI	2.486	1	ANIM GENET	2.64	1	ANIM GENET	2.53
2	ANIM GENET	2.459	2	DOMEST ANIM ENDOCRIN	2.528	2	J DAIRY SCI	2.284
3	DOMEST ANIM ENDOCRIN	2.165	3	J DAIRY SCI	2.361	3	ANIM REPROD SCI	2.186
4	J ANIM SCI	2.123	4	J ANIM SCI	2.102	4	DOMEST ANIM ENDOCRIN	2.168
5	ANIM REPROD SCI	1.89	5	ANIM REPROD SCI	1.739	5	J ANIM SCI	1.983
6	ANIM FEED SCI TECH	1.882	6	GENET SEL EVOL	1.735	6	GENET SEL EVOL	1.778
7	APPL ANIM BEHAV SCI	1.823	7	LIVEST PROD SCI	1.651	7	POULTRY SCI	1.656
8	POULTRY SCI	1.668	8	POULTRY SCI	1.603	8	REPROD DOMEST ANIM	1.503
9	J REPROD DEVELOP	1.609	9	J DAIRY RES	1.507	9	J DAIRY RES	1.407
10	ANIM SCI	1.559	10	ANIM BIOTECHNOL	1.475	10	ANIM FEED SCI TECH	1.29
11	AVIAN POULT BIOL REV	1.556	11	ARCH ANIM NUTR	1.469	11	ANIM BIOTECHNOL	1.182
12	REPROD DOMEST ANIM	1.526	12	J REPROD DEVELOP	1.466	12	APPL ANIM BEHAV SCI	1.177
13	J DAIRY RES	1.437	13	ANIM FEED SCI TECH	1.458	12	WORLD POULTRY SCI J	1.177
14	WORLD POULTRY SCI J	1.398	14	APPL ANIM BEHAV SCI	1.404	14	J REPROD DEVELOP	1.149
15	GENET SEL EVOL	1.256	15	REPROD DOMEST ANIM	1.297	15	BRIT POULTRY SCI	1.135
16	SMALL RUMINANT RES	1.193	16	ANIM SCI	1.28	16	LIVEST PROD SCI	1.131
17	J ANIM PHYSIOL AN N	1.171	17	WORLD POULTRY SCI J	1.273	17	J ANIM PHYSIOL AN N	1.075
18	BRIT POULTRY SCI	1.134	18	BRIT POULTRY SCI	1.071	18	ARCH ANIM NUTR	1.051
19	RANGELAND ECOL MANAG	1.107	19	J ANIM BREED GENET	1.038	19	ANIM SCI	1.021
20	LIVEST SCI	1.091	20	SMALL RUMINANT RES	0.966	20	J ANIM BREED GENET	1.009