

Revista Mexicana de Astronomía y Astrofísica: 42 years of history and plans for the future

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ADeLA 2016, Bogotá, Colombia

Some history:

- Revista Mexicana de Astronomía y Astrofísica was founded in 1974 continuing the tradition of the Boletín de los Observatorios de Tonantzintla y Tacubaya (founded in 1952)
- Founding editors were París Písmis, Eugenio Mendoza and Silvia Torres-Peimbert
- It has published original research articles in all branches of astronomy, astrophysics and related topics.
- Papers are published in English, with an abstract in Spanish.
- Until 1994 it also published as special volumes the proceedings of meetings held in Mexico and Latin America. In 1995 a separate journal was founded for this purpose

The journal

- Two issues per year are published. 800 printed issues are distributed free of charge to more than 500 astronomical institutions in 70 countries.
- The journal is included in the main international and national indices (such as Science Citation Index, Scopus, ADS, Latindex, Scielo, etc.)
- It is fully integrated into the ADS. From volume 36 (2002) onwards it appears simultaneously in the ADS, and is freely accessible. All previous volumes were scanned and are also freely available in the ADS
- The publication is free of charge for authors
- After the first issue all papers have been peer-refereed

Editor, RMxAA
Christine Allen

Editor, RMxAC
Silvia Torres-Peimbert

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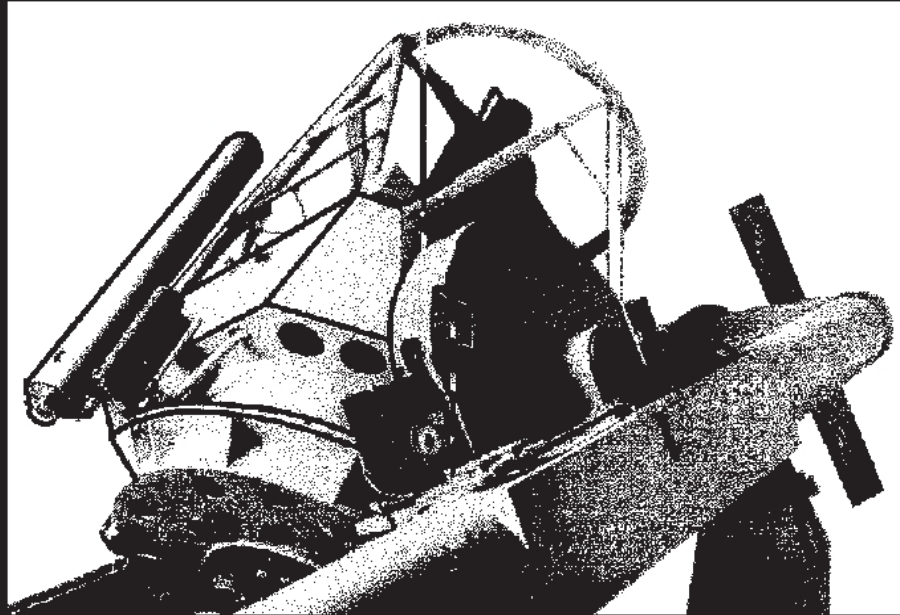
ISSN-0185-1101



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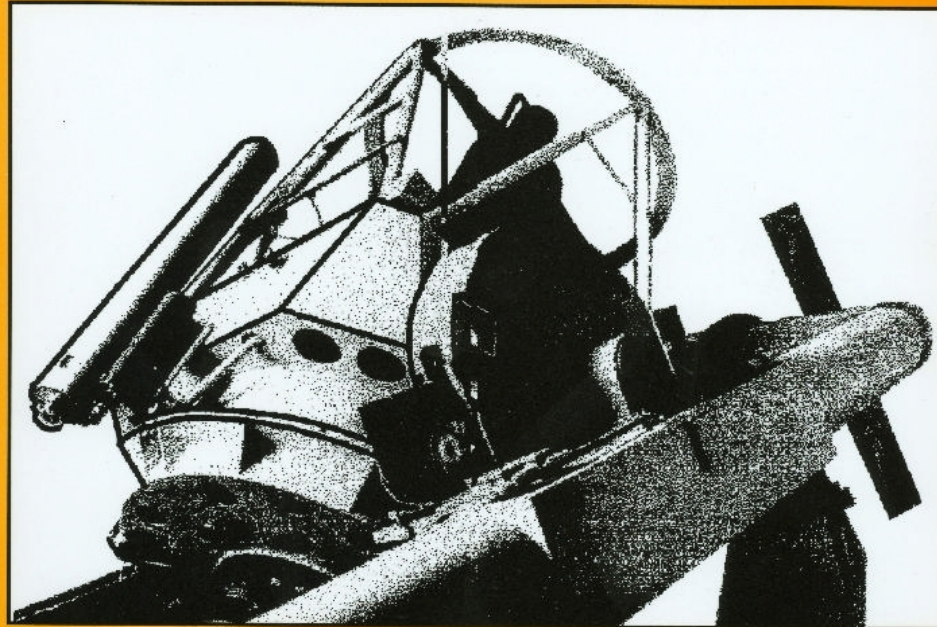


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serie de conferencias



VI Reunión de Astronomía
Dinámica en Latinoamérica
(ADeLA)

volumen 46
octubre 2015

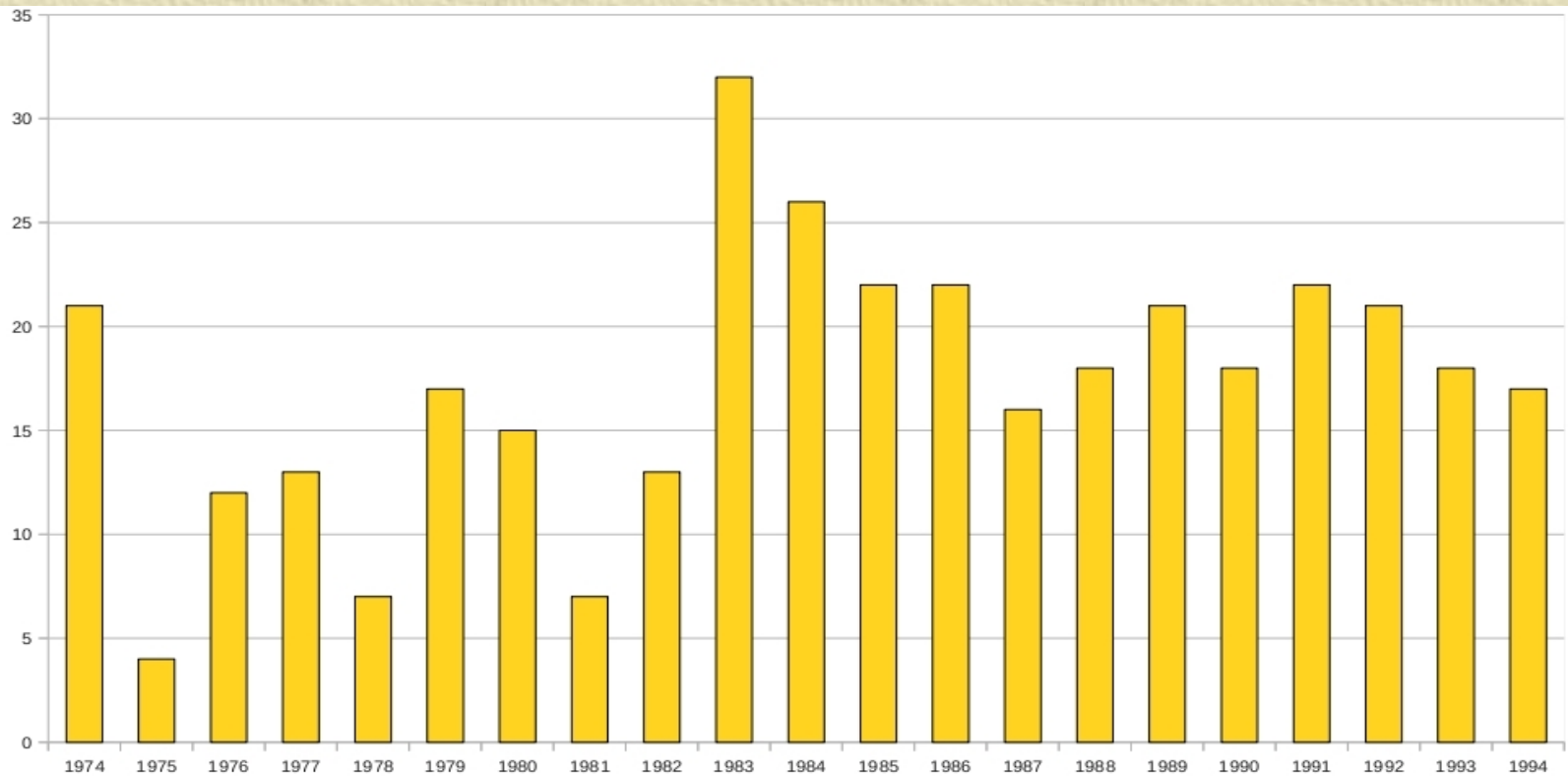
Financial support:

The Astronomy Institute, UNAM, contributes to RMxAA with:

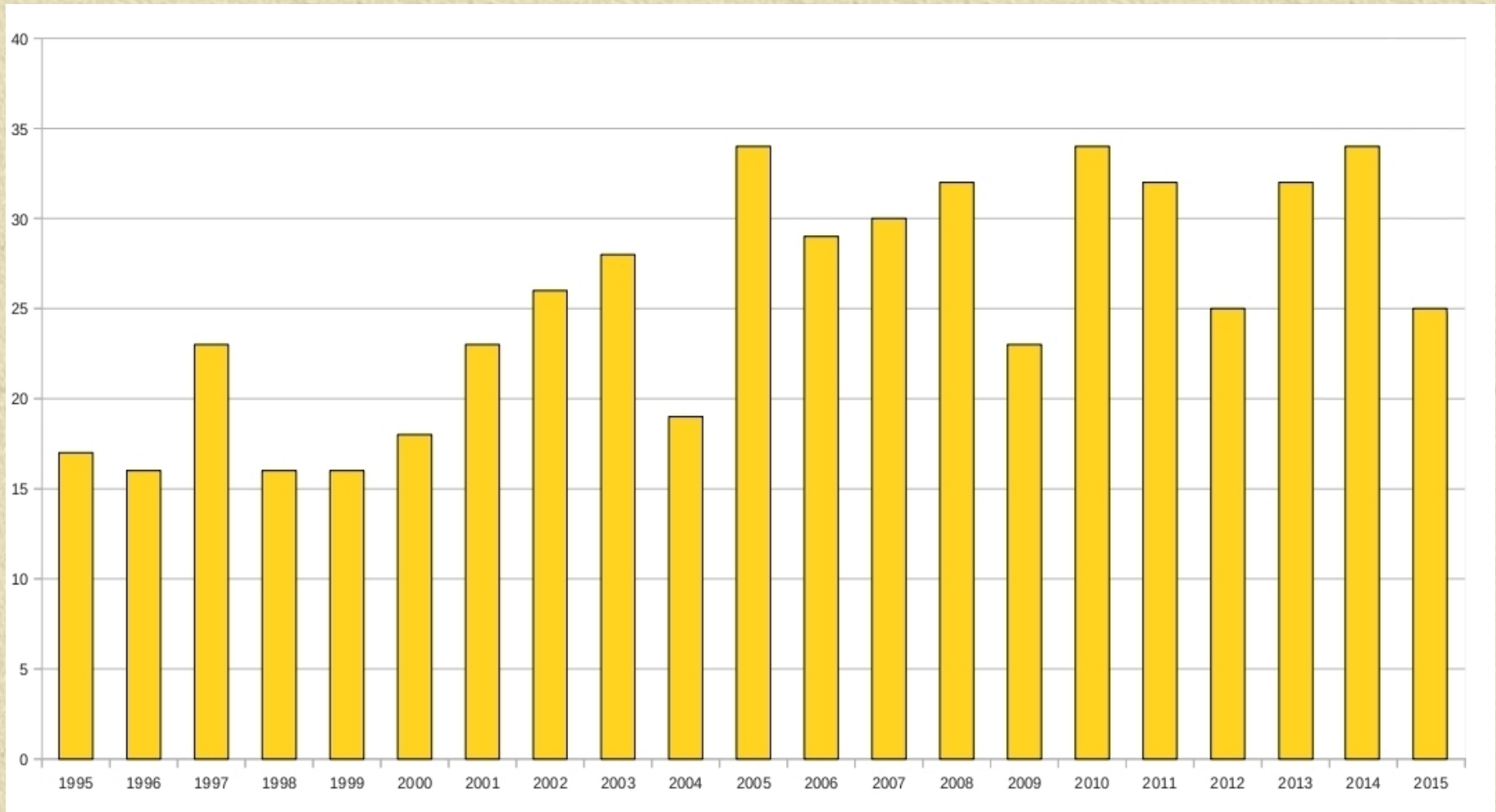
- Two editorial assistants
- An office and infrastructure (mainly computational)
- Printing and mailing costs

Financial support for the Conference Series is provided mainly by the organizers or sponsoring institutions

Published refereed papers total=894



Published refereed papers total=894



JOURNAL TITLE	ISSN	TOTAL CITES	IMPACT FACTOR	5-YEAR IMPACT FACTOR
REV MEX ASTRON ASTR	0185-1101	607	2.364	1.662

JOURNAL IMPACT FACTOR

CITES IN 2015 TO ITEMS PUBLISHED IN:

2014 = 30

2013 = 126

Sum: 156

NUMBER OF ITEMS PUBLISHED IN:

2014 = 34

2013 = 32

Sum: 66

Calculation: <u>Cites to recent items</u>	<u>156</u> = 2.364
Number of recent items	66

5-YEAR JOURNAL IMPACT FACTOR

CITES IN (2015) TO ITEMS PUBLISHED IN:

2014 = 30

2013 = 126

2012 = 18

2011 = 56

2010 = 31

Sum: 261

NUMBER OF ITEMS PUBLISHED IN:

2014 = 34

2013 = 32

2012 = 25

2011 = 32

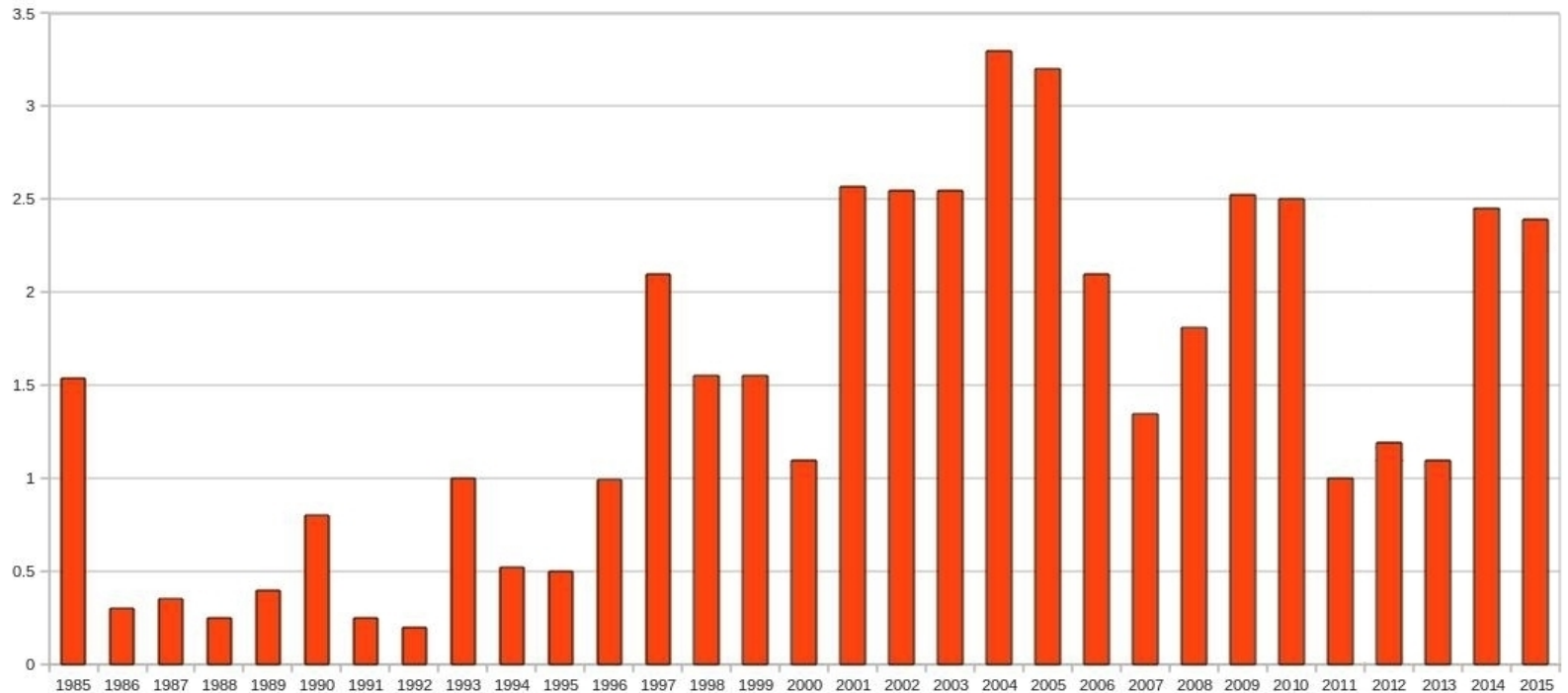
2010 = 34

Sum: 157

Calculation: <u>Cites to recent items</u>	<u>261</u> = 1.662
Number of recent items	157

Impact factor 1985-2015

Factor de impacto
1985 - 2015



Average impact factor
2001-2015

2.185

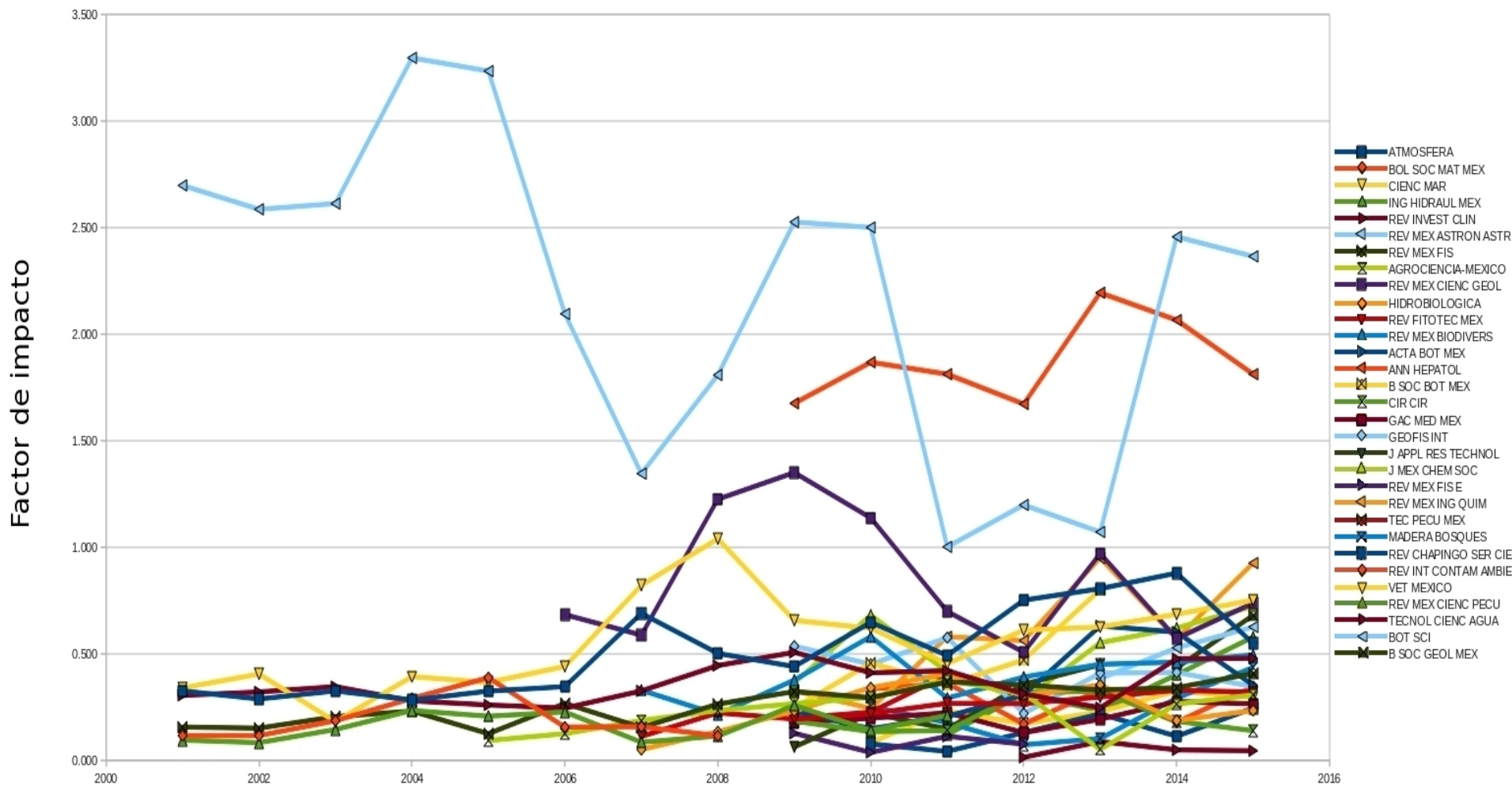
Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data [ⓘ]						Eigenfactor [®] Metrics [ⓘ]	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor [®] Score	Article Influence [®] Score
<input type="checkbox"/>	1	ANNU REV ASTRON ASTR	0066-4146	9000	37.846	31.586	2.875	16	>10.0	0.02021	19.063
<input type="checkbox"/>	2	LIVING REV SOL PHYS	1614-4961	926	19.333	19.889	0.286	7	5.4	0.00473	11.578
<input type="checkbox"/>	3	ASTRON ASTROPHYS REV	0935-4956	1315	12.136	14.020	2.857	7	5.7	0.00578	7.793
<input type="checkbox"/>	4	ASTROPHYS J SUPPL S	0067-0049	24953	11.257	11.121	2.559	211	8.0	0.07151	5.822
<input type="checkbox"/>	5	ANNU REV EARTH PL SC	0084-6597	6179	7.810	10.622	2.750	20	>10.0	0.01158	6.023
<input type="checkbox"/>	6	SPACE SCI REV	0038-6308	8644	7.242	6.316	2.141	92	7.9	0.02446	3.574
<input type="checkbox"/>	7	NEW ASTRON REV	1387-6473	922	6.154	3.800	1.200	5	9.4	0.00200	2.032
<input checked="" type="checkbox"/>	8	ASTROPHYS J	0004-637X	202826	5.909	5.570	1.626	2974	7.8	0.42708	2.055
<input type="checkbox"/>	9	J COSMOL ASTROPART P	1475-7516	18922	5.634	4.770	2.114	665	3.4	0.06081	1.505
<input type="checkbox"/>	10	ASTROPHYS J LETT	2041-8205	46151	5.487	4.973	1.560	629	8.0	0.13943	2.624
<input type="checkbox"/>	11	PHYS DARK UNIVERSE	2212-6864	382	5.222	5.708	0.900	10	2.4	0.00249	2.533
<input checked="" type="checkbox"/>	12	ASTRON ASTROPHYS	1432-0746	107162	5.185	4.400	1.508	1777	7.8	0.24077	1.712
<input checked="" type="checkbox"/>	13	MON NOT R ASTRON SOC	0035-8711	120400	4.952	4.729	1.782	3080	5.5	0.30357	1.601
<input type="checkbox"/>	14	PHYS LETT B	0370-2693	59456	4.787	3.966	1.747	826	>10.0	0.09563	1.489
<input checked="" type="checkbox"/>	15	ASTRON J	0004-6256	34055	4.617	4.703	1.101	397	>10.0	0.06307	2.380
<input type="checkbox"/>	16	PHYS REV D	2470-0010	147302	4.506	3.805	1.683	3369	6.9	0.26656	1.105
<input type="checkbox"/>	17	PUBL ASTRON SOC PAC	0004-6280	9404	4.422	3.762	0.796	103	>10.0	0.01903	2.170
<input type="checkbox"/>	18	ASTROPART PHYS	0927-6505	3340	3.425	3.130	1.641	117	5.9	0.00839	1.164
<input type="checkbox"/>	19	ICARUS	0019-1035	20194	3.383	3.291	1.404	470	8.7	0.04456	1.428
<input type="checkbox"/>	20	PUBL ASTRON SOC AUST	1323-3580	1184	3.245	2.629	0.957	47	5.4	0.00450	1.281

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data ^①						Eigenfactor [®] Metrics ^②	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor [®] Score	Article Influence [®] Score
<input type="checkbox"/>	21	EXP ASTRON	0922-6435	746	2.867	2.318	0.304	69	3.6	0.00332	1.025
<input type="checkbox"/>	22	SOL PHYS	0038-0938	10552	2.862	3.238	0.615	205	>10.0	0.02343	1.436
<input type="checkbox"/>	23	J SPACE WEATHER SPAC	2115-7251	260	2.846	2.685	0.308	39	2.0	0.00141	1.011
<input type="checkbox"/>	24	CLASSICAL QUANT GRAV	0264-9381	15863	2.837	2.798	1.428	456	7.1	0.03563	1.068
<input type="checkbox"/>	25	ASTROBIOLOGY	1531-1074	1984	2.628	2.598	0.500	78	5.6	0.00578	0.959
<input type="checkbox"/>	26	SPACE WEATHER	1542-7390	1119	2.398	2.293	0.708	72	4.8	0.00305	0.765
<input type="checkbox"/>	27	REV MEX ASTRON ASTR	0185-1101	607	2.364	1.662	0.080	25	7.3	0.00213	0.898
<input type="checkbox"/>	28	CR PHYS	1631-0705	1501	2.081	1.803	0.976	83	6.2	0.00529	0.970
<input type="checkbox"/>	29	ACTA ASTRONOM	0001-5237	1100	2.000	2.319	1.529	17	>10.0	0.00198	1.098
<input type="checkbox"/>	30	INT J MOD PHYS D	0218-2718	3301	1.963	1.368	0.829	211	7.1	0.00699	0.502
<input checked="" type="checkbox"/>	31	PUBL ASTRON SOC JPN	0004-6264	4635	1.961	1.880	0.488	129	8.2	0.01020	0.863
<input type="checkbox"/>	32	PLANET SPACE SCI	0032-0633	6840	1.942	1.941	0.820	244	9.2	0.01465	0.913
<input type="checkbox"/>	33	ASTRON COMPUT	2213-1337	194	1.920	1.920	1.307	75	1.0	0.00054	0.718
<input type="checkbox"/>	34	ANN GEOPHYS-GERMANY	0992-7689	5994	1.731	1.686	0.336	137	9.3	0.00907	0.715
<input type="checkbox"/>	35	ASTROPHYS SPACE SCI	0004-640X	6760	1.678	1.588	0.615	436	6.3	0.01282	0.439
<input type="checkbox"/>	36	GEN RELAT GRAVIT	0001-7701	4766	1.668	1.681	0.752	141	9.8	0.00795	0.590
<input type="checkbox"/>	37	CELEST MECH DYN ASTR	0923-2958	2268	1.594	1.783	0.492	61	>10.0	0.00359	0.704
<input type="checkbox"/>	38	ADV SPACE RES	0273-1177	8414	1.409	1.406	0.395	517	8.6	0.01367	0.462
<input type="checkbox"/>	39	RES ASTRON ASTROPHYS	1674-4527	1175	1.292	1.524	0.647	167	3.4	0.00558	0.587
<input type="checkbox"/>	40	RADIO SCI	0048-6604	4042	1.273	1.452	0.310	100	>10.0	0.00452	0.584

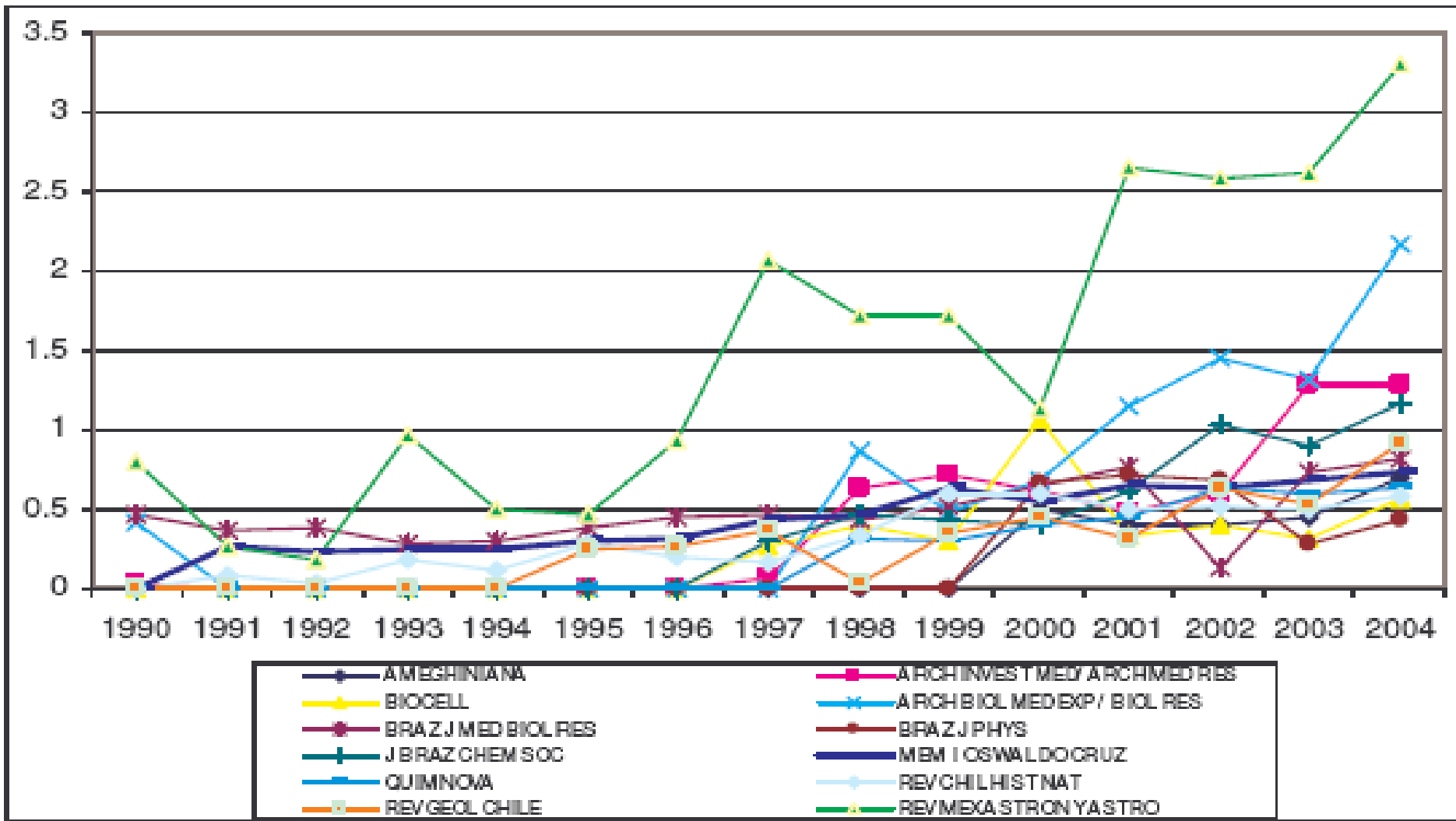
México 2015

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data ⁱ						Eigenfactor [®] Metrics ⁱ	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor [®] Score	Article Influence [®] Score
<input checked="" type="checkbox"/>	1	REV MEX ASTRON ASTR	0185-1101	607	2.364	1.662	0.080	25	7.3	0.00213	0.898
<input type="checkbox"/>	2	ANN HEPATOL	1665-2681	1269	1.811	1.803	0.478	69	4.0	0.00362	0.524
<input type="checkbox"/>	3	REV MEX ING QUIM	1665-2738	295	0.924	0.812	0.134	67	3.7	0.00027	0.067
<input type="checkbox"/>	4	CIENC MAR	0185-3880	564	0.750	0.857	0.182	22	9.5	0.00062	0.244
<input type="checkbox"/>	5	REV MEX CIENC GEOL	1026-8774	544	0.736	0.846	0.086	35	7.5	0.00085	0.262
<input type="checkbox"/>	6	J MEX CHEM SOC	1870-249X	377	0.722	0.844	0.000	23	5.1	0.00066	0.169
<input type="checkbox"/>	7	B SOC GEOL MEX	1405-3322	214	0.679		0.188	16	5.8	0.00053	
<input type="checkbox"/>	8	BOT SCI	2007-4298	101	0.624	0.732	0.100	70	2.5	0.00037	0.192
<input type="checkbox"/>	9	REV MEX CIENC PECU	2007-1124	117	0.577	0.628	0.061	33	3.7	0.00058	0.208
<input type="checkbox"/>	10	ATMOSFERA	0187-6236	291	0.547	0.821	0.167	24	6.9	0.00046	0.215
<input type="checkbox"/>	11	REV MEX BIODIVERS	1870-3453	597	0.493		0.044	136	4.5	0.00179	
<input type="checkbox"/>	12	REV INVEST CLIN	2385-3956	374	0.477	0.402	0.103	39	8.5	0.00046	0.091
<input type="checkbox"/>	13	MADERA BOSQUES	1405-0471	183	0.434	0.435	0.049	41	9.4	0.00015	0.090
<input type="checkbox"/>	14	REV MEX FIS	0035-001X	597	0.406	0.322	0.076	66	8.4	0.00073	0.081
<input type="checkbox"/>	15	ACTA BOT MEX	0187-7151	291	0.351	0.584	0.000	26	>10.0	0.00033	0.148
<input type="checkbox"/>	16	GEOFIS INT	0016-7169	405	0.344	0.354	0.107	28	>10.0	0.00022	0.101
<input type="checkbox"/>	17	REV INT CONTAM AMBIE	0188-4999	154	0.343	0.355	0.074	27	5.9	0.00026	0.081
<input type="checkbox"/>	18	REV FITOTEC MEX	0187-7380	253	0.318	0.430	0.021	47	7.3	0.00033	0.095
<input type="checkbox"/>	19	AGROCIENCIA-MEXICO	1405-3195	480	0.305	0.421	0.062	65	8.1	0.00057	0.106
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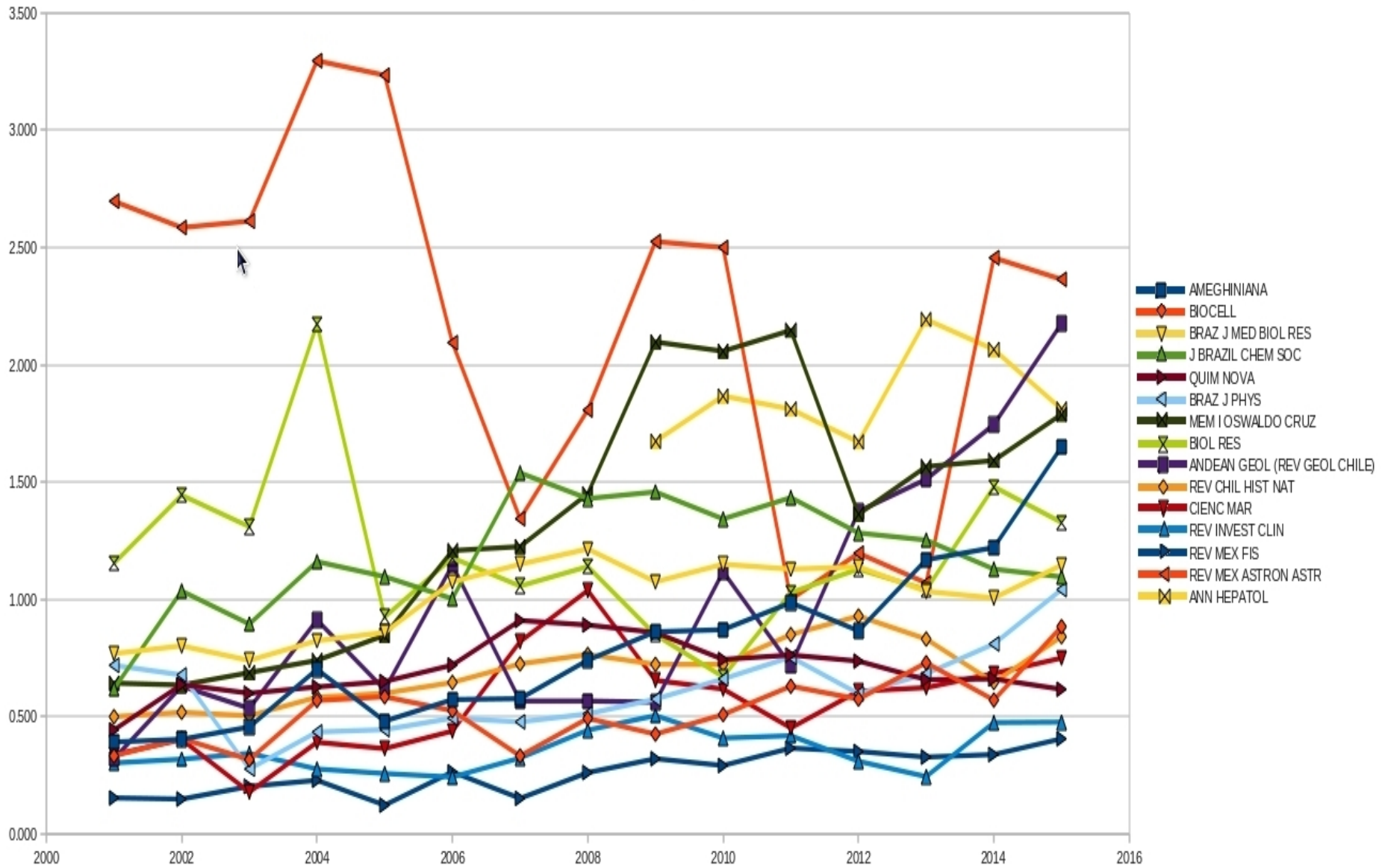
Revistas científicas mexicanas en Journal Citation Report



Comparison of Latin American and Caribbean Scientific Journals



Comparison of LatinAmerican and Caribbean Scientific Journals



Visibility

RMxAA is included in the main national and international indexes

Both RMxAA and RMxAC are fully integrated into the ADS, which makes their visibility comparable to that of the best international astronomical journals.

Contents are freely available and downloadable in our website.

<http://www.astroscu.unam.mx/~rmaa>

International participation 2010-2016

Published papers came from

México, Argentina, Brazil, Turkey, Spain, Canada, Italy, Serbia,, German, Russia, Chile, Greece, USA, France..China, India, Nigeria, Venezuela

Referees came from

USA, México, Spain, Italy, UK, Canada, France, Germany, Poland, Argentina, Brazil, India, Belgium, Chile, Venezuela, Sweden, India, Japan, Switzerland, Czech Rep., China, Hungary, Korea, Holland, Russia

Rejected papers came from

México, Brazil, China, Turkey, Greece, Tunisia, Bulgaria, Italy, Iran, Romania

Conclusions

- RMxAA has been published continuously for 42 years.
- Its visibility and impact factor place it among the good international astronomy journals..
- The printed issues are distributed free of charge to all institutional astronomy libraries.
- The on-line version is freely available..
- Authors pay no page charges. This makes our journal particularly attractive in times of economic hardship.
- Spanish abstracts are intended to preserve our language as a valid alternative for communication among astronomers.
- Its editorial independence is valuable for scientifically sound contributions outside the main prevailing trends
- Paradoxically, its acceptance among national evaluation agencies is not on par to its international reputation. So, many authors (especially among the young) still prefer to publish in other journals, sometimes with worse visibility and impact factors....

The future

-How shall we continue? Should we go to all electronic publication?

Yes, but we have two main concerns:

-How to guarantee the integrity of the publication

-How to ensure its durability

-We now have the ISSN for both journals

-We have recently obtained ISSN-el for RMxAA and are in the process of obtaining it for RMxAC

-Hopefully soon we will have DOI for both journals

Muchas gracias

