Supplementary Materials

Table S1. Top 10 countries in terms of publication record and TLS in the apple snails-related research filed.

No.	Countries	Records	Countries	TLS
1	USA	232	USA	91
2	China	206	China	80
3	Argentina	189	Argentina	49
4	Brazil	108	Germany	41
5	Japan	95	United Kingdom	39
6	Thailand	46	Brazil	35
7	Philippines	31	Philippines	29
8	Germany	30	Italy	27
9	India	27	Thailand	26
10	United Kingdom	22	Australia	24

Table S2. Top 10 Institutions in terms of publications record and TLS in the apple snails-related research filed.

No.	Institutions	Records	Institutions	TLS
1	Consejo Nacional de Investigaciones Científicas y Técnicas Conicet (Argentina)	133	Hong Kong Baptist University (China)	58
2	State University System of Florida (USA)	71	South China Agricultural University (China)	42
3	National University of the South (Argentina)	65	National University of La Plata (Argentina)	41
4	National University of La Plata (Argentina)	62	Hong Kong University of Science & Technology (China)	29
5	Universidad Nacional Cuyo Mendoze (Argentina)	42	National University of the South (Argentina)	28
6	South China Agricultural University (China)	40	University of Hawaii (USA)	24
7	National Agricultural Food Research Organization Japan (Japan)	40	Ministry of Agriculture (China)	22
8	Museo La Plata (Argentina)	34	Consejo Nacional de Investigaciones Científicas y Técnicas Conicet (Argentina)	19
9	Hong Kong Baptist University (China)	32	Chinese Academy of Sciences (China)	18
10	United States Department of the Interior (USA)	32	University of Florida (USA)	18

Table S3. Top 10 countries with the strongest citation bursts in the apple snails-related researches. Red line indicates the time period of the burst.

Countries	Strength	Begin	End	1973–2021
Japan	14.71	1990	2009	
USA	5.84	2008	2009	
Brazil	5.75	1981	1997	
Mexico	3.99	2003	2008	
India	3.36	1973	1979	
Australia	2.95	2018	2021	
Switzerland	2.95	2006	2013	
Philippines	2.83	1991	2002	
Chile	2.24	2007	2009	
China	2.21	2011	2012	

Table S4. Top 10 institutions with the strongest citation bursts in the apple snails-related researches. Red line indicates the time period of the burst.

Institutions	Strength	Begin	End	1998–2021
South China Agricultural University (China)	7.91	2013	2021	
Universidad Nacional de La Plata (Argentina)	7.01	2017	2021	
National Agricultural Research Center Kyushu Okinawa Regional (Japan)	6.79	2002	2009	
National University of La Plata (Argentina)	4.92	1998	2007	
Consejo Nacional de Investigaciones Científicas y Técnicas Conicet (Argentina)	4.40	2013	2015	
Key Laboratory of Agro-Environment in the Tropics, Ministry of Agriculture (China)	4.34	2016	2019	
Florida International University (USA)	4.02	2007	2009	
Guangdong Engineering Technology Research Center of Modern Ecoagriculture (China)	3.96	2016	2018	
Sichuan Agricultural University (China)	3.81	2016	2019	
Kyushu University (Japan)	3.51	1998	2010	