

Table S2. Bibliometric information extracted from selected papers published on tomato grafting from 1944 to 2020.

Factors	Results
Papers	397
Journals	153
Countries	53
Author's keywords	931
Authors	1240
Authors of single-authored documents	16
Authors of multi-authored documents	1224
Single-authored documents	17
Documents per author	0.321
Authors per document	3.12
Co-authors per document	4.59
Collaboration index	3.21

Table S3. Most cited papers in articles published from 1944 to 2020. Data were retrieved on November 11th, 2021.

Paper	Journal	DOI	Citations
Li, L. (2002)	P Natl Acad Sci USA	10.1073/pnas.072072599	301
Alvarez, J. P. (2006)	Plant Cell	10.1105/tpc.105.040725	300
Kim, M. (2001)	Science	10.1126/science.1059805	291
Holbrook, N. M. (2002)	J Exp Bot	10.1093/jxb/53.373.1503	253
Estañ, M. T. (2005)	J Exp Bot	10.1093/jxb/eri027	241
Santa-Cruz, A. (2002)	Plant Sci	10.1016/S0168-9452(02)00030-4	175
He, Y. (2009)	Environ Exp Bot	10.1016/j.envexpbot.2009.02.007	157
Flores, F. B. (2010)	Sci Hortic	10.1016/j.scienta.2010.03.026	154
Albacete, A. (2009)	Plant Cell Environ	10.1111/j.1365-3040.2009.01973.x	144
Venema, J. H. (2008)	Environ Exp Bot	10.1016/j.envexpbot.2007.12.015	121

Table S4. Information on tomato grafting published in articles from 1944 to 2020 on grafting methods, experimental conditions and specificity grafting.

GRAFTING METHODS			EXPERIMENTAL CONDITIONS			SPECIFICITY GRAFTING		
ID	Articles	Articles in percentage	ID	Articles	Articles in percentage	ID	Articles	Articles in percentage
Splice	157	39.55%	Controlled conditions	329	82.87%	Intraspecific	321	38.21%
Non-identified	132	33.25%	Field	49	12.34%	Interspecific	520	61.83%
Cleft	89	22.42%	Both	12	3.02%			
Tongue approach	9	2.27%	Non-identified	7	1.76%			
Hole insertion	3	0.76%						
Apical	1	0.25%						
Clamp	1	0.25%						
Close joining	1	0.25%						
Girdling	1	0.25%						
High	1	0.25%						
Pin	1	0.25%						
Plug-in	1	0.25%						
Shoot removal	1	0.25%						
Split	1	0.25%						
Vitro	1	0.25%						

ID: identification. Articles in percentage were made using the total number of articles in the collection as 100%

Table S5. Information about rootstocks used on tomato grafting in articles published from 1944 to 2020.

Rootstocks species	Articles	Articles in percentage
<i>S. lycopersicum</i> × <i>S. habrochaites</i>	305	76.83%
<i>S. lycopersicum</i>	303	76.32%
Non-identified	164	41.31%
<i>S. melongena</i>	31	7.81%
<i>S. habrochaites</i>	26	6.55%
<i>N. tabacum</i>	17	4.28%
<i>S. lycopersicum</i> × <i>S. pimpinellifolium</i>	15	3.78%
<i>S. tuberosum</i>	15	3.78%
<i>S. lycopersicum</i> var. <i>cerasiforme</i>	14	3.53%
<i>S. lycopersicum</i> × <i>S. cheesmaniae</i>	10	2.52%
<i>S. torvum</i>	9	2.27%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. pimpinellifolium</i>	8	2.02%
<i>S. sessiliflorum</i>	7	1.76%
<i>S. pimpinellifolium</i>	6	1.51%
<i>S. pennellii</i>	5	1.26%
<i>S. aethiopicum</i>	5	1.26%
<i>S. habrochaites</i> var. <i>hirsutum</i>	4	1.01%
<i>S. gilo</i>	4	1.01%
<i>P. peruviana</i>	4	1.01%
<i>C. annum</i>	4	1.01%
<i>S. palinacanthum</i>	3	0.76%
<i>S. nigrum</i>	3	0.76%
<i>S. lycopersicum</i> × <i>S. pennellii</i> × <i>S. habrochaites</i>	3	0.76%
<i>S. jamaicense</i>	3	0.76%
<i>N. rustica</i>	3	0.76%
<i>L. chinense</i>	3	0.76%
<i>S. stramonifolium</i>	2	0.50%
<i>S. sisymbriifolium</i>	2	0.50%
<i>S. mammosum</i>	2	0.50%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. cheesmaniae</i>	2	0.50%
<i>S. lycopersicum</i> ssp. <i>subspontaneum</i> var. <i>cerasiforme</i>	2	0.50%
<i>S. luteum</i>	2	0.50%
<i>D. patula</i>	2	0.50%
<i>S. pseudocapsicum</i>	1	0.25%
<i>S. lycopersicum</i> × <i>S. neorickii</i>	1	0.25%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. pennellii</i>	1	0.25%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. habrochaites</i>	1	0.25%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. galapagenese</i>	1	0.25%
<i>S. lycopersicum</i> var. <i>cerasiforme</i> × <i>S. chmielewskii</i>	1	0.25%
<i>S. lycopersicum</i> ssp. <i>subspontaneum</i> var. <i>pruniformae</i>	1	0.25%
<i>S. lycocarpum</i>	1	0.25%
<i>S. integrifolium</i>	1	0.25%
<i>S. elaeagnifolium</i>	1	0.25%
<i>S. crinitum</i>	1	0.25%
<i>N. sylvestris</i>	1	0.25%
<i>N. physaloides</i>	1	0.25%
<i>L. glandulosum</i>	1	0.25%
<i>A. thaliana</i>	1	0.25%
<i>S. viarum</i>	1	0.25%
<i>S. lycopersicum</i> ssp. <i>subspontaneum</i> var. <i>pyriformae</i>	1	0.25%

Articles in percentage were made using the total number of articles in the collection as 100%