

1			19791 0	43		202212		9.5	1.Field Crops Research 2019 241: 107574.IF 6.145 2. 2019 45(03): 323-334. 3.Agronomy Journal 2021 113(6): 5612-22. IF 2.65 4. 2021 7	1. 2017-2020 60 2. 2018-2020 38 3. - 2025 3.5 2021-	
2			19870 2	35		202208		6.7	1. Theoretical and Applied Genetics, 2020, 133(8):2521-2533. IF 4.439, 2. Plants-Basel, 2021, 10(8), 1585. IF 3.896, 3. 24 20220008 4. 3 20210018 5. 2 20200026	1. 2022-2025 20 2. 2020-2025 350 3. 2021-2026 500	
3			19730 5	49		200701		6.6	1. Carbohydrate Polymers, 2020, 232,115448 IF 10.72 2.Green Chemistry, 2019, 21, 4388-4399 IF 11.03, 3.Plant Biotechnology Journal, 2018, 16: 254-263 IF 13.26, 4. ZL201611079476.4 2020 2 5. ZL201710034163.5 2019 3	1. 2022- 2025 260	

4			19900 8	32		202001		3	(2022 4 11-22 CSSCI 2. 2021 2 179-192 CSSCI 1940 2020 4 131-137 CSSCI	(2020-2023 10 2. 2016-2022 30	
5			19750 5	47		201010		4	1. 2018 4 CSSCI 2. 2020 S1,CSSCI	1. 2022 10) 2021-2025 8 3. 2021-2023	
6			19820 3	40		201510		70	+ 1.International Journal of Biological Macromolecules, 2022,220:985-997.IF 8.02,) G ;)) ((, l(0 (+, +- (+ 3.Frontiers in Plant Science,2020,11:206.IF 6.627, 4.BMC Plant Biology,2020,20:491.IF 5.26, 5. 009, 20220032,	1. 2022-2024 100 2. 2022-2026 100 3. 2017-2021 80 4. 2018-2022 222.5 2	

7		19800 1	42	201510	21	1. CN202110912073.8 2. 2019 3. 2021 4. 2019		1. 2022-2024 10 2. 2021- 2022 8 3. 2019-2021 5 4. 2016-2020 227				
8		19711 0	51	200611	37.3	1.Agriculture-Basel, 2022,DOI 10.3390/agriculture12040507.IF 3.408, 2. ,2018,40(05):1164-1174, 3. ZL 201710045012.X 2019 4. ZL 201610245423.9,2018 5. ZL 201610245162.0,2018		1. 2020-2023 58 2. 2021-2024 60				
9		19840 7	38	202010	200	1.Computers and Electronics in Agriculture198(2022)107084, 1100 2.Remote Sens. 2021, Volume 13, Issue 18, 3719, 3.Journal of Integrative Agriculture) (0 (/ . 1(, -) 1570 4.Infrared Physics & Technology 123 (2022) 104118		1. + 2019-2023 2. 2021-2026 60 3. 2022-2024 150 4. 2021-2023 568 4				

10			2E+05	32		202109		185	1.8: J J 9) (/ . . . + . / () 2. Increasing plant bioproduct yield 2020	1. 2026 165 2021- 2. 2020-2025 20	
11			19831 0	39		201301		15	1.PLoS ONE, 2018, IF 3.752, 2. 2022 3. 2018	1. MS22 2020-2023 10 2. 2019-2021 6.5	
12			19800 5	42		201411		69.45	1. 2022. 2. 2022(1): 114-117. 3.Entomologia Experimentalis et Applicata, 2018, 166:703-712. IF 1.623, 4. ZL202110571912.4 5. ZL20212 1137904.0	1. 2022-2024 50 2. 2021- 2025 3. 2018 295	

13			19820 1	40		201712	15	<p>+ + +</p> <p>1. Journal of Experimental Botany. 2018,69(12),3141-3155. IF 6.992,) A 9)) (.) (+. 0- + / / IF 6.992, 3. Horticulturae. 2021,7,193. IF 2.331, 4. Planta. 2020.12, 253(34): 34-58. IF 4.116, 5. 201910651169.6</p>	<p>1. CRISPR 2022-2024 100</p> <p>2. CRISPR 2022-2025 10</p> <p>3. 2021-2023 100</p> <p>4. Csy4-type CRISPR/Cas9 2020-2022 5</p>	
14			19790 6	43		202201	50	<p>1. Plant Biotechnology Journal. 2022, https://doi.org/10.1111/pbi.13920. IF 13.26, 2. BMC Plant Biology. 2022, 22: 41. IF 5.26, 3. Tropical Plants. 2022, 1: 6. 4. BMC Plant Biology. 2018, 18: 329. IF 3.94.</p>	<p>1. MeGRXC4 2023-2026 53</p> <p>2. 2018-2022 203</p> <p>3. 2016- 2020 263</p>	
15			19820 9	40		202101	180	<p>1. Nature Plants. 2019, 5(8):810-821, 2. Molecular Plant. 2021, 14(6):851-854, 3. Genome Biology. 2021, 22(1):316, 4. Advanced Science. 2020, 7, 1901672, 5. , 2021</p>	<p>1. 2022-2026, 140</p> <p>2. MeCPK9 MeDI19 2018-2021 59</p> <p>3. 250</p> <p>2021-2024</p> <p>4. 2022- 2025 78</p>	

16			19821 0	40		202211	120	<p>+ +</p> <p>1.Industrial Crops and Products, 2018</p> <p>2.Industrial Crops and Products, 2022, 187:115382. IF 6.449,</p> <p>: G) (0 ()/1()- (0</p> <p>4.191,</p> <p>4.BMC Genomics, 2022, 23:178. IF 4.547,</p>	<p>1. 2022 2026 150</p> <p>2. CeWRI1 2022</p> <p>2024 36</p> <p>3. HbPIP2;3 2020</p> <p>2023 58</p> <p>4. 2018</p> <p>2020 23</p>	
17			19751 0	47		201701	43	<p>1.Plant Cell Rep. 2022, 41(7), 1573-1587. IF 4.96,</p> <p>2.Journal of Integrative Agriculture. 2022,21(9): 2588-2602. IF 4.38,</p> <p>3.Plant Physiology and Biochemistry, 2022, online. IF 5.44,</p> <p>4.BMC Genetics. 2018, 19:45. IF 2.469,</p> <p>5. ZL202111139885.X</p>	<p>1. 2019-2023 56</p> <p>2. 2018-2022 60</p> <p>3. , 2022-2025 35 ,</p> <p>4. 2020-2020 10</p>	

20			19810 4	41		202201		16	1.Plant communications, 2022, 100471. IF 8.625, 2.Frontiers in Bioengineering and Biotechnology, 2020, 7:460. IF 5.89,	1. () 2022-2026 150 2. Nimble Cloning DNA 2022-2025 10 3. DNA 2020-2023 7 4. DNA 2018- 2019 25	
21			19850 9	37		202001		30	1.Frontiers in Bioengineering and Biotechnology, 2020, 8: 832. IF 5.89, 2.European Journal of Plant Pathology, 2020, 158:583-587. IF 1.907, 3.Peer J, 2020, 8: e8459. IF 2.984, 4.European Journal of Plant Pathology, 2020, 156(4): 1005- 1014. IF 1.907, 5.Transcriptome sequencing method suitable for genome assembly of viruses of nanoviridae and geminiviridae AU 2021100990	1. 2023-2027 100 2.BBTV Clink DNA 2022-2025 10 3. CRISPR 2021-2024 8 4. 2019-2022 45	
22			2E+05	40		201401		30	1.Front. Plant Sci. 2022,13:996981. SCI IF 6.627 2.Int.J.Mol.Sci. 2022, 23, 5212.(SCI IF 6.208) 3.Plants. 2021, 10, 941. (SCI IF 4.658) 4.BMC Plant Biology. (2021) 21:188. (SCI IF 5.761)	1. 2019-2022. 2. 2018-2022. 3. CARS-11-hngjc 2021-2025. 4. MePMEI1 2017-2019 20	

23			19900 6	32		202111	50	<p>1.Ecotoxicology and Environmental Safety, 2021, 225: 112721. IF 7.129, 2.Ecotoxicology and Environmental Safety, 2021, 111967. IF 7.129, 3.Environmental Toxicology and Chemistry, 2022,41(4): 1078-1088. IF 4.218, 4.Ecotoxicology and Environmental Safety, 2018, 165: 630-636. IF 7.129, 5.Plants, 2022, 11(19): 2520. IF 4.658.</p>	<p>1. 2022-2024 100 2. 2023-2025 10</p>		
24			19760 8	46		201901	124	<p>1.Developmental And Comparative Immunology. 2021, 123: 104171. IF 3.636) D 9) (1 () (() , / , 3.Journal of Invertebrate Pathology, 2021,179: 107473. IF 2.841. 4. ZL201810608248.4 5. 2022</p>	<p>1. 2021-2022 85 2. 2021 70 3. 2020-2023 50</p>		
25			19781 0	44		202101	113	<p>1. 2021 2. 2018 + 3. 2019 +D ; E8 G 9) (- (1. - . / // , 5. 2021 38 12 783-792</p>	<p>1. 2022-2025 238 2.FAR 3. 2020-2022 7 3. 2020-2023 10 4. 2021-2022 85</p>		

29			19870 2	35		202201		20	<p>1.BMC Genomics 2019, 20:782. IF 4.547, 2.PLOS ONE 2021, 16(12):e0260747. IF 3.752, 3. 2019 46 5 1110-1120 4. ZL201910650289.4</p>	<p>1. Sarocladium brachiariae HND5 2022-2024 30 2. SbES 2021-2023 30 3. 2017- 2021, 30 4. Sarocladium brachiariae HND5 2019- 2021,10</p>	
30			19830 2	39		201901		36.6	<p>1.Frontiers in Plant Science. 2022, IF 6.627, 2.Frontiers in Plant Science. 2021, 12:6650143 3.Plant Methods. IF 5.827. 4. , , 2019 5. 2022</p>	<p>1. 2022-2024, 90 , 2. CRISPR/Cas9 , 2022-2025, 10 , 3. MYB , 2022-2024, 10 ,</p>	
31			19800 6	42		202001		5	<p>1.Biological acromolecules,2022,217,282-290.IF 8.0,) G) (0 (0 , // . /0+) + 3. 202221784881.7, 4. ZL 201920100831.4,</p>	<p>1. 2021-2024, 5 2. 2022-2022, 10 3. 2021-2021 10</p>	

32			19851 1	37		202103	16.6	<p>1. Journal of Animal Ecology. 2018;87(5):1440-51. IF 5.606.</p> <p>2. Agriculture, Ecosystems & Environment. 2019;281:47-55. IF 6.576.</p> <p>3. . CN113287574B,2022-07-19. ,</p> <p>4. CN113748898B,2022-08-12. ,</p> <p>5. Journal of Pest Science. 2018;91(4):1191-8. IF 5.742,</p>	<p>1. DNA 2021-2022 35</p> <p>2. DNA 2021-2024 5</p> <p>3. DNA 2022-2025 10</p> <p>4. 2021-2023 30</p>		
33			2E+05	33		202001	6	<p>1. ,2022,43(9):1899-1906. .</p> <p>2. ,2022, ,</p> <p>3. ,ZL202022772128.3</p> <p>4. ,ZL202011344995.5,</p> <p>5. ,ZL202011339731.0,</p>	<p>1. 2017-2018 1454.69</p> <p>2. ,2020-2022 16</p> <p>3. 2022-2024, 6</p>		
34			19880 8	34		202209	25	<p>1. The Crop Journal. 2021, 9(1):168-180. IF 4.65,</p> <p>2. Agronomy-Basel. 2020, 10, 461. IF 3.95,</p> <p>3. Agronomy-Basel. 2022, 12(6). IF 3.95,</p> <p>4. Journal of Integrative Agriculture. 2022, 9. IF 4.38,</p>	<p>1. AM 2022-2025, 30</p> <p>2. 2022 2022-2024 15</p> <p>3. 2022 2022 15</p> <p>4. 2022 20.5</p>		

35			19820 2	40		201801		150	1. 2019 2. 2021 3. Euphytica 2021 4. 2021 5. ZL202210874565.7	1. DUS ,40 2022 2. 241.8 2021-2022 3. 25.5 2021- 2022 4. 63 2022-2024	
36			2E+05	45		201401		16	1. 2022 2. 2021 3. 2021	1. 2020-2022 57	
37			2E+05	40		201501		30	1. Frontiers in Plant Science, 2022, 13:893896. IF 6.627, 2. Industrial Crops and Products, 2022, 175: 114278. IF 6.449, 3. Phytopathology, 2019, 109(7): 1236-1245. IF 3.264, 4. 2021. 5. CRISPR/Cas9 1-SST 1-FFT ZL202011140720.X	1. , 2020-2023, 58 2. CRISPR/Cas9 , 2019-2020, 22.6 , 3. 2019-2021 250 4. , 2017-2020, 60 ,	

38			19850 7	37		202201		18	<p>1. Bulletin of Entomological Research, 2022,112(2): 151-161.IF 2.048</p> <p>2. Journal of Insect Science, 2020, 20(1): 6. IF 2.066</p> <p>3. Scientific Reports, 2019, 9: 13291.IF 4.996 1</p> <p>4. , 2020, 63(1): 63-72.</p> <p>5. , 2021, 42(1): 188-197.</p>	<p>1. 2022-2024 50</p> <p>2. DcaeOBP3</p> <p>3. 2019-2020 5</p> <p>4. 2021-2021 5 OBPs</p> <p>2019-2020 10</p>	
39			19881 2	34		202110		21	<p>1. Microbiology Spectrum, 2022,10(2): e0247821.IF 9.043</p> <p>2. Genes 2020, 11, 1134. IF 4.141</p> <p>3. Current Genetics. .IF 2.695,</p>	<p>1. Fusarium oxysporum FoGH28</p> <p>2. 2022-2025 6 HSP40 GhDNAJ1</p> <p>3. 2022-2025 58 /</p> <p>2019-2022, 10</p>	
40			19820 1	40		201701		92.0	<p>1. Plant science, 2022 317 111207. IF 5.363,</p> <p>2. Cells, 2022 11 11101647. IF 7.666,</p> <p>3. NY T 3805- 2020 + 2019</p>	<p>1. 2019-2022 55</p> <p>2. 2020-</p> <p>2023 81</p> <p>3. 2021-2022 130</p> <p>4. 2020-2021 10</p>	

41			2E+05	40		201701		51.6	<p>1.Int. J. Mol. Sci., 2019, 20:2387-2398.IF 4.183</p> <p>2.Plant disease and pests,2019,10(5-6):7-10.</p> <p>3.Plant Diseases and Pests 2020, 11 5-6 : 41-45.</p> <p>4.Plant disease,2022,106 2514-2517.IF 4.614.</p> <p>5. ZL201810257424.4 .2020.</p>	<p>1. 2018-2021 120</p> <p>2. .2020- 2020 20</p> <p>3. 1 2021- 2024 51</p> <p>4. 2021-2025 2021-2022 46.9</p>	
42			2E+05	41		202101		28	<p>1. ,2018,6:1-5</p> <p>2. 2021</p> <p>3.</p> <p>4. 8.1 2019</p> <p>5. 2020</p>	<p>(3</p> <p>2019-2023 900</p> <p>2. 2022 54</p> <p>3. 15 /</p> <p>4. 2021 36</p> <p>2021 15</p>	
43			19810 9	41		201407		37	<p>1.PLoS One. 2022 Aug 25;17(8):e0273495. doi: 10.1371</p> <p>2.PLoS One. 2020 Nov 30;15(11):e0242776. doi: 10.1371.</p> <p>3.Industrial Crops and Products, 2019,130, 606-614.</p> <p>4.Journal of Diseases and Medicinal Plants, 2018; 4(3): 59-68.</p> <p>5. 2020</p>	<p>1. 320RC741. , 2020-2023 7</p> <p>2. 320CXTD444 2020-2023 30</p>	

44			19880 9	34		202201		15	<p>1. 2022,38(5):1809-1823.</p> <p>2. Insect Biochemistry and Molecular Biology, 2018, 100:59-65. IF 4.71,</p> <p>3. 2022100819046</p> <p>4. ABCC2 2022108026396</p>	<p>1. Bt SfABCC2 2022- 2024 30</p> <p>2. SfABCC2 2020- 2022 5</p> <p>3. ABCC2 Bt 2021-2023 10</p> <p>4. SfABCC3 Bt 2021-2024 1</p>	