Ãva Kondorosi

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Plant Peptides Govern Terminal Differentiation of Bacteria in Symbiosis. Science, 2010, 327, 1122-1126.	12.6	525
2	Eukaryotic control on bacterial cell cycle and differentiation in the Rhizobium-legume symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5230-5235.	7.1	414
3	A Novel Family in Medicago truncatula Consisting of More Than 300 Nodule-Specific Genes Coding for Small, Secreted Polypeptides with Conserved Cysteine Motifs,. Plant Physiology, 2003, 132, 161-173.	4.8	350
4	The mitotic inhibitor ccs52 is required for endoreduplication and ploidy-dependent cell enlargement in plants. EMBO Journal, 1999, 18, 4476-4484.	7.8	296
5	Plant cell-size control: growing by ploidy?. Current Opinion in Plant Biology, 2000, 3, 488-492.	7.1	286
6	Rhizobium meliloti produces a family of sulfated lipooligosaccharides exhibiting different degrees of plant host specificity.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 192-196.	7.1	263
7	Physical and genetic analysis of a symbiotic region of Rhizobium meliloti: Identification of nodulation genes. Molecular Genetics and Genomics, 1984, 193, 445-452.	2.4	247
8	Fate map of <i>Medicago truncatula</i> root nodules. Development (Cambridge), 2014, 141, 3517-3528.	2.5	245
9	Natural roles of antimicrobial peptides in microbes, plants and animals. Research in Microbiology, 2011, 162, 363-374.	2.1	232
10	Conservation of extended promoter regions of nodulation genes in Rhizobium. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 1757-1761.	7.1	214
11	Aging in Legume Symbiosis. A Molecular View on Nodule Senescence in Medicago truncatula Â Â. Plant Physiology, 2006, 141, 711-720.	4.8	214
12	Organization, structure and symbiotic function of rhizobium meliloti nodulation genes determining host specificity for alfalfa. Cell, 1986, 46, 335-343.	28.9	211
13	A Paradigm for Endosymbiotic Life: Cell Differentiation of <i>Rhizobium</i> Bacteria Provoked by Host Plant Factors. Annual Review of Microbiology, 2013, 67, 611-628.	7.3	196
14	Cell cycle phase specificity of putative cyclin-dependent kinase variants in synchronized alfalfa cells.. Plant Cell, 1997, 9, 223-235.	6.6	189
15	CDKB1;1 Forms a Functional Complex with CYCA2;3 to Suppress Endocycle Onset Â Â. Plant Physiology, 2009, 150, 1482-1493.	4.8	188
16	The role of ion fluxes in Nod factor signalling in Medicago sativa. Plant Journal, 1998, 13, 455-463.	5.7	186
17	Endoreduplication Mediated by the Anaphase-Promoting Complex Activator CCS52A Is Required for Symbiotic Cell Differentiation in Medicago truncatula Nodules. Plant Cell, 2003, 15, 2093-2105.	6.6	186
18	Atypical E2F activity restrains APC/C ^{CCS52A2} function obligatory for endocycle onset. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14721-14726.	7.1	175

#	Article	IF	Citations
19	Rapid and efficient transformation of diploid Medicago truncatula and Medicago sativa ssp. falcata lines improved in somatic embryogenesis. Plant Cell Reports, 1998, 17, 345-355.	5.6	173
20	APC/C ^{CCS52A} complexes control meristem maintenance in the <i>Arabidopsis</i> root. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11806-11811.	7.1	172
21	Protection of Sinorhizobium against Host Cysteine-Rich Antimicrobial Peptides Is Critical for Symbiosis. PLoS Biology, 2011, 9, e1001169.	5.6	167
22	Nucleotide sequence ofRhizobium melilotinodulation genes. Nucleic Acids Research, 1984, 12, 9509-9524.	14.5	166
23	<i>Medicago truncatula</i> symbiotic peptide NCR247 contributes to bacteroid differentiation through multiple mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5183-5188.	7.1	161
24	3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase1 Interacts with NORK and Is Crucial for Nodulation in <i>Medicago truncatula</i>. Plant Cell, 2007, 19, 3974-3989.	6.6	158
25	Loss of the nodule-specific cysteine rich peptide, NCR169, abolishes symbiotic nitrogen fixation in the <i>Medicago truncatula dnf7</i> mutant. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15232-15237.	7.1	154
26	Structural modifications in Rhizobium meliloti Nod factors influence their stability against hydrolysis by root chitinases. Plant Journal, 1994, 5, 319-330.	5.7	147
27	Differentiation of Symbiotic Cells and Endosymbionts in Medicago truncatula Nodulation Are Coupled to Two Transcriptome-Switches. PLoS ONE, 2010, 5, e9519.	2.5	136
28	enod40 induces dedifferentiation and division of root cortical cells in legumes. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8901-8906.	7.1	134
29	A New Medicago truncatula Line with Superior in Vitro Regeneration, Transformation, and Symbiotic Properties Isolated Through Cell Culture Selection. Molecular Plant-Microbe Interactions, 1997, 10, 307-315.	2.6	132
30	Rapid alkalinization in alfalfa root hairs in response to rhizobial lipochitooligosaccharide signals. Plant Journal, 1996, 10, 295-301.	5.7	128
31	Cell and Molecular Biology of Rhizobium-Plant. International Review of Cytology, 1994, 156, 1-75.	6.2	127
32	Morphotype of bacteroids in different legumes correlates with the number and type of symbiotic NCR peptides. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5041-5046.	7.1	126
33	Positive and negative control of <i>nod</i> gene expression in <i>Rhizobium meliloti</i> is required for optimal nodulation. EMBO Journal, 1989, 8, 1331-1340.	7.8	123
34	Host-secreted antimicrobial peptide enforces symbiotic selectivity in <i>Medicago truncatula</i>. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6854-6859.	7.1	119
35	Nod signal-induced plasma membrane potential changes in alfalfa root hairs are differentially sensitive to structural modifications of the lipochitooligosaccharide. Plant Journal, 1995, 7, 939-947.	5.7	118
36	Genomic Organization and Evolutionary Insights on <i>GRP</i> and <i>NCR</i> Genes, Two Large Nodule-Specific Gene Families in <i>Medicago truncatula</i>. Molecular Plant-Microbe Interactions, 2007, 20, 1138-1148.	2.6	118

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37	The Arabidopsis Anaphase-Promoting Complex or Cyclosome: Molecular and Genetic Characterization of the APC2 Subunit. Plant Cell, 2003, 15, 2370-2382.	6.6	117
38	Endoreduplication and activation of the anaphase-promoting complex during symbiotic cell development. FEBS Letters, 2004, 567, 152-157.	2.8	113
39	Antimicrobial Nodule-Specific Cysteine-Rich Peptides Induce Membrane Depolarization-Associated Changes in the Transcriptome of Sinorhizobium meliloti. Applied and Environmental Microbiology, 2013, 79, 6737-6746.	3.1	112
40	Temperature-dependent transformation of biogas-producing microbial communities points to the increased importance of hydrogenotrophic methanogenesis under thermophilic operation. Bioresource Technology, 2015, 177, 375-380.	9.6	110
41	At least two nodD genes are necessary for efficient nodulation of alfalfa by Rhizobium meliloti. Journal of Molecular Biology, 1986, 191, 411-420.	4.2	109
42	The C₂H₂ Transcription Factor REGULATOR OF SYMBIOSOME DIFFERENTIATION Represses Transcription of the Secretory Pathway Gene <i>VAMP721a</i> and Promotes Symbiosome Development in <i>Medicago truncatula</i>. Plant Cell, 2013, 25, 3584-3601.	6.6	109
43	Analysis of Medicago truncatula Nodule Expressed Sequence Tags. Molecular Plant-Microbe Interactions, 2000, 13, 62-71.	2.6	107
44	Elevation of the Cytosolic Free [Ca2+] Is Indispensable for the Transduction of the Nod Factor Signal in Alfalfa. Plant Physiology, 1999, 121, 273-280.	4.8	105
45	Biosynthesis of lipooligosaccharide nodulation factors: Rhizobium NodA protein is involved in N-acylation of the chitooligosaccharide backbone.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3122-3126.	7.1	103
46	Mobilization of a Rhizobium meliloti megaplasmid carrying nodulation and nitrogen fixation genes into other rhizobia and Agrobacterium. Molecular Genetics and Genomics, 1982, 188, 433-439.	2.4	98
47	Two cell-cycle regulated SET-domain proteins interact with proliferating cell nuclear antigen (PCNA) in Arabidopsis. Plant Journal, 2006, 47, 395-407.	5.7	97
48	Bacteroid Development in Legume Nodules: Evolution of Mutual Benefit or of Sacrificial Victims?. Molecular Plant-Microbe Interactions, 2011, 24, 1300-1309.	2.6	96
49	The Medicago Species A2-Type Cyclin Is Auxin Regulated and Involved in Meristem Formation But Dispensable for Endoreduplication-Associated Developmental Programs. Plant Physiology, 2003, 131, 1091-1103.	4.8	95
50	Plant cysteine-rich peptides that inhibit pathogen growth and control rhizobial differentiation in legume nodules. Current Opinion in Plant Biology, 2015, 26, 57-63.	7.1	92
51	Identification of NolR, a negative transacting factor controlling the nod regulon in Rhizobium meliloti. Journal of Molecular Biology, 1991, 222, 885-896.	4.2	91
52	Cell cycle function of a Medicago sativa A2-type cyclin interacting with a PSTAIRE-type cyclin-dependent kinase and a retinoblastoma protein. Plant Journal, 2000, 23, 73-83.	5.7	86
53	Arabidopsis Anaphase-Promoting Complexes: Multiple Activators and Wide Range of Substrates Might Keep APC Perpetually Busy. Cell Cycle, 2005, 4, 4084-4092.	2.6	85
54	Nitrogen-fixing Rhizobium-legume symbiosis: are polyploidy and host peptide-governed symbiont differentiation general principles of endosymbiosis?. Frontiers in Microbiology, 2014, 5, 326.	3.5	84

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55	In vitro sulfotransferase activity of Rhizobium meliloti NodH protein: lipochitooligosaccharide nodulation signals are sulfated after synthesis of the core structure.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 2706-2709.	7.1	81
56	Cell cycle regulation in the course of nodule organogenesis in Medicago. , 2000, 43, 773-786.		81
57	Lipo-chitooligosaccharide Nodulation Signals from Rhizobium meliloti Induce Their Rapid Degradation by the Host Plant Alfalfa. Plant Physiology, 1995, 108, 1607-1614.	4.8	80
58	Comparative Analysis of the Bacterial Membrane Disruption Effect of Two Natural Plant Antimicrobial Peptides. Frontiers in Microbiology, 2017, 8, 51.	3.5	80
59	Rhizobium meliloti carries two megaplasmids. Plasmid, 1985, 13, 129-138.	1.4	77
60	The Endosymbiosis-Induced Genes ENOD40 and CCS52a Are Involved in Endoparasitic-Nematode Interactions in Medicago truncatula. Molecular Plant-Microbe Interactions, 2002, 15, 1008-1013.	2.6	77
61	Bacterial symbionts enhance photo-fermentative hydrogen evolution of Chlamydomonas algae. Green Chemistry, 2014, 16, 4716-4727.	9.0	75
62	Exploitation of algal-bacterial associations in a two-stage biohydrogen and biogas generation process. Biotechnology for Biofuels, 2015, 8, 59.	6.2	75
63	Alfalfa Enod12 Genes Are Differentially Regulated during Nodule Development by Nod Factors and Rhizobium Invasion. Plant Physiology, 1994, 105, 585-592.	4.8	74
64	Specialization of CDC27 function in the <i>Arabidopsis thaliana</i> anaphaseâ€promoting complex (APC/C). Plant Journal, 2008, 53, 78-89.	5.7	74
65	<i>Bradyrhizobium</i> BclA Is a Peptide Transporter Required for Bacterial Differentiation in Symbiosis with <i>Aeschynomene</i> Legumes. Molecular Plant-Microbe Interactions, 2015, 28, 1155-1166.	2.6	74
66	Two Classes of the Cdh1-Type Activators of the Anaphase-Promoting Complex in Plants: Novel Functional Domains and Distinct Regulation[W]. Plant Cell, 2004, 16, 422-434.	6.6	73
67	Conserved CDC20 Cell Cycle Functions Are Carried out by Two of the Five Isoforms in Arabidopsis thaliana. PLoS ONE, 2011, 6, e20618.	2.5	71
68	Extreme specificity of NCR gene expression in Medicago truncatula. BMC Genomics, 2014, 15, 712.	2.8	70
69	Distinct response of Medicago suspension cultures and roots to Nod factors and chitin oligomers in the elicitation of defense-related responses. Plant Journal, 1997, 11, 277-287.	5.7	69
70	Genetic Organization and Transcriptional Regulation of Rhizobial Nodulation Genes. , 1998, , 361-386.		64
71	Gene Expression in Nitrogen-Fixing Symbiotic Nodule Cells in <i>Medicago truncatula</i> and Other Nodulating Plants. Plant Cell, 2020, 32, 42-68.	6.6	63
72	Regeneration of diploid annual medics via direct somatic embryogenesis promoted by thidiazuron and benzylaminopurine. Plant Cell Reports, 1999, 18, 904-910.	5.6	62

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73	How Alfalfa Root Hairs Discriminate between Nod Factors and Oligochitin Elicitors. Plant Physiology, 2000, 124, 1373-1380.	4.8	60
74	The Medicago CDKC;1-CYCLINT;1 kinase complex phosphorylates the carboxy-terminal domain of RNA polymerase II and promotes transcription. Plant Journal, 2005, 42, 810-820.	5.7	60
75	The late steps of plant nonsenseâ€mediated <scp>mRNA</scp> decay. Plant Journal, 2013, 73, 50-62.	5.7	54
76	Mapping of the protein-coding regions of <i>Rhizobium meliloti</i> common nodulation genes. EMBO Journal, 1984, 3, 1705-1711.	7.8	53
77	Involvement of the syrM and nodD3 genes of Rhizobium meliloti in nod gene activation and in optimal nodulation of the plant host. Molecular Microbiology, 1991, 5, 3035-3048.	2.5	53
78	T-DNA tagging in the model legume Medicago truncatula allows efficient gene discovery. Molecular Breeding, 2002, 10, 203-215.	2.1	53
79	NolR controls expression of the Rhizobium meliloti nodulation genes involved in the core Nod factor synthesis. Molecular Microbiology, 2006, 15, 733-747.	2.5	53
80	Arabidopsis anaphase-promoting complexes: multiple activators and wide range of substrates might keep APC perpetually busy. Cell Cycle, 2005, 4, 1084-92.	2.6	53
81	Seven in Absentia Proteins Affect Plant Growth and Nodulation in<i>Medicago truncatula</i>Â Â. Plant Physiology, 2008, 148, 369-382.	4.8	52
82	Plant chitinase/lysozyme isoforms show distinct substrate specificity and cleavage site preference towards lipochitooligosaccharide Nod signals. Plant Journal, 1998, 16, 571-580.	5.7	51
83	Transcriptional activation of tobacco E2F is repressed by co-transfection with the retinoblastoma-related protein: cyclin D expression overcomes this repressor activity. Plant Molecular Biology, 2005, 57, 83-100.	3.9	50
84	Ploidy-dependent changes in the epigenome of symbiotic cells correlate with specific patterns of gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4543-4548.	7.1	50
85	Expression of the nodulation gene <i>nod C</i> of <i>Rhizobium meliloti</i> in <i>Escherichia coli</i> : role of the <i>nod C</i> gene product in nodulation. EMBO Journal, 1985, 4, 2425-2430.	7.8	49
86	Glycine-Rich Proteins Encoded by a Nodule-Specific Gene Family Are Implicated in Different Stages of Symbiotic Nodule Development in Medicago Spp.. Molecular Plant-Microbe Interactions, 2002, 15, 922-931.	2.6	49
87	Terminal Bacteroid Differentiation Is Associated With Variable Morphological Changes in Legume Species Belonging to the Inverted Repeat-Lacking Clade. Molecular Plant-Microbe Interactions, 2016, 29, 210-219.	2.6	49
88	Specific Host-Responsive Associations Between <i>Medicago truncatula</i> Accessions and <i>Sinorhizobium</i> Strains. Molecular Plant-Microbe Interactions, 2017, 30, 399-409.	2.6	49
89	ENOD12, an early nodulin gene, is not required for nodule formation and efficient nitrogen fixation in alfalfa.. Plant Cell, 1994, 6, 201-213.	6.6	47
90	Nod factors modulate the concentration of cytosolic free calcium differently in growing and non-growing root hairs of Medicago sativa L.. Planta, 1999, 209, 207-212.	3.2	47

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91	Nod Factors of Rhizobium leguminosarum bv. viciae and Their Fucosylated Derivatives Stimulate a Nod Factor Cleaving Activity in Pea Roots and Are Hydrolyzed In Vitro by Plant Chitinases at Different Rates. Molecular Plant-Microbe Interactions, 2000, 13, 799-807.	2.6	47
92	Identification of two alfalfa early nodulin genes with homology to members of the pea Enod12 gene family. Plant Molecular Biology, 1993, 21, 375-380.	3.9	45
93	Construction and characterization of R-prime plasmids carrying symbiotic genes of R. meliloti. Molecular Genetics and Genomics, 1983, 189, 129-135.	2.4	44
94	Rhizobium nodM and nodN genes are common nod genes: nodM encodes functions for efficiency of nod signal production and bacteroid maturation. Journal of Bacteriology, 1992, 174, 7555-7565.	2.2	44
95	Impact of Plant Peptides on Symbiotic Nodule Development and Functioning. Frontiers in Plant Science, 2018, 9, 1026.	3.6	44
96	Revealing the factors influencing a fermentative biohydrogen production process using industrial wastewater as fermentation substrate. Biotechnology for Biofuels, 2014, 7, 139.	6.2	43
97	Antimicrobial nodule-specific cysteine-rich peptides disturb the integrity of bacterial outer and inner membranes and cause loss of membrane potential. Annals of Clinical Microbiology and Antimicrobials, 2016, 15, 43.	3.8	43
98	Identification ofnolR-regulated proteins inSinorhizobium meliloti using proteome analysis. Electrophoresis, 2000, 21, 3823-3832.	2.4	42
99	Transformation of floral organs with GFP in Medicago truncatula. Plant Cell Reports, 2000, 19, 647-653.	5.6	42
100	Cloning of a WD-repeat-containing gene from alfalfa (Medicago sativa): a role in hormone-mediated cell division?. Plant Molecular Biology, 1997, 34, 771-780.	3.9	41
101	Ubiquitin-Mediated Proteolysis. To Be in the Right Place at the Right Moment during Nodule Development. Plant Physiology, 2005, 137, 1197-1204.	4.8	39
102	Complementary and doseâ€dependent action of <scp>A</scp>t<scp>CCS</scp>52<scp>A</scp> isoforms in endoreduplication and plant size control. New Phytologist, 2013, 198, 1049-1059.	7.3	39
103	Isolation of a full-length mitotic cyclin cDNA clone CycIIIMs from Medicago sativa: Chromosomal mapping and expression. Plant Molecular Biology, 1995, 27, 1059-1070.	3.9	37
104	Identification of noduleâ€specific cysteineâ€rich plant peptides in endosymbiotic bacteria. Proteomics, 2015, 15, 2291-2295.	2.2	37
105	Conservation of nolR in the Sinorhizobium and Rhizobium Genera of the Rhizobiaceae Family. Molecular Plant-Microbe Interactions, 1998, 11, 1186-1195.	2.6	36
106	Nodule induction on plant roots by Rhizobium. Trends in Biochemical Sciences, 1986, 11, 296-299.	7.5	34
107	Antimicrobial Activity of NCR Plant Peptides Strongly Depends on the Test Assays. Frontiers in Microbiology, 2018, 9, 2600.	3.5	33
108	N-Deacetylation of Sinorhizobium meliloti Nod Factors Increases Their Stability in the Medicago sativa Rhizosphere and Decreases Their Biological Activity. Molecular Plant-Microbe Interactions, 2000, 13, 72-79.	2.6	32

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109	Nuclear DNA Endoreduplication and Expression of the Mitotic Inhibitor Ccs52 Associated to Determinate and Lupinoid Nodule Organogenesis. Molecular Plant-Microbe Interactions, 2006, 19, 173-180.	2.6	32
110	Molecular cloning of a bifunctional -xylosidase/Â-L-arabinosidase from alfalfa roots: heterologous expression in Medicago truncatula and substrate specificity of the purified enzyme. Journal of Experimental Botany, 2007, 58, 2799-2810.	4.8	32
111	Symbiotic Plant Peptides Eliminate<i>Candida albicans</i>Both<i>In Vitro</i>and in an Epithelial Infection Model and Inhibit the Proliferation of Immortalized Human Cells. BioMed Research International, 2014, 2014, 1-9.	1.9	31
112	Boron and calcium induce major changes in gene expression during legume nodule organogenesis. Does boron have a role in signalling?. New Phytologist, 2012, 195, 14-19.	7.3	30
113	An insertional point mutation inactivates NolR repressor in Rhizobium meliloti 1021. Journal of Bacteriology, 1994, 176, 518-519.	2.2	29
114	FISH Chromosome Mapping Allowing Karyotype Analysis in Medicago truncatula Lines Jemalong J5 and R-108-1. Molecular Plant-Microbe Interactions, 1999, 12, 947-950.	2.6	28
115	Functional Genomic Analysis of Global Regulator NolR in Sinorhizobium meliloti. Molecular Plant-Microbe Interactions, 2005, 18, 1340-1352.	2.6	28
116	Identification of host range determinants in the Rhizobium species MPIK3030. Molecular Genetics and Genomics, 1986, 203, 42-48.	2.4	27
117	A Second Soluble Hox-Type NiFe Enzyme Completes the Hydrogenase Set in <i>Thiocapsa roseopersicina</i> BBS. Applied and Environmental Microbiology, 2010, 76, 5113-5123.	3.1	26
118	Positive involvemetn of ppGpp in derepression of the nif operon in Klebsiella pneumoniae. Molecular Genetics and Genomics, 1982, 185, 198-204.	2.4	25
119	Identification and cloning of nodulation genes from the wide host range Rhizobium strain MPIK3030. Molecular Genetics and Genomics, 1985, 199, 271-278.	2.4	25
120	Bigfoot: a new family of MITE elements characterized from the Medicago genus. Plant Journal, 1999, 18, 431.	5.7	25
121	Innate immunity effectors and virulence factors in symbiosis. Current Opinion in Microbiology, 2011, 14, 76-81.	5.1	24
122	Unexplored Arsenals of Legume Peptides With Potential for Their Applications in Medicine and Agriculture. Frontiers in Microbiology, 2020, 11, 1307.	3.5	21
123	Transcriptome analysis of a bacterially induced basal and hypersensitive response of Medicago truncatula. Plant Molecular Biology, 2009, 70, 627-646.	3.9	19
124	Simultaneous biohydrogen production and wastewater treatment based on the selective enrichment of the fermentation ecosystem. International Journal of Hydrogen Energy, 2014, 39, 1502-1510.	7.1	19
125	Mitotic B-type cyclins are differentially regulated by phytohormones and during yellow lupine nodule development. Plant Science, 2000, 150, 29-39.	3.6	16
126	Interaction ofÂcysteine-rich cationic antimicrobial peptides with intact bacteria andÂmodel membranes. General Physiology and Biophysics, 2015, 34, 135-144.	0.9	16

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127	Potent Chimeric Antimicrobial Derivatives of the Medicago truncatula NCR247 Symbiotic Peptide. Frontiers in Microbiology, 2020, 11, 270.	3.5	15
128	The Role of Calcium in Lymphocyte Activation by the Ionophore A23187 and Phytohaemagglutinin. Biochemical Society Transactions, 1977, 5, 967-970.	3.4	14
129	The Role of Nodulation Genes in Bacterium-Plant Communication. , 1991, 13, 115-136.		14
130	The expression of inflammatory cytokines, <scp>TAM</scp> tyrosine kinase receptors and their ligands is upregulated in venous leg ulcer patients: a novel insight into chronic wound immunity. International Wound Journal, 2016, 13, 554-562.	2.9	13
131	Why Should Nodule Cysteine-Rich (NCR) Peptides Be Absent From Nodules of Some Groups of Legumes but Essential for Symbiotic N-Fixation in Others?. Frontiers in Agronomy, 2021, 3, .	3.3	13
132	Sinorhizobium meliloti Functions Required for Resistance to Antimicrobial NCR Peptides and Bacteroid Differentiation. MBio, 2021, 12, e0089521.	4.1	13
133	Identification And Organization Of Rhizobium Meliloti Genes Relevant To The Initiation And Development Of Nodules. Current Plant Science and Biotechnology in Agriculture, 1985, , 73-78.	0.0	13
134	Introduction of foreign genetic material into cultured mammalian cells by liposomes loaded with isolated nuclei. FEBS Letters, 1980, 120, 37-40.	2.8	12
135	An Acidophilic Bacterial-Archaeal-Fungal Ecosystem Linked to Formation of Ferruginous Crusts and Stalactites. Geomicrobiology Journal, 2014, 31, 407-418.	2.0	12
136	Complete Genome Sequence of Propionibacterium avidum Strain 44067, Isolated from a Human Skin Abscess. Genome Announcements, 2013, 1, .	0.8	10
137	Genome Wide Transcriptome Analysis of Dendritic Cells Identifies Genes with Altered Expression in Psoriasis. PLoS ONE, 2013, 8, e73435.	2.5	9
138	An anthocyanin marker for direct visualization of plant transformation and its use to study nitrogen-fixing nodule development. Journal of Plant Research, 2019, 132, 695-703.	2.4	9
139	Optimal conditions for the separation of rat T lymphocytes on anti-immunoglobulin-immunoglobulin affinity columns. Journal of Immunological Methods, 1977, 16, 1-13.	1.4	8
140	Characteristics of Bacteroids in Indeterminate Nodules of the Leguminous Tree Leucaena glauca. Microbes and Environments, 2011, 26, 156-159.	1.6	8
141	Anti-chlamydial effect of plant peptides. Acta Microbiologica Et Immunologica Hungarica, 2014, 61, 229-239.	0.8	8
142	Infection of cells with Sindbis virus nucleocapsids entrapped into liposomes. Biochemical and Biophysical Research Communications, 1982, 107, 367-373.	2.1	7
143	The Porto European Cancer Research Summit 2021. Molecular Oncology, 2021, 15, 2507-2543.	4.6	7
144	Symbiotic NCR Peptide Fragments Affect the Viability, Morphology and Biofilm Formation of Candida Species. International Journal of Molecular Sciences, 2021, 22, 3666.	4.1	6

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145	Legume Plant Peptides as Sources of Novel Antimicrobial Molecules Against Human Pathogens. Frontiers in Molecular Biosciences, 0, 9, .	3.5	6
146	Unlocking the Door to Invasion. Science, 2011, 331, 865-866.	12.6	5
147	The complete genome sequence of Ensifer meliloti strain CCMM B554 (FSM-MA), a highly effective nitrogen-fixing microsymbiont of Medicago truncatula Gaertn. Standards in Genomic Sciences, 2017, 12, 75.	1.5	3
148	Cell Cycle and Symbiosis. Current Plant Science and Biotechnology in Agriculture, 2005, , 147-151.	0.0	3
149	Cell Cycle Control in Root Nodule Organogenesis. , 2000, , 223-226.		2
150	The Absence of N-Acetyl-D-glucosamine Causes Attenuation of Virulence of<i>Candida albicans</i>upon Interaction with Vaginal Epithelial Cells<i>In Vitro</i>. BioMed Research International, 2015, 2015, 1-13.	1.9	2
151	Controlling Symbiotic Microbes with Antimicrobial Peptides. ACS Symposium Series, 2012, , 215-233.	0.5	1
152	Host Specific Signal Molecules Involved in Symbiotic Root Nodule Organogenesis. Biotechnology and Biotechnological Equipment, 1994, 8, 56-63.	1.3	0
153	Cell cycle regulation in the course of nodule organogenesis in Medicago. , 2000, , 229-242.		0