

Vincenzo Scarlato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9205506/publications.pdf>

Version: 2024-02-01

103
papers

6,447
citations

87401

40
h-index

75989

78
g-index

119
all docs

119
docs citations

119
times ranked

4850
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting of Regulators as a Promising Approach in the Search for Novel Antimicrobial Agents. <i>Microorganisms</i> , 2022, 10, 185.	1.6	12
2	<i>Moraxella catarrhalis</i> evades neutrophil oxidative stress responses providing a safer niche for nontypeable <i>Haemophilus influenzae</i> . <i>iScience</i> , 2022, 25, 103931.	1.9	5
3	Multilayer Regulation of <i>Neisseria meningitidis</i> NHBA at Physiologically Relevant Temperatures. <i>Microorganisms</i> , 2022, 10, 834.	1.6	1
4	Targeting the Essential Transcription Factor HP1043 of <i>Helicobacter pylori</i> : A Drug Repositioning Study. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	4
5	Deconvolution of intergenic polymorphisms determining high expression of Factor H binding protein in meningococcus and their association with invasive disease. <i>PLoS Pathogens</i> , 2021, 17, e1009461.	2.1	4
6	Definition of the Binding Architecture to a Target Promoter of HP1043, the Essential Master Regulator of <i>Helicobacter pylori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7848.	1.8	8
7	Feeling the Heat: The <i>Campylobacter jejuni</i> HrcA Transcriptional Repressor Is an Intrinsic Protein Thermosensor. <i>Biomolecules</i> , 2021, 11, 1413.	1.8	4
8	Cooperative Regulation of <i>Campylobacter jejuni</i> Heat-Shock Genes by HspR and HrcA. <i>Microorganisms</i> , 2020, 8, 1161.	1.6	4
9	The <i>Helicobacter pylori</i> HspR-Modulator CbpA Is a Multifunctional Heat-Shock Protein. <i>Microorganisms</i> , 2020, 8, 251.	1.6	3
10	<i>Helicobacter pylori</i> Stress-Response: Definition of the HrcA Regulon. <i>Microorganisms</i> , 2019, 7, 436.	1.6	11
11	Absence of Protein A Expression Is Associated With Higher Capsule Production in Staphylococcal Isolates. <i>Frontiers in Microbiology</i> , 2019, 10, 863.	1.5	16
12	Roles and Regulation of the Heat Shock Proteins of the Major Human Pathogen <i>Helicobacter pylori</i> . <i>Heat Shock Proteins</i> , 2018, , 411-427.	0.2	0
13	The <i>Helicobacter pylori</i> Heat-Shock Repressor HspR: Definition of Its Direct Regulon and Characterization of the Cooperative DNA-Binding Mechanism on Its Own Promoter. <i>Frontiers in Microbiology</i> , 2018, 9, 1887.	1.5	9
14	The Interplay between Two Transcriptional Repressors and Chaperones Orchestrates <i>Helicobacter pylori</i> Heat-Shock Response. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1702.	1.8	10
15	Regulation of heat-shock genes in bacteria: from signal sensing to gene expression output. <i>FEMS Microbiology Reviews</i> , 2017, 41, 549-574.	3.9	140
16	Insight into the essential role of the <i>Helicobacter pylori</i> HP1043 orphan response regulator: genome-wide identification and characterization of the DNA-binding sites. <i>Scientific Reports</i> , 2017, 7, 41063.	1.6	34
17	HexR Controls Glucose-Responsive Genes and Central Carbon Metabolism in <i>Neisseria meningitidis</i> . <i>Journal of Bacteriology</i> , 2016, 198, 644-654.	1.0	16
18	Global Transcriptome Analysis Reveals Small RNAs Affecting <i>Neisseria meningitidis</i> Bacteremia. <i>PLoS ONE</i> , 2015, 10, e0126325.	1.1	23

#	ARTICLE	IF	CITATIONS
19	FeON-FeOFF: the <i>Helicobacter pylori</i> Fur regulator commutates iron-responsive transcription by discriminative readout of opposed DNA grooves. <i>Nucleic Acids Research</i> , 2014, 42, 3138-3151.	6.5	38
20	The <i>HrcA</i> repressor is the thermosensor of the heat shock regulatory circuit in the human pathogen <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2014, 92, 910-920.	1.2	26
21	In Depth Analysis of the <i>Helicobacter pylori</i> <i>cag</i> Pathogenicity Island Transcriptional Responses. <i>PLoS ONE</i> , 2014, 9, e98416.	1.1	25
22	In the NadR Regulon, Adhesins and Diverse Meningococcal Functions Are Regulated in Response to Signals in Human Saliva. <i>Journal of Bacteriology</i> , 2012, 194, 460-474.	1.0	28
23	A Convenient and Robust <i>In Vivo</i> Reporter System To Monitor Gene Expression in the Human Pathogen <i>Helicobacter pylori</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 6524-6533.	1.4	16
24	A novel Hfq-dependent sRNA that is under FNR control and is synthesized in oxygen limitation in <i>Neisseria meningitidis</i> . <i>Molecular Microbiology</i> , 2011, 80, 507-523.	1.2	34
25	Identification of the <i>in vitro</i> target of an iron-responsive AraC-like protein from <i>Neisseria meningitidis</i> that is in a regulatory cascade with Fur. <i>Microbiology (United Kingdom)</i> , 2011, 157, 2235-2247.	0.7	10
26	CbpA Acts as a Modulator of HspR Repressor DNA Binding Activity in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5629-5636.	1.0	14
27	<i>In Vivo</i> Recognition of the <i>fecA3</i> Target Promoter by <i>Helicobacter pylori</i> NikR. <i>Journal of Bacteriology</i> , 2011, 193, 1131-1141.	1.0	15
28	Regulatory circuits in <i>Helicobacter pylori</i> : network motifs and regulators involved in metal-dependent responses. <i>FEMS Microbiology Reviews</i> , 2010, 34, 738-752.	3.9	59
29	Expression of Factor H Binding Protein of <i>Meningococcus</i> Responds to Oxygen Limitation through a Dedicated FNR-Regulated Promoter. <i>Journal of Bacteriology</i> , 2010, 192, 691-701.	1.0	36
30	Built Shallow to Maintain Homeostasis and Persistent Infection: Insight into the Transcriptional Regulatory Network of the Gastric Human Pathogen <i>Helicobacter pylori</i> . <i>PLoS Pathogens</i> , 2010, 6, e1000938.	2.1	47
31	The RNA Chaperone Hfq Is Involved in Stress Response and Virulence in <i>Neisseria meningitidis</i> and Is a Pleiotropic Regulator of Protein Expression. <i>Infection and Immunity</i> , 2009, 77, 1842-1853.	1.0	84
32	A Novel Phase Variation Mechanism in the <i>Meningococcus</i> Driven by a Ligand-Responsive Repressor and Differential Spacing of Distal Promoter Elements. <i>PLoS Pathogens</i> , 2009, 5, e1000710.	2.1	78
33	The Hfq-Dependent Small Noncoding RNA NrrF Directly Mediates Fur-Dependent Positive Regulation of Succinate Dehydrogenase in <i>Neisseria meningitidis</i> . <i>Journal of Bacteriology</i> , 2009, 191, 1330-1342.	1.0	54
34	Growth Phase and Metal-Dependent Transcriptional Regulation of the <i>fecA</i> Genes in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2009, 191, 3717-3725.	1.0	37
35	OxyR tightly regulates catalase expression in <i>Neisseria meningitidis</i> through both repression and activation mechanisms. <i>Molecular Microbiology</i> , 2008, 70, 1152-1165.	1.2	51
36	High-Affinity Ni ²⁺ Binding Selectively Promotes Binding of <i>Helicobacter pylori</i> NikR to Its Target Urease Promoter. <i>Journal of Molecular Biology</i> , 2008, 383, 1129-1143.	2.0	63

#	ARTICLE	IF	CITATIONS
37	Transcriptional Regulation of Stress Response and Motility Functions in <i>Helicobacter pylori</i> Is Mediated by HspR and HrcA. <i>Journal of Bacteriology</i> , 2007, 189, 7234-7243.	1.0	47
38	Expression, purification and characterization of the membrane-associated HrcA repressor protein of <i>Helicobacter pylori</i> . <i>Protein Expression and Purification</i> , 2007, 51, 267-275.	0.6	19
39	The Ni ²⁺ binding properties of <i>Helicobacter pylori</i> NikR. <i>Chemical Communications</i> , 2007, , 3649.	2.2	47
40	In Vivo Dissection of the <i>Helicobacter pylori</i> Fur Regulatory Circuit by Genome-Wide Location Analysis. <i>Journal of Bacteriology</i> , 2006, 188, 4654-4662.	1.0	86
41	Effect of <i>Neisseria meningitidis</i> Fur Mutations on Global Control of Gene Transcription. <i>Journal of Bacteriology</i> , 2006, 188, 2483-2492.	1.0	56
42	Mechanisms of Transcription Activation Exerted by GadX and GadW at the gadA and gadBC Gene Promoters of the Glutamate-Based Acid Resistance System in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8118-8127.	1.0	65
43	In Vitro Analysis of Protein-Operator Interactions of the NikR and Fur Metal-Responsive Regulators of Coregulated Genes in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2005, 187, 7703-7715.	1.0	89
44	Phosphate flow in the chemotactic response system of <i>Helicobacter pylori</i> . <i>Microbiology (United Kingdom)</i> , 2005, 155, 107-115.	0.7	55
45	CrgA Is an Inducible LysR-Type Regulator of <i>Neisseria meningitidis</i> , Acting both as a Repressor and as an Activator of Gene Transcription. <i>Journal of Bacteriology</i> , 2005, 187, 3421-3430.	1.0	58
46	Acid-Induced Activation of the Urease Promoters Is Mediated Directly by the ArsRS Two-Component System of <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , 2005, 73, 6437-6445.	1.0	86
47	Dual Control of <i>Helicobacter pylori</i> Heat Shock Gene Transcription by HspR and HrcA. <i>Journal of Bacteriology</i> , 2004, 186, 2956-2965.	1.0	34
48	Fur functions as an activator and as a repressor of putative virulence genes in <i>Neisseria meningitidis</i> . <i>Molecular Microbiology</i> , 2004, 52, 1081-1090.	1.2	168
49	An anti-repression Fur operator upstream of the promoter is required for iron-mediated transcriptional autoregulation in <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2003, 50, 1329-1338.	1.2	38
50	The Iron-Responsive Regulator Fur Is Transcriptionally Autoregulated and Not Essential in <i>Neisseria meningitidis</i> . <i>Journal of Bacteriology</i> , 2003, 185, 6032-6041.	1.0	41
51	Growth Phase-Dependent Regulation of Target Gene Promoters for Binding of the Essential Orphan Response Regulator HP1043 of <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2002, 184, 4800-4810.	1.0	56
52	Characterization of the HspR-Mediated Stress Response in <i>Helicobacter pylori</i> . <i>Journal of Bacteriology</i> , 2002, 184, 2925-2930.	1.0	27
53	In vitro selection of high affinity HspR-binding sites within the genome of <i>Helicobacter pylori</i> . <i>Gene</i> , 2002, 283, 63-69.	1.0	15
54	The Fur repressor controls transcription of iron-activated and -repressed genes in <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2002, 42, 1297-1309.	1.2	167

#	ARTICLE	IF	CITATIONS
55	Autoregulation of <i>Helicobacter pylori</i> Fur revealed by functional analysis of the iron-binding site. <i>Molecular Microbiology</i> , 2002, 46, 1107-1122.	1.2	68
56	Regulation of transcription in <i>Helicobacter pylori</i> : simple systems or complex circuits?. <i>International Journal of Medical Microbiology</i> , 2001, 291, 107-117.	1.5	48
57	Mu-Like Prophage in Serogroup B <i>Neisseria meningitidis</i> Coding for Surface-Exposed Antigens. <i>Infection and Immunity</i> , 2001, 69, 2580-2588.	1.0	47
58	Iron-Dependent Transcription of the <i>frpB</i> Gene of <i>Helicobacter pylori</i> Is Controlled by the Fur Repressor Protein. <i>Journal of Bacteriology</i> , 2001, 183, 4932-4937.	1.0	71
59	A common conserved amino acid motif module shared by bacterial and intercellular adhesins: bacterial adherence mimicking cell-cell recognition?. <i>Microbiology (United Kingdom)</i> , 2001, 147, 250-252.	0.7	14
60	Complete Genome Sequence of <i>Neisseria meningitidis</i> Serogroup B Strain MC58. <i>Science</i> , 2000, 287, 1809-1815.	6.0	1,083
61	Identification of Vaccine Candidates Against Serogroup B Meningococcus by Whole-Genome Sequencing. <i>Science</i> , 2000, 287, 1816-1820.	6.0	1,258
62	The autoregulatory HspR repressor protein governs chaperone gene transcription in <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 1999, 34, 663-674.	1.2	71
63	Motility of <i>Helicobacter pylori</i> Is Coordinately Regulated by the Transcriptional Activator FlgR, an NtrC Homolog. <i>Journal of Bacteriology</i> , 1999, 181, 593-599.	1.0	129
64	Functional analysis of the <i>Helicobacter pylori</i> principal sigma subunit of RNA polymerase reveals that the spacer region is important for efficient transcription. <i>Molecular Microbiology</i> , 1998, 30, 121-134.	1.2	40
65	7.6 Molecular Genetics of <i>Bordetella Pertussis</i> Virulence. <i>Methods in Microbiology</i> , 1998, 27, 395-406.	0.4	0
66	Identification and characterization of an operon of <i>Helicobacter pylori</i> that is involved in motility and stress adaptation. <i>Journal of Bacteriology</i> , 1997, 179, 4676-4683.	1.0	99
67	Transcriptional analysis of the divergent <i>cagAB</i> genes encoded by the pathogenicity island of <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 1997, 26, 361-372.	1.2	56
68	Genetic Detoxification of Bacterial Toxins. , 1996, 4, 91-110.		0
69	DNA binding of the <i>Bordetella pertussis</i> H1 homolog alters in vitro DNA flexibility. <i>Journal of Bacteriology</i> , 1996, 178, 2982-2985.	1.0	7
70	A new gene locus of <i>Bordetella pertussis</i> defines a novel family of prokaryotic transcriptional accessory proteins. <i>Journal of Bacteriology</i> , 1996, 178, 4445-4452.	1.0	42
71	Differential binding of BvgA to two classes of virulence genes of <i>Bordetella pertussis</i> directs promoter selectivity by RNA polymerase. <i>Molecular Microbiology</i> , 1996, 21, 557-565.	1.2	53
72	The pertussis toxin liberation genes of <i>Bordetella pertussis</i> are transcriptionally linked to the pertussis toxin operon. <i>Infection and Immunity</i> , 1996, 64, 1458-1460.	1.0	8

#	ARTICLE	IF	CITATIONS
73	A novel chromatin-forming histone H1 homologue is encoded by a dispensable and growth-regulated gene in <i>Bordetella pertussis</i> . <i>Molecular Microbiology</i> , 1995, 15, 871-881.	1.2	21
74	Response of the <i>bvg</i> regulon of <i>Bordetella pertussis</i> to different temperatures and short-term temperature shifts. <i>Microbiology (United Kingdom)</i> , 1995, 141, 2529-2534.	0.7	48
75	Transcriptional regulation in the <i>Chlamydia trachomatis</i> pCT plasmid. <i>Gene</i> , 1995, 154, 93-98.	1.0	25
76	Mutations in the linker region of <i>Bvgs</i> abolish response to environmental signals for the regulation of the virulence factors in <i>bordetella pertussis</i> . <i>Gene</i> , 1995, 155, 147.	1.0	0
77	Bacteriophage T4 gene 28. <i>DNA Sequence</i> , 1995, 5, 199-201.	0.7	0
78	Mutations in the linker region of <i>BvgS</i> abolish response to environmental signals for the regulation of the virulence factors in <i>Bordetella pertussis</i> . <i>Gene</i> , 1994, 150, 123-127.	1.0	31
79	Environmental regulation of virulence factors in <i>Bordetella</i> species. <i>BioEssays</i> , 1993, 15, 99-104.	1.2	32
80	Transcriptional analysis of the <i>Chlamydia trachomatis</i> plasmid pCT identifies temporally regulated transcripts, anti-sense RNA and λ 70-selected promoters. <i>Molecular Genetics and Genomics</i> , 1993, 237, 318-326.	2.4	27
81	Expression of a plasmid gene of <i>Chlamydia trachomatis</i> encoding a novel 28 kDa antigen. <i>Journal of General Microbiology</i> , 1993, 139, 1083-1092.	2.3	54
82	Adhesion of <i>Bordetella pertussis</i> to eukaryotic cells requires a time-dependent export and maturation of filamentous hemagglutinin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 9204-9208.	3.3	55
83	DNA topology affects transcriptional regulation of the pertussis toxin gene of <i>Bordetella pertussis</i> in <i>Escherichia coli</i> and in vitro. <i>Journal of Bacteriology</i> , 1993, 175, 4764-4771.	1.0	25
84	Sequence of the bacteriophage SPO1 gene 30. <i>Gene</i> , 1992, 114, 115-119.	1.0	5
85	The DNA polymerase-encoding gene of <i>Bacillus subtilis</i> bacteriophage SPO1. <i>Gene</i> , 1992, 118, 109-113.	1.0	18
86	Micro Correspondence. <i>Molecular Microbiology</i> , 1992, 6, 2209-2211.	1.2	26
87	Sequential activation and environmental regulation of virulence genes in <i>Bordetella pertussis</i> .. <i>EMBO Journal</i> , 1991, 10, 3971-3975.	3.5	125
88	Differential response of the <i>bvg</i> virulence regulon of <i>Bordetella pertussis</i> to $MgSO_4$ modulation. <i>Journal of Bacteriology</i> , 1991, 173, 7401-7404.	1.0	41
89	Bacteriophage SPO1 middle transcripts. <i>Virology</i> , 1991, 180, 716-728.	1.1	10
90	Structural and genetic analysis of the <i>bvg</i> locus in <i>Bordetella</i> species. <i>Molecular Microbiology</i> , 1991, 5, 2481-2491.	1.2	95

#	ARTICLE	IF	CITATIONS
91	The bvg-dependent promoters show similar behaviour in different Bordetella species and share sequence homologies. <i>Molecular Microbiology</i> , 1991, 5, 2493-2498.	1.2	21
92	Positive transcriptional feedback at the bvg locus controls expression of virulence factors in <i>Bordetella pertussis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 6753-6757.	3.3	136
93	Genetic characterization of <i>Bordetella pertussis</i> filamentous haemagglutinin: a protein processed from an unusually large precursor. <i>Molecular Microbiology</i> , 1990, 4, 787-800.	1.2	122
94	Bacteriophage T4 gene 27. <i>Nucleic Acids Research</i> , 1990, 18, 3046-3046.	6.5	5
95	A self-splicing group I intron in the DNA polymerase gene of bacillus subtilis bacteriophage SPO1. <i>Cell</i> , 1990, 63, 417-424.	13.5	87
96	Synthesis, phosphorylation, and nuclear localization of human papillomavirus E7 protein in <i>Schizo-saccharomyces pombe</i> . <i>Gene</i> , 1990, 93, 265-270.	1.0	35
97	Bacteriophage T4 late gene expression: Overlapping promoters direct divergent transcription of the base plate gene cluster. <i>Virology</i> , 1989, 171, 475-483.	1.1	17
98	Characterization of the structural genes for the DNA-binding protein H-NS in Enterobacteriaceae. <i>FEBS Letters</i> , 1989, 244, 34-38.	1.3	28
99	Symmetric transcription of bacteriophage T4 base plate genes. <i>Gene</i> , 1988, 72, 241-245.	1.0	3
100	Statistical evaluation of the coding capacity of complementary DNA strands. <i>Nucleic Acids Research</i> , 1984, 12, 5049-5059.	6.5	9
101	Computer programs for the characterization of protein coding genes. <i>Nucleic Acids Research</i> , 1984, 12, 281-285.	6.5	7
102	Coding capacity of complementary DNA strands. <i>Nucleic Acids Research</i> , 1981, 9, 1499-1518.	6.5	26
103	Motility, Chemotaxis, and Flagella. , 0, , 239-248.		40