

Henri De Greve

List of Publications by Year in descending order

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33
papers

992
citations

394421

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454955

30
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all docs

34
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34
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of Designer VHH-Based Antibodies in Plants. <i>Methods in Molecular Biology</i> , 2022, 2446, 205-230.	0.9	2
2	Simplified monomeric VHH-Fc antibodies provide new opportunities for passive immunization. <i>Current Opinion in Biotechnology</i> , 2020, 61, 96-101.	6.6	18
3	Structural Analysis of Jumbo Coliphage phAPEC6. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3119.	4.1	13
4	Structure of S-layer protein Sap reveals a mechanism for therapeutic intervention in anthrax. <i>Nature Microbiology</i> , 2019, 4, 1805-1814.	13.3	23
5	Phosphorylation decelerates conformational dynamics in bacterial translation elongation factors. <i>Science Advances</i> , 2018, 4, eaap9714.	10.3	37
6	In planta expression of nanobody-based designer chicken antibodies targeting <i>Campylobacter</i> . <i>PLoS ONE</i> , 2018, 13, e0204222.	2.5	19
7	Exaptation as a Mechanism for Functional Reinforcement of an Animal Pheromone System. <i>Current Biology</i> , 2018, 28, 2955-2960.e5.	3.9	9
8	Structural Basis for the Specific Neutralization of Stx2a with a Camelid Single Domain Antibody Fragment. <i>Toxins</i> , 2018, 10, 108.	3.4	19
9	Nanobodies targeting conserved epitopes on the major outer membrane protein of <i>Campylobacter</i> as potential tools for control of <i>Campylobacter</i> colonization. <i>Veterinary Research</i> , 2017, 48, 86.	3.0	18
10	Molecular mechanism governing ratio-dependent transcription regulation in the <i>ccdAB</i> operon. <i>Nucleic Acids Research</i> , 2017, 45, 2937-2950.	14.5	29
11	Duality of β -glucan microparticles: antigen carrier and immunostimulants. <i>International Journal of Nanomedicine</i> , 2016, 11, 2463.	6.7	25
12	An intrinsically disordered entropic switch determines allostery in Phd ϵ Doc regulation. <i>Nature Chemical Biology</i> , 2016, 12, 490-496.	8.0	35
13	Inflammation-Induced Adhesin-Receptor Interaction Provides a Fitness Advantage to Uropathogenic <i>E. Coli</i> during Chronic Infection. <i>Cell Host and Microbe</i> , 2016, 20, 482-492.	11.0	53
14	Substrate Recognition and Activity Regulation of the <i>Escherichia coli</i> mRNA Endonuclease MazF. <i>Journal of Biological Chemistry</i> , 2016, 291, 10950-10960.	3.4	44
15	A unique hetero-hexameric architecture displayed by the <i>Escherichia coli</i> O157 PaaA ϵ ParE2 antitoxin ϵ toxin complex. <i>Journal of Molecular Biology</i> , 2016, 428, 1589-1603.	4.2	41
16	Enterotoxigenic <i>Escherichia coli</i> strains are highly prevalent in Ugandan piggeries but disease outbreaks are masked by antibiotic prophylaxis. <i>Tropical Animal Health and Production</i> , 2015, 47, 117-122.	1.4	13
17	Structural and Functional Insight into the Carbohydrate Receptor Binding of F4 Fimbriae-producing Enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 8409-8419.	3.4	26
18	Side-by-side secretion of Late Palaeozoic diverged courtship pheromones in an aquatic salamander. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142960.	2.6	19

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19	Structural and adhesive properties of the long polar fimbriae protein LpfD from adherent-invasive <i>Escherichia coli</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1615-1626.	2.5	8
20	Î²-glucan microparticles targeted to epithelial APN as oral antigen delivery system. <i>Journal of Controlled Release</i> , 2015, 220, 149-159.	9.9	40
21	Comparison of Biofilm Formation between Major Clonal Lineages of Methicillin Resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e104561.	2.5	43
22	The Intrinsically Disordered Domain of the Antitoxin Phd Chaperones the Toxin Doc against Irreversible Inactivation and Misfolding. <i>Journal of Biological Chemistry</i> , 2014, 289, 34013-34023.	3.4	10
23	Structural and biophysical characterization of <i>Staphylococcus aureus</i> SaMazF shows conservation of functional dynamics. <i>Nucleic Acids Research</i> , 2014, 42, 6709-6725.	14.5	33
24	A cocktail of in vitro efficient phages is not a guarantee for in vivo therapeutic results against avian colibacillosis. <i>Veterinary Microbiology</i> , 2014, 171, 470-479.	1.9	41
25	Hurdles in bacteriophage therapy: Deconstructing the parameters. <i>Veterinary Microbiology</i> , 2014, 171, 460-469.	1.9	38
26	The Molecular Mechanism of Shiga Toxin Stx2e Neutralization by a Single-domain Antibody Targeting the Cell Receptor-binding Domain. <i>Journal of Biological Chemistry</i> , 2014, 289, 25374-25381.	3.4	26
27	Nanobody Mediated Inhibition of Attachment of F18 Fimbriae Expressing <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e114691.	2.5	23
28	Cloning, expression, and purification of the N-terminal domain of the Flo1 flocculation protein from <i>Saccharomyces cerevisiae</i> in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2013, 88, 114-119.	1.3	2
29	Orally fed seeds producing designer IgAs protect weaned piglets against enterotoxigenic <i>Escherichia coli</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11809-11814.	7.1	114
30	Surface display of the receptor-binding domain of the F17a-G fimbrial adhesin through the autotransporter AIDA-I leads to permeability of bacterial cells. <i>Microbiology (United Kingdom)</i> , 2009, 155, 468-476.	1.8	20
31	Combining sites of bacterial fimbriae. <i>Current Opinion in Structural Biology</i> , 2007, 17, 506-512.	5.7	45
32	The fimbrial adhesin F17a of enterotoxigenic <i>Escherichia coli</i> has an immunoglobulin-like lectin domain that binds N-acetylglucosamine. <i>Molecular Microbiology</i> , 2003, 49, 705-715.	2.5	89
33	The Shiga-toxin VT2-encoding bacteriophage Î²297 integrates at a distinct position in the <i>Escherichia coli</i> genome. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1579, 196-202.	2.4	17