

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

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docs citations

34
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	Orally fed seeds producing designer IgAs protect weaned piglets against enterotoxigenic <i>Escherichia coli</i> infection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11809-11814.	7.1	114
2	The fimbrial adhesin F17 of enterotoxigenic <i>Escherichia coli</i> has an immunoglobulin-like lectin domain that binds N-acetylglucosamine. Molecular Microbiology, 2003, 49, 705-715.	2.5	89
3	Inflammation-Induced Adhesin-Receptor Interaction Provides a Fitness Advantage to Uropathogenic <i>E. coli</i> during Chronic Infection. Cell Host and Microbe, 2016, 20, 482-492.	11.0	53
4	Combining sites of bacterial fimbriae. Current Opinion in Structural Biology, 2007, 17, 506-512.	5.7	45
5	Substrate Recognition and Activity Regulation of the <i>Escherichia coli</i> mRNA Endonuclease MazF. Journal of Biological Chemistry, 2016, 291, 10950-10960.	3.4	44
6	Comparison of Biofilm Formation between Major Clonal Lineages of Methicillin Resistant <i>Staphylococcus aureus</i> . PLoS ONE, 2014, 9, e104561.	2.5	43
7	A cocktail of in vitro efficient phages is not a guarantee for in vivo therapeutic results against avian colibacillosis. Veterinary Microbiology, 2014, 171, 470-479.	1.9	41
8	A unique hetero-hexadecameric architecture displayed by the <i>Escherichia coli</i> O157 PaaA toxin complex. Journal of Molecular Biology, 2016, 428, 1589-1603.	4.2	41
9	β -glucan microparticles targeted to epithelial APN as oral antigen delivery system. Journal of Controlled Release, 2015, 220, 149-159.	9.9	40
10	Hurdles in bacteriophage therapy: Deconstructing the parameters. Veterinary Microbiology, 2014, 171, 460-469.	1.9	38
11	Phosphorylation decelerates conformational dynamics in bacterial translation elongation factors. Science Advances, 2018, 4, eaap9714.	10.3	37
12	An intrinsically disordered entropic switch determines allostery in Phd Doc regulation. Nature Chemical Biology, 2016, 12, 490-496.	8.0	35
13	Structural and biophysical characterization of <i>Staphylococcus aureus</i> SaMazF shows conservation of functional dynamics. Nucleic Acids Research, 2014, 42, 6709-6725.	14.5	33
14	Molecular mechanism governing ratio-dependent transcription regulation in the <i>ccdAB</i> operon. Nucleic Acids Research, 2017, 45, 2937-2950.	14.5	29
15	The Molecular Mechanism of Shiga Toxin Stx2e Neutralization by a Single-domain Antibody Targeting the Cell Receptor-binding Domain. Journal of Biological Chemistry, 2014, 289, 25374-25381.	3.4	26
16	Structural and Functional Insight into the Carbohydrate Receptor Binding of F4 Fimbriae-producing Enterotoxigenic <i>Escherichia coli</i> . Journal of Biological Chemistry, 2015, 290, 8409-8419.	3.4	26
17	Duality of β -glucan microparticles: antigen carrier and immunostimulants. International Journal of Nanomedicine, 2016, 11, 2463.	6.7	25
18	Structure of S-layer protein Sap reveals a mechanism for therapeutic intervention in anthrax. Nature Microbiology, 2019, 4, 1805-1814.	13.3	23

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19	Nanobody Mediated Inhibition of Attachment of F18 Fimbriae Expressing Escherichia coli. PLoS ONE, 2014, 9, e114691.	2.5	23
20	Surface display of the receptor-binding domain of the F17a-G fimbrial adhesin through the autotransporter AIDA-I leads to permeability of bacterial cells. Microbiology (United Kingdom), 2009, 155, 468-476.	1.8	20
21	Side-by-side secretion of Late Palaeozoic diverged courtship pheromones in an aquatic salamander. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142960.	2.6	19
22	In planta expression of nanobody-based designer chicken antibodies targeting Campylobacter. PLoS ONE, 2018, 13, e0204222.	2.5	19
23	Structural Basis for the Specific Neutralization of Stx2a with a Camelid Single Domain Antibody Fragment. Toxins, 2018, 10, 108.	3.4	19
24	Nanobodies targeting conserved epitopes on the major outer membrane protein of Campylobacter as potential tools for control of Campylobacter colonization. Veterinary Research, 2017, 48, 86.	3.0	18
25	Simplified monomeric VHH-Fc antibodies provide new opportunities for passive immunization. Current Opinion in Biotechnology, 2020, 61, 96-101.	6.6	18
26	The Shiga-toxin VT2-encoding bacteriophage λ 297 integrates at a distinct position in the Escherichia coli genome. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1579, 196-202.	2.4	17
27	Enterotoxigenic Escherichia coli strains are highly prevalent in Ugandan piggeries but disease outbreaks are masked by antibiotic prophylaxis. Tropical Animal Health and Production, 2015, 47, 117-122.	1.4	13
28	Structural Analysis of Jumbo Coliphage phAPEC6. International Journal of Molecular Sciences, 2020, 21, 3119.	4.1	13
29	The Intrinsically Disordered Domain of the Antitoxin Phd Chaperones the Toxin Doc against Irreversible Inactivation and Misfolding. Journal of Biological Chemistry, 2014, 289, 34013-34023.	3.4	10
30	Exaptation as a Mechanism for Functional Reinforcement of an Animal Pheromone System. Current Biology, 2018, 28, 2955-2960.e5.	3.9	9
31	Structural and adhesive properties of the long polar fimbriae protein LpfD from adherent-invasive Escherichia coli. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1615-1626.	2.5	8
32	Cloning, expression, and purification of the N-terminal domain of the Flo1 flocculation protein from Saccharomyces cerevisiae in Pichia pastoris. Protein Expression and Purification, 2013, 88, 114-119.	1.3	2
33	Production of Designer VHH-Based Antibodies in Plants. Methods in Molecular Biology, 2022, 2446, 205-230.	0.9	2