Christel Neut

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers7,333
citations38
h-index84
g-index131
ext. papers8,376
ext. citations6.7
avg, IF5.2
L-index

#	Paper	IF	Citations
120	Core-Sheath Electrospun Nanofibers Based on Chitosan and Cyclodextrin Polymer for the Prolonged Release of Triclosan. <i>Polymers</i> , 2022 , 14, 1955	4.5	O
119	Antimicrobial Properties of Compounds Isolated from Syzygium malaccense (L.) Merr. and L.M. Perry and Medicinal Plants Used in French Polynesia. <i>Life</i> , 2022 , 12, 733	3	0
118	Oral colon delivery platform based on a novel combination approach: Design concept and preliminary evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102919	4.5	1
117	Adherent invasive Escherichia coli (AIEC) strain LF82, but not Candida albicans, plays a profibrogenic role in the intestine. <i>Gut Pathogens</i> , 2021 , 13, 5	5.4	2
116	Assessment of Pb(II), Cd(II), and Al(III) Removal Capacity of Bacteria from Food and Gut Ecological Niches: Insights into Biodiversity to Limit Intestinal Biodisponibility of Toxic Metals. <i>Microorganisms</i> , 2021 , 9,	4.9	8
115	In Vitro Microbiological and Drug Release of Silver/Ibuprofen Loaded Wound Dressing Designed for the Treatment of Chronically Infected Painful Wounds. <i>Antibiotics</i> , 2021 , 10,	4.9	1
114	Adherent-Invasive and Non-Invasive Isolates Differ in Their Effects on Lifespan. <i>Microorganisms</i> , 2021 , 9,	4.9	1
113	Antibacterial and antioxidant activities of a novel enol ether nor-sesquiterpene isolated from Myrtus nivellei Batt. & Trab. <i>Flioterap</i> (12021, 153, 104987)	3.2	
112	Injection-molded capsule bodies and caps based on polymer blends for controlled drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 168, 1-14	5.7	2
111	Injection Molded Capsules for Colon Delivery Combining Time-Controlled and Enzyme-Triggered Approaches. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
110	Antimicrobial and Light-Enhanced Antimicrobial Activities, Cytotoxicity and Chemical Variability of All Tunisian Eryngium Species. <i>Chemistry and Biodiversity</i> , 2020 , 17, e1900543	2.5	3
109	Plant therapy in the Peruvian Amazon (Loreto) in case of infectious diseases and its antimicrobial evaluation. <i>Journal of Ethnopharmacology</i> , 2020 , 249, 112411	5	11
108	MeJA Elicitation of Chicory Hairy Roots Promotes Efficient Increase of 3,5-diCQA Accumulation, a Potent Antioxidant and Antibacterial Molecule. <i>Antibiotics</i> , 2020 , 9,	4.9	3
107	Release-killing properties of a textile modified by a layer-by-layer coating based on two oppositely charged cyclodextrin polyelectrolytes. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119730	6.5	4
106	Impact and consequences of intensive chemotherapy on intestinal barrier and microbiota in acute myeloid leukemia: the role of mucosal strengthening. <i>Gut Microbes</i> , 2020 , 12, 1800897	8.8	17
105	Antimicrobial effect and physical properties of an injectable "active oxygen" gel for the treatment of periodontitis. <i>American Journal of Dentistry</i> , 2020 , 33, 305-309	1.3	О
104	Contribution of the Gut Microbiota in P28GST-Mediated Anti-Inflammatory Effects: Experimental and Clinical Insights. <i>Cells</i> , 2019 , 8,	7.9	6

(2016-2019)

103	Phenolic Compounds from as Natural Antimicrobial Products: New Weapons in the Fight against Methicillin Resistant, and Strains. <i>Molecules</i> , 2019 , 24,	4.8	22
102	Evaluation of antibacterial textile covered by layer-by-layer coating and loaded with chlorhexidine for wound dressing application. <i>Materials Science and Engineering C</i> , 2019 , 100, 554-563	8.3	29
101	In vitro evaluation of drug release and antibacterial activity of a silver-loaded wound dressing coated with a multilayer system. <i>International Journal of Pharmaceutics</i> , 2019 , 556, 301-310	6.5	19
100	How to Study Antimicrobial Activities of Plant Extracts: A Critical Point of View. <i>Sustainable Development and Biodiversity</i> , 2018 , 55-71	2.1	1
99	High carriage of adherent invasive in wildlife and healthy individuals. <i>Gut Pathogens</i> , 2018 , 10, 23	5.4	7
98	Enteric Delivery of Regenerating Family Member 3 alpha Alters the Intestinal Microbiota and Controls Inflammation in Mice With Colitis. <i>Gastroenterology</i> , 2018 , 154, 1009-1023.e14	13.3	60
97	Cyclodextrin modified PLLA parietal reinforcement implant with prolonged antibacterial activity. <i>Acta Biomaterialia</i> , 2017 , 53, 222-232	10.8	18
96	Bacteriophages Targeting Adherent Invasive Escherichia coli Strains as a Promising New Treatment for Crohn@ Disease. <i>Journal of Crohn</i> and Colitis, 2017 , 11, 840-847	1.5	65
95	An ecological approach to discover new bioactive extracts and products: the case of extremophile plants. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1041-1055	4.8	12
94	Antibiotic Susceptibility of Probiotic Strains. Is it Reasonable to Combine Probiotics with Antibiotics?. <i>Gastroenterology</i> , 2017 , 152, S821	13.3	2
93	Preparation and characterization of novel chitosan and Etyclodextrin polymer sponges for wound dressing applications. <i>Carbohydrate Polymers</i> , 2017 , 173, 535-546	10.3	38
92	Antiproliferative and Antibacterial Activities of from Tunisia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 7247016	2.3	8
91	Antibiotic susceptibility of probiotic strains: Is it reasonable to combine probiotics with antibiotics?. <i>Mäecine Et Maladies Infectieuses</i> , 2017 , 47, 477-483	4	38
90	Bacteriome and Mycobiome Interactions Underscore Microbial Dysbiosis in Familial Crohn@ Disease. <i>MBio</i> , 2016 , 7,	7.8	218
89	Chemical Composition and Antimicrobial Activity of the Essential Oil from Aerial Parts and Roots of Eryngium barrelieri Boiss. and Eryngium glomeratum Lam. from Tunisia. <i>Chemistry and Biodiversity</i> , 2016 , 13, 1720-1729	2.5	7
88	GipA Factor Supports Colonization of Peyer@ Patches by Crohn@ Disease-associated Escherichia Coli. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 68-81	4.5	30
87	Antimicrobial citric acid/poly(vinyl alcohol) crosslinked films: Effect of cyclodextrin and sodium benzoate on the antimicrobial activity. <i>LWT - Food Science and Technology</i> , 2016 , 68, 27-35	5.4	17
86	Layer-by-layer coating of textile with two oppositely charged cyclodextrin polyelectrolytes for extended drug delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 1408-24	5.4	21

85	Chemical composition of the essential oil from Algerian Genista quadriflora Munby and determination of its antibacterial and antifungal activities. <i>Industrial Crops and Products</i> , 2016 , 90, 87-9	3 ^{5.9}	16
84	Triclosan loaded electrospun nanofibers based on a cyclodextrin polymer and chitosan polyelectrolyte complex. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 483-495	6.5	32
83	Chitosan finishing nonwoven textiles loaded with silver and iodide for antibacterial wound dressing applications. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 015023	3.5	25
82	Controlled delivery of a new broad spectrum antibacterial agent against colitis: In vitro and in vivo performance. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 152-61	5.7	10
81	In-situ forming composite implants for periodontitis treatment: How the formulation determines system performance. <i>International Journal of Pharmaceutics</i> , 2015 , 486, 38-51	6.5	29
80	In vivo efficacy of microbiota-sensitive coatings for colon targeting: a promising tool for IBD therapy. <i>Journal of Controlled Release</i> , 2015 , 197, 121-30	11.7	31
79	How to easily provide zero order release of freely soluble drugs from coated pellets. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 31-38	6.5	17
78	Delivery of a mucin domain enriched in cysteine residues strengthens the intestinal mucous barrier. <i>Scientific Reports</i> , 2015 , 5, 9577	4.9	32
77	Escherichia coli LF82 differentially regulates ROS production and mucin expression in intestinal epithelial T84 cells: implication of NOX1. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 1018-26	4.5	13
76	Mechanistic analysis of PLGA/HPMC-based in-situ forming implants for periodontitis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 273-83	5.7	27
75	A randomized clinical trial of Saccharomyces cerevisiae versus placebo in the irritable bowel syndrome. <i>Digestive and Liver Disease</i> , 2015 , 47, 119-24	3.3	62
74	In vitro Antimicrobial Activity of Traditional Plant Used in Mestizo Shamanism from the Peruvian Amazon in Case of Infectious Diseases. <i>Pharmacognosy Magazine</i> , 2015 , 11, S625-33	0.8	8
73	Antimicrobial prenylated benzoylphloroglucinol derivatives and xanthones from the leaves of Garcinia goudotiana. <i>Phytochemistry</i> , 2014 , 102, 162-8	4	21
72	Evaluation of the anti-infectious properties of polyester vascular prostheses functionalised with cyclodextrin. <i>Journal of Infection</i> , 2014 , 68, 116-24	18.9	12
71	Evaluation of sorption capacity of antibiotics and antibacterial properties of a cyclodextrin-polymer functionalized hydroxyapatite-coated titanium hip prosthesis. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 380-9	6.5	22
70	In situ forming implants for periodontitis treatment with improved adhesive properties. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 342-50	5.7	45
69	Antimicrobial activity of selected Iranian medicinal plants against a broad spectrum of pathogenic and drug multiresistant micro-organisms. <i>Letters in Applied Microbiology</i> , 2014 , 59, 412-21	2.9	22
68	Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014 , 7, 589-601	9.2	63

(2012-2014)

67	Simultaneous immobilization of heparin and gentamicin on polypropylene textiles: a dual therapeutic activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 3846-54	5.4	10
66	First report of the predominance of clonal complex 398 Staphylococcus aureus strains in osteomyelitis complicating diabetic foot ulcers: a national French study. <i>Clinical Microbiology and Infection</i> , 2014 , 20, O274-7	9.5	21
65	Dyeing and antibacterial activation with methylene blue of a cyclodextrin modified polyester vascular graft. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 2942-51	5.4	18
64	A chlorhexidine-loaded biodegradable cellulosic device for periodontal pockets treatment. <i>Acta Biomaterialia</i> , 2014 , 10, 318-29	10.8	24
63	Simultaneous antibacterial and anticoagulant properties of polypropylene non-woven textiles. <i>MATEC Web of Conferences</i> , 2013 , 7, 04014	0.3	
62	Build-up of an antimicrobial multilayer coating on a textile support based on a methylene blue-poly(cyclodextrin) complex. <i>Biomedical Materials (Bristol)</i> , 2013 , 8, 065006	3.5	19
61	Point mutations in FimH adhesin of Crohn@ disease-associated adherent-invasive Escherichia coli enhance intestinal inflammatory response. <i>PLoS Pathogens</i> , 2013 , 9, e1003141	7.6	108
60	Rosmarinic Acid and Its Methyl Ester as Antimicrobial Components of the Hydromethanolic Extract of Hyptis atrorubens Poit. (Lamiaceae). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 604536	2.3	61
59	Colonic inflammation in mice is improved by cigarette smoke through iNKT cells recruitment. <i>PLoS ONE</i> , 2013 , 8, e62208	3.7	24
58	Safety, healing, and efficacy of vascular prostheses coated with hydroxypropyl-Eyclodextrin polymer: experimental in vitro and animal studies. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012 , 43, 188-97	2.3	25
57	Comparative study of vascular prostheses coated with polycyclodextrins for controlled ciprofloxacin release. <i>Carbohydrate Polymers</i> , 2012 , 90, 1695-703	10.3	33
56	Anti-anaerobic activity of a new Elactamase inhibitor NXL104 in combination with Elactams and metronidazole. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 500-4	14.3	23
55	AIEC colonization and pathogenicity: influence of previous antibiotic treatment and preexisting inflammation. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, 1923-31	4.5	28
54	Chemical extraction versus direct smear for MALDI-TOF mass spectrometry identification of anaerobic bacteria. <i>Anaerobe</i> , 2012 , 18, 294-7	2.8	41
53	Mesenteric fat as a source of C reactive protein and as a target for bacterial translocation in Crohn@ disease. <i>Gut</i> , 2012 , 61, 78-85	19.2	171
52	Anticoagulant and antimicrobial finishing of non-woven polypropylene textiles. <i>Biomedical Materials (Bristol)</i> , 2012 , 7, 035001	3.5	28
51	Impact of a resistant dextrin on intestinal ecology: how altering the digestive ecosystem with NUTRIOSE (), a soluble fibre with prebiotic properties, may be beneficial for health. <i>Journal of International Medical Research</i> , 2012 , 40, 211-24	1.4	49
50	Local appendiceal dysbiosis: the missing link between the appendix and ulcerative colitis?. <i>Gut</i> , 2012 , 61, 635-6	19.2	7

49	Saccharomyces Cerevisiae CNCM I-3856 Reduces Digestive Discomfort and Abdominal Pain in Subjects With Irritable Bowel Syndrome: A Randomized Double-Blinded Placebo-Controlled Clinical Trial. <i>Gastroenterology</i> , 2011 , 140, S-50	13.3	3
48	Peas starch-based film coatings for site-specific drug delivery to the colon. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1176-1184	2.9	13
47	Methyl-Exyclodextrin modified vascular prosthesis: Influence of the modification level on the drug delivery properties in different media. <i>Acta Biomaterialia</i> , 2011 , 7, 304-14	10.8	39
46	Cyclodextrin and maltodextrin finishing of a polypropylene abdominal wall implant for the prolonged delivery of ciprofloxacin. <i>Acta Biomaterialia</i> , 2011 , 7, 3141-9	10.8	58
45	Crohn diseaseassociated adherent-invasive E. coli bacteria target mouse and human Peyer@patches via long polar fimbriae. <i>Journal of Clinical Investigation</i> , 2011 , 121, 966-75	15.9	181
44	Enzymatically activated coated multiparticulates containing theophylline for colon targeting. <i>Journal of Drug Delivery Science and Technology</i> , 2010 , 20, 193-199	4.5	6
43	Enzymatically degraded Eurylon 6 HP-PG: ethylcellulose film coatings for colon targeting in inflammatory bowel disease patients. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 62, 1676-84	4.8	14
42	Complete genome sequence of Crohn@ disease-associated adherent-invasive E. coli strain LF82. <i>PLoS ONE</i> , 2010 , 5, e12714	3.7	117
41	Characterization of ethylcellulose: starch-based film coatings for colon targeting. <i>Drug Development and Industrial Pharmacy</i> , 2009 , 35, 1190-200	3.6	12
40	Novel polymeric film coatings for colon targeting: Drug release from coated pellets. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 427-33	5.1	44
39	Prolonged local antibiotics delivery from hydroxyapatite functionalised with cyclodextrin polymers. <i>Biomaterials</i> , 2009 , 30, 6086-93	15.6	95
38	Novel polymeric film coatings for colon targeting: how to adjust desired membrane properties. <i>International Journal of Pharmaceutics</i> , 2009 , 371, 64-70	6.5	22
37	Colon targeting with bacteria-sensitive films adapted to the disease state. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 73, 74-81	5.7	27
36	Candida albicans colonization and ASCA in familial Crohn@ disease. <i>American Journal of Gastroenterology</i> , 2009 , 104, 1745-53	0.7	138
35	Polyester vascular prostheses coated with a cyclodextrin polymer and activated with antibiotics: cytotoxicity and microbiological evaluation. <i>Acta Biomaterialia</i> , 2008 , 4, 1725-33	10.8	49
34	Antimycobacterial therapy in Crohn@ disease: game over?. <i>Gastroenterology</i> , 2007 , 132, 2594-8	13.3	30
33	Functionalization of PVDF membranes with carbohydrate derivates for the controlled delivery of chlorhexidin. <i>New Biotechnology</i> , 2007 , 24, 472-6		32
32	Antibacterial functionalization of an experimental self-etching primer by inorganic agents: microbiological and biocompatibility evaluations. <i>New Biotechnology</i> , 2007 , 24, 483-8		15

(1999-2007)

31	Lactobacillus acidophilus modulates intestinal pain and induces opioid and cannabinoid receptors. <i>Nature Medicine</i> , 2007 , 13, 35-7	50.5	612
30	In vitro study of a HPEcyclodextrin grafted PET vascular prosthesis for application as anti-infectious drug delivery system. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 57, 675-681		19
29	Antibacterial activation of hydroxyapatite (HA) with controlled porosity by different antibiotics. <i>New Biotechnology</i> , 2007 , 24, 510-4		59
28	Mesenteric fat in Crohn@ disease: a pathogenetic hallmark or an innocent bystander?. <i>Gut</i> , 2007 , 56, 577-83	19.2	160
27	Characterization of human intestinal bifidobacteria using competitive PCR and PCR-TTGE. <i>FEMS Microbiology Ecology</i> , 2006 , 55, 28-37	4.3	39
26	Dysbiosis in inflammatory bowel disease. <i>Gut</i> , 2004 , 53, 1-4	19.2	490
25	Prospective, randomized, parallel-group trial to evaluate the effects of lactulose and polyethylene glycol-4000 on colonic flora in chronic idiopathic constipation. <i>Alimentary Pharmacology and Therapeutics</i> , 2004 , 19, 889-99	6.1	76
24	Molecular inventory of faecal microflora in patients with Crohn@ disease. <i>FEMS Microbiology Ecology</i> , 2004 , 50, 25-36	4.3	113
23	High prevalence of adherent-invasive Escherichia coli associated with ileal mucosa in Crohn@ disease. <i>Gastroenterology</i> , 2004 , 127, 412-21	13.3	1104
22	The capacity of nondigestible carbohydrates to stimulate fecal bifidobacteria in healthy humans: a double-blind, randomized, placebo-controlled, parallel-group, dose-response relation study. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1658-64	7	301
21	In vitro activity of gatifloxacin, a new fluoroquinolone, against 204 anaerobes compared to seven other compounds. <i>Clinical Microbiology and Infection</i> , 2003 , 9, 1133-8	9.5	2
20	Changes in the bacterial flora of the neoterminal ileum after ileocolonic resection for Crohn@ disease. <i>American Journal of Gastroenterology</i> , 2002 , 97, 939-46	0.7	226
19	Role of the high affinity immunoglobulin E receptor in bacterial translocation and intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2001 , 193, 25-34	16.6	30
18	Genetically related Escherichia coli strains associated with Crohn@disease. <i>Gut</i> , 2001 , 48, 320-5	19.2	77
17	A colony immunoblotting method for quantitative detection of a Bifidobacterium animalis probiotic strain in human faeces. <i>Journal of Applied Microbiology</i> , 2000 , 88, 1019-27	4.7	30
16	Effect of Exposure to Air on 84 strains of Bifidobacteria. <i>Anaerobe</i> , 2000 , 6, 65-67	2.8	11
15	Infectious agents and Crohn@ disease. Clinical Microbiology and Infection, 1999, 5, 601-4	9.5	8
14	Bacterial microleakage of Cavit, IRM, TERM, and Fermit: a 21-day in vitro study. <i>Journal of Endodontics</i> , 1999 , 25, 653-9	4.7	34

13	Presence of adherent Escherichia coli strains in ileal mucosa of patients with Crohn@disease. <i>Gastroenterology</i> , 1998 , 115, 1405-13	13.3	640
12	Fecal beta-D-galactosidase production and Bifidobacteria are decreased in Crohn@ disease. Digestive Diseases and Sciences, 1997 , 42, 817-22	4	171
11	Nitrate-reducing bacteria in diversion colitis: a clue to inflammation?. <i>Digestive Diseases and Sciences</i> , 1997 , 42, 2577-80	4	32
10	Differentiation and identification of human faecal anaerobic bacteria producing Egalactosidase (a new methodology). <i>Journal of Microbiological Methods</i> , 1996 , 27, 25-31	2.8	6
9	Bacterial enzymes used for colon-specific drug delivery are decreased in active Crohn@disease. Digestive Diseases and Sciences, 1995 , 40, 2641-6	4	39
8	Phenotypic and genomic analyses of human strains belonging or related to Bifidobacterium longum, Bifidobacterium infantis, and Bifidobacterium breve. <i>International Journal of Systematic Bacteriology</i> , 1993 , 43, 565-73		34
7	In vitro effects of titanium powder on oral bacteria. <i>Biomaterials</i> , 1992 , 13, 25-7	15.6	20
6	Bacterial microleakage of Cavit, IRM, and TERM. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1992 , 74, 634-43		49
5	Treatment of diversion colitis by short-chain fatty acids. Prospective and double-blind study. <i>Diseases of the Colon and Rectum</i> , 1991 , 34, 861-4	3.1	106
4	Phenotypic differentiation of bifidobacteria of human and animal origins. <i>International Journal of Systematic Bacteriology</i> , 1991 , 41, 548-57		83
3	In vitro survival of Bacteroides intermedius in five transport media, alone or in the presence of Streptococcus sanguis. <i>Oral Microbiology and Immunology</i> , 1990 , 5, 320-3		8
2	Rapid Detection of Clostridium perfringens: Comparison of Lactose Sulfite Broth with Tryptose-Sulfite-Cycloserine Agar. <i>Journal of the Association of Official Analytical Chemists</i> , 1985 , 68, 881-883		
1	Contribution []l Q ude de la rpartition des esples de Bifidobacterium dans la flore filale de nourrissons aliment[] soit au sein, soit par des laits maternis[]. <i>Reproduction, Nutrition, Development</i> , 1980 , 20, 1679-1684		4