Feng F Hong

List of Publications by Year in Descending Order

99 papers	4,598 citations	28 h-index	67 g-index
109 ext. papers	5,429 ext. citations	6.6 avg, IF	6.06 L-index

#	Paper	IF	Citations
99	Association of dietary patterns with obesity and metabolically healthy obesity phenotype in Chinese population: a cross-sectional analysis of China Multi-Ethnic Cohort Study.. *British Journal of Nutrition*, **2022**, 1-29	3.6	0
98	Bacteria-engineered porous sponge for hemostasis and vascularization.. *Journal of Nanobiotechnology*, **2022**, 20, 47	9.4	0
97	Relationship Between Sleep Duration and Stroke History in Middle-Aged and Elderly in Guiyang: A Cross-Sectional Survey.. *Neuropsychiatric Disease and Treatment*, **2022**, 18, 243-252	3.1	1
96	Evaluation of wet nanocellulose membranes produced by different bacterial strains for healing full-thickness skin defects.. *Carbohydrate Polymers*, **2022**, 285, 119218	10.3	1
95	Mercerization of tubular bacterial nanocellulose for control of the size and performance of small-caliber vascular grafts. *Chemical Engineering Journal*, **2022**, 428, 131104	14.7	3
94	Hyperuricemia is Related to the Risk of Cardiovascular Diseases in Ethnic Chinese Elderly Women.. *Global Heart*, **2022**, 17, 12	2.9	0
93	Evaluation of anthropometric indices as a predictor of diabetes in Dong and Miao ethnicities in China: A cross-sectional analysis of China Multi-Ethnic Cohort Study.. *PLoS ONE*, **2022**, 17, e0265228	3.7	
92	The dose-response relationship of serum uric acid with Dyslipidaemia and its components: a cross-sectional study of a Chinese multi-ethnic cohort.. *Lipids in Health and Disease*, **2022**, 21, 36	4.4	
91	A poly-l-lysine-bonded TEMPO-oxidized bacterial nanocellulose-based antibacterial dressing for infected wound treatment.. *Carbohydrate Polymers*, **2022**, 287, 119266	10.3	3
90	Patterns and demographic correlates of domain-specific physical activities and their associations with dyslipidaemia in China: a multiethnic cohort study.. *BMJ Open*, **2022**, 12, e052268	3	1
89	The relationship between occupational physical activity and dyslipidaemia in farmers with varying working modes in southwest China: the China multi-ethnic cohort study.. *BMC Public Health*, **2022**, 22, 840	4.1	0
88	Prevalence of in Non-Cardia Gastric Cancer in China: A Systematic Review and Meta-Analysis.. *Frontiers in Oncology*, **2022**, 12, 850389	5.3	1
87	Ethnic disparities in the association between ambient air pollution and risk for cardiometabolic abnormalities in China.. *Science of the Total Environment*, **2022**, 155940	10.2	0
86	Dose-response association between serum uric acid levels and incident hypertension: a systematic review and meta-analysis of 17 prospective cohort studies of 32 thousand participants. *Acta Cardiologica*, **2021**, 76, 748-753	0.9	2
85	A multiethnic association analysis of hyperuricaemia with cardiovascular risk in rural and urban areas in Chinese adults. *Scientific Reports*, **2021**, 11, 23362	4.9	0
84	In Situ Fabrication of Nerve Growth Factor Encapsulated Chitosan Nanoparticles in Oxidized Bacterial Nanocellulose for Rat Sciatic Nerve Regeneration. *Biomacromolecules*, **2021**,	6.9	6
83	Cohort Profile: the China Multi-Ethnic Cohort (CMEC) study. *International Journal of Epidemiology*, **2021**, 50, 721-721l	7.8	30

82	Dose-response association between sugar- and artificially sweetened beverage consumption and the risk of metabolic syndrome: a meta-analysis of population-based epidemiological studies. *Public Health Nutrition*, **2021**, 24, 3892-3904	3.3	7
81	Implantation of air-dried bacterial nanocellulose conduits in a small-caliber vascular prosthesis rabbit model. *Materials Science and Engineering C*, **2021**, 122, 111922	8.3	7
80	Spatial distribution and risk factors of adverse treatment outcomes of tuberculosis in Guizhou, China, 2013-2018. *Scientific Reports*, **2021**, 11, 7706	4.9	2
79	Family History of Hypertension and Cobalt Exposure Synergistically Promote the Prevalence of Hypertension. *Biological Trace Element Research*, **2021**, 1	4.5	1
78	Health behaviors and metabolic risk factors are associated with dyslipidemia in ethnic Miao Chinese adults: the China multi-ethnic cohort study. *BMC Public Health*, **2021**, 21, 851	4.1	1
77	Association of long-term exposure to ambient air pollutants with blood lipids in Chinese adults: The China Multi-Ethnic Cohort study. *Environmental Research*, **2021**, 197, 111174	7.9	8
76	SARS-CoV-2 presented in the air of an intensive care unit (ICU). *Sustainable Cities and Society*, **2021**, 65, 102446	10.1	33
75	Homogeneous and efficient production of a bacterial nanocellulose-lactoferrin-collagen composite under an electric field as a matrix to promote wound healing. *Biomaterials Science*, **2021**, 9, 930-941	7.4	8
74	Improved Performance of Bacterial Nanocellulose Conduits by the Introduction of Silk Fibroin Nanoparticles and Heparin for Small-Caliber Vascular Graft Applications. *Biomacromolecules*, **2021**, 22, 353-364	6.9	9
73	Serum uric acid and risk of prehypertension: a dose-response meta-analysis of 17 observational studies of approximately 79 thousand participants. *Acta Cardiologica*, **2021**, 1-10	0.9	
72	Functionalization of Aminoalkylsilane-Grafted Bacterial Nanocellulose with ZnO-NPs-Doped Pullulan Electrospun Nanofibers for Multifunctional Wound Dressing. *ACS Biomaterials Science and Engineering*, **2021**, 7, 3933-3946	5.5	16
71	A novel approach for efficient fabrication of chitosan nanoparticles-embedded bacterial nanocellulose conduits. *Carbohydrate Polymers*, **2021**, 264, 118002	10.3	3
70	Analysis of Threshold Effect of Urinary Heavy Metal Elements on the High Prevalence of Nephrolithiasis in Men. *Biological Trace Element Research*, **2021**, 1	4.5	0
69	In-situ assembly of Cu/CuxO composite with CNT/Bacterial Cellulose matrix as a support for efficient CO2 electroreduction reaction to CO and C2H4. *Separation and Purification Technology*, **2021**, 280, 119832	8.3	3
68	Fabrication of bacterial cellulose membrane-based alkaline-exchange membrane for application in electrochemical reduction of CO2. *Separation and Purification Technology*, **2021**, 272, 118910	8.3	1
67	Highly sensitive magnetic relaxation sensing method for aflatoxin B1 detection based on Au NP-assisted triple self-assembly cascade signal amplification. *Biosensors and Bioelectronics*, **2021**, 192, 113489	11.8	9
66	Construction of selenium-embedded mesoporous silica with improved antibacterial activity. *Colloids and Surfaces B: Biointerfaces*, **2020**, 190, 110910	6	8
65	Association Between Bullying and Suicidal Behavior Among Chinese Adolescents: An Analysis of Gender Differences. *Psychology Research and Behavior Management*, **2020**, 13, 89-96	3.8	4

64	Enhanced decolourization efficiency of textile dye Reactive Blue 19 in a horizontal rotating reactor using strips of BNC-immobilized laccase: Optimization of conditions and comparison of decolourization efficiency. *Biochemical Engineering Journal*, **2020**, 156, 107501	4.2	42
63	Physicochemical Properties and In Vitro Biocompatibility of Three Bacterial Nanocellulose Conduits for Blood Vessel Applications. *Carbohydrate Polymers*, **2020**, 239, 116246	10.3	18
62	Determination of live and dead Komagataeibacter xylinus cells and first attempt at precise control of inoculation in nanocellulose production. *Microbial Biotechnology*, **2020**, 13, 458-469	6.3	7
61	A Biodegradable Antibacterial Nanocomposite Based on Oxidized Bacterial Nanocellulose for Rapid Hemostasis and Wound Healing. *ACS Applied Materials & Interfaces*, **2020**, 12, 3382-3392	9.5	84
60	In-situ growth of CuO/Cu nanocomposite electrode for efficient CO2 electroreduction to CO with bacterial cellulose as support. *Journal of CO2 Utilization*, **2020**, 37, 188-194	7.6	12
59	Zn-loaded TOBC nanofiber-reinforced biomimetic calcium alginate hydrogel for antibacterial wound dressing. *International Journal of Biological Macromolecules*, **2020**, 143, 235-242	7.9	26
58	Novel ordered TiO2 nanodot array on 316LSS with enhanced antibacterial properties. *Materials Letters*, **2020**, 266, 127503	3.3	2
57	Bacterial Nanocellulose-Enhanced Alginate Double-Network Hydrogels Cross-Linked with Six Metal Cations for Antibacterial Wound Dressing. *Polymers*, **2020**, 12,	4.5	13
56	Improved bacterial nanocellulose production from glucose without the loss of quality by evaluating thirteen agitator configurations at low speed. *Microbial Biotechnology*, **2019**, 12, 1387-1402	6.3	1
55	Silencing GSK3β instead of DKK1 can inhibit osteogenic differentiation caused by co-exposure to fluoride and arsenic. *Bone*, **2019**, 123, 196-203	4.7	6
54	Comparison of productivity and quality of bacterial nanocellulose synthesized using culture media based on seven sugars from biomass. *Microbial Biotechnology*, **2019**, 12, 677-687	6.3	18
53	Manufacture of a novel anisotropic bacterial nanocellulose hydrogel membrane by using a rotary drum bioreactor. *Carbohydrate Polymers*, **2019**, 211, 281-288	10.3	6
52	Performance of nanocellulose-producing bacterial strains in static and agitated cultures with different starting pH. *Carbohydrate Polymers*, **2019**, 215, 280-288	10.3	13
51	An Approach of Utilizing Water-Soluble Carbohydrates in Lignocellulose Feedstock for Promotion of Cellulosic l-Lactic Acid Production. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 10225-10232	5.7	17
50	Scale-up of production of bacterial nanocellulose using submerged cultivation. *Journal of Chemical Technology and Biotechnology*, **2018**, 93, 3418-3427	3.5	22
49	Evaluation of six ionic liquids and application in pretreatment of sweet sorghum bagasse for bacterial nanocellulose production. *Journal of Chemical Technology and Biotechnology*, **2018**, 93, 3452-3461	3.5	2
48	Evaluation of nanocellulose carriers produced by four different bacterial strains for laccase immobilization. *Carbohydrate Polymers*, **2018**, 196, 457-464	10.3	31
47	Comparison of tolerance of four bacterial nanocellulose-producing strains to lignocellulose-derived inhibitors. *Microbial Cell Factories*, **2017**, 16, 229	6.4	10

46	The effect of elemental content on the risk of dental fluorosis and the exposure of the environment and population to fluoride produced by coal-burning. *Environmental Toxicology and Pharmacology*, **2017**, 56, 329-339	5.8	16
45	Comparison of two types of bioreactors for synthesis of bacterial nanocellulose tubes as potential medical prostheses including artificial blood vessels. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 1218-1228	3.5	24
44	Performance improvements of the BNC tubes from unique double-silicone-tube bioreactors by introducing chitosan and heparin for application as small-diameter artificial blood vessels. *Carbohydrate Polymers*, **2017**, 178, 394-405	10.3	26
43	Bioconversion of Waste Fiber Sludge to Bacterial Nanocellulose and Use for Reinforcement of CTMP Paper Sheets. *Polymers*, **2017**, 9,	4.5	20
42	Interleaved Dual Buck Full-Bridge Three-Level Inverter. *IEEE Transactions on Power Electronics*, **2016**, 31, 964-974	7.2	28
41	Enhanced apatite-forming ability and antibacterial activity of porous anodic alumina embedded with CaO-SiO2-Ag2O bioactive materials. *Materials Science and Engineering C*, **2016**, 58, 700-8	8.3	24
40	Using In situ Dynamic Cultures to Rapidly Biofabricate Fabric-Reinforced Composites of Chitosan/Bacterial Nanocellulose for Antibacterial Wound Dressings. *Frontiers in Microbiology*, **2016**, 7, 260	5.7	36
39	Using in situ nanocellulose-coating technology based on dynamic bacterial cultures for upgrading conventional biomedical materials and reinforcing nanocellulose hydrogels. *Biotechnology Progress*, **2016**, 32, 1077-84	2.8	8
38	Production of bacterial nanocellulose and enzyme from [AMIM]Cl-pretreated waste cotton fabrics: effects of dyes on enzymatic saccharification and nanocellulose production. *Journal of Chemical Technology and Biotechnology*, **2016**, 91, 1413-1421	3.5	23
37	Potential of PVA-doped bacterial nano-cellulose tubular composites for artificial blood vessels. *Journal of Materials Chemistry B*, **2015**, 3, 8537-8547	7.3	59
36	Preparation and characterization of BC/PAM-AgNPs nanocomposites for antibacterial applications. *Carbohydrate Polymers*, **2015**, 115, 636-42	10.3	20
35	Bacterial nanocellulose/Nafion composite membranes for low temperature polymer electrolyte fuel cells. *Journal of Power Sources*, **2015**, 273, 697-706	8.9	73
34	Evaluation of Fungal Laccase Immobilized on Natural Nanostructured Bacterial Cellulose. *Frontiers in Microbiology*, **2015**, 6, 1245	5.7	40
33	Preliminary Study on Biosynthesis of Bacterial Nanocellulose Tubes in a Novel Double-Silicone-Tube Bioreactor for Potential Vascular Prosthesis. *BioMed Research International*, **2015**, 2015, 560365	3	24
32	Single Inductor Dual Buck Full-Bridge Inverter. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 4869-4877	8.9	37
31	A review of catalysts for the electroreduction of carbon dioxide to produce low-carbon fuels. *Chemical Society Reviews*, **2014**, 43, 631-75	58.5	1890
30	Tolerance of the nanocellulose-producing bacterium Gluconacetobacter xylinus to lignocellulose-derived acids and aldehydes. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 9792-9	5.7	14
29	Effects of aromatic compounds on the production of bacterial nanocellulose by Gluconacetobacter xylinus. *Microbial Cell Factories*, **2014**, 13, 62	6.4	24

28	Production of bacterial cellulose and enzyme from waste fiber sludge. *Biotechnology for Biofuels*, **2013**, 6, 25	7.8	90
27	Preparation and characterization of bacterial cellulose/hydroxypropyl chitosan blend as-spun fibers. *Fibers and Polymers*, **2013**, 14, 935-940	2	15
26	Biotransformation of wheat straw to bacterial cellulose and its mechanism. *Bioresource Technology*, **2013**, 135, 464-8	11	111
25	Comparison of methods for detoxification of spruce hydrolysate for bacterial cellulose production. *Microbial Cell Factories*, **2013**, 12, 93	6.4	70
24	Sterilization of Staphylococcus Aureus by an Atmospheric Non-Thermal Plasma Jet. *Plasma Science and Technology*, **2013**, 15, 439-442	1.5	30
23	Bacterial cellulose production from cotton-based waste textiles: enzymatic saccharification enhanced by ionic liquid pretreatment. *Bioresource Technology*, **2012**, 104, 503-8	11	156
22	Studies on the properties of graphene oxide-alkaline protease bio-composites. *Bioresource Technology*, **2012**, 115, 136-40	11	48
21	Application of phosphoric acid and phytic acid-doped bacterial cellulose as novel proton-conducting membranes to PEMFC. *International Journal of Hydrogen Energy*, **2012**, 37, 9182-9192	6.7	133
20	Polyacrylonitrile/polybenzoxazine-based Fe3O4@carbon nanofibers: hierarchical porous structure and magnetic adsorption property. *Journal of Materials Chemistry*, **2012**, 22, 15919		96
19	Oxalate decarboxylase of Trametes versicolor: biochemical characterization and performance in bleaching filtrates from the pulp and paper industry. *Journal of Chemical Technology and Biotechnology*, **2012**, 87, 1600-1606	3.5	3
18	Antimicrobial activity of silver nanoparticle impregnated bacterial cellulose membrane: Effect of fermentation carbon sources of bacterial cellulose. *Carbohydrate Polymers*, **2012**, 87, 839-845	10.3	165
17	Hydrothermal synthesis of bacterial cellulose/AgNPs composite: A "green" route for antibacterial application. *Carbohydrate Polymers*, **2012**, 87, 2482-2487	10.3	120
16	Preparation and evaluation of a kind of bacterial cellulose dry films with antibacterial properties. *Carbohydrate Polymers*, **2011**, 84, 533-538	10.3	195
15	Identification of a keratinase-producing bacterial strain and enzymatic study for its improvement on shrink resistance and tensile strength of wool- and polyester-blended fabric. *Applied Biochemistry and Biotechnology*, **2011**, 163, 112-26	3.2	18
14	Wheat straw acid hydrolysate as a potential cost-effective feedstock for production of bacterial cellulose. *Journal of Chemical Technology and Biotechnology*, **2011**, 86, 675-680	3.5	62
13	Nano-Cellulose Coating Small-Caliber Artificial Blood Vessel. *Advanced Materials Research*, **2011**, 332-334, 1794-1798	0.5	1
12	Induction of an oxalate decarboxylase in the filamentous fungus Trametes versicolor by addition of inorganic acids. *Applied Biochemistry and Biotechnology*, **2010**, 160, 655-64	3.2	8
11	Enzymatic production of epigallocatechin by using an epigallocatechin gallate hydrolase induced from Aspergillus oryzae. *Biotechnology Progress*, **2008**, 24, 583-7	2.8	3

10	Enzymatic conversion of epigallocatechin gallate to epigallocatechin with an inducible hydrolase from Aspergillus niger. *Biocatalysis and Biotransformation*, **2008**, 26, 306-312	2.5	8
9	Characterization of bacterial cellulose membrane by scanning electron microscope, Fourier transform infrared spectroscopy and thermo-gravimetric analysis. *Journal of Biotechnology*, **2008**, 136, S433	3.7	3
8	Induction of an oxalate decarboxylase in Trametes versicolor by addition of organic acids. *Journal of Biotechnology*, **2008**, 136, S323-S324	3.7	
7	An alternative carbon source from konjac powder for enhancing production of bacterial cellulose in static cultures by a model strain Acetobacter aceti subsp. xylinus ATCC 23770. *Carbohydrate Polymers*, **2008**, 72, 545-549	10.3	133
6	Preparation of a PET-Hydrolyzing Lipase from Aspergillus oryzae by the Addition of Bis(2-hydroxyethyl) Terephthalate to the Culture Medium and Enzymatic Modification of PET Fabrics. *Engineering in Life Sciences*, **2008**, 8, 268-276	3.4	30
5	3,4-Dihydro-1,4-benzothia-zepin-5(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 64, o113		
4	Oxidation capacity of laccases and peroxidases as reflected in experiments with methoxy-substituted benzyl alcohols. *Applied Biochemistry and Biotechnology*, **2006**, 129-132, 303-19	3.2	15
3	Rapid and convenient determination of oxalic acid employing a novel oxalate biosensor based on oxalate oxidase and SIRE technology. *Biosensors and Bioelectronics*, **2003**, 18, 1173-81	11.8	30
2	Fermentation strategies for improved heterologous expression of laccase in Pichia pastoris. *Biotechnology and Bioengineering*, **2002**, 79, 438-49	4.9	158
1	Enzymatic degradation of oxalic acid for prevention of scaling. *Progress in Biotechnology*, **2002**, 21, 231-238		10