

# Wenhui Wu

## 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.

81  
papers

1,039  
citations

19  
h-index

29  
g-index

89  
ext. papers

1,347  
ext. citations

4.4  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
81	FGFC1 Exhibits Anti-Cancer Activity via Inhibiting NF- $\kappa$ B Signaling Pathway in $\beta$ -Mutant NSCLC Cells.. <i>Marine Drugs</i> , <b>2022</b> , 20,	6	1
80	The Molecular Interaction of Collagen with Cell Receptors for Biological Function.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	3
79	Synthesis of Coumarin Derivatives: A New Class of Coumarin-Based G Protein-Coupled Receptor Activators and Inhibitors. <i>Polymers</i> , <b>2022</b> , 14, 2021	4.5	0
78	FGFC1 Selectively Inhibits Erlotinib-Resistant Non-Small Cell Lung Cancer Elevation of ROS Mediated by the EGFR/PI3K/Akt/mTOR Pathway.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 764699	5.6	0
77	Enhancing osteoblast differentiation through small molecule-incorporated engineered nanofibrous scaffold. <i>Clinical Oral Investigations</i> , <b>2021</b> , 1	4.2	0
76	Discovery of Venturicidin Congeners and Identification of the Biosynthetic Gene Cluster from sp. NRRL S-4. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 110-119	4.9	4
75	In Vitro Study of the Fibrinolytic Activity via Single Chain Urokinase-Type Plasminogen Activator and Molecular Docking of FGFC1. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
74	Synthesis and Bioactivities of Marine Pyran-Isoindolone Derivatives as Potential Antithrombotic Agents. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	2
73	Evaluation of $\beta$ -Chitosan from Crab Shell and $\beta$ -Chitosan from Squid Gladius Based on Biochemistry Performance. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3183	2.6	2
72	A Multifunctional N-Doped Cu-MOFs (N-Cu-MOF) Nanomaterial-Driven Electrochemical Aptasensor for Sensitive Detection of Deoxynivalenol. <i>Molecules</i> , <b>2021</b> , 26,	4.8	8
71	Nutritional Effects of the Enteral Nutritional Formula on Regulation of Gut Microbiota and Metabolic Level in Type 2 Diabetes Mellitus Mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2021</b> , 14, 1855-1869	3.4	0
70	Natural Triterpenoids Isolated from Akebia trifoliata Stem Explants Exert a Hypoglycemic Effect via $\alpha$ -Glucosidase Inhibition and Glucose Uptake Stimulation in Insulin-Resistant HepG2 Cells. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2001030	2.5	3
69	Bletilla striata Polysaccharides Improve Hemostatic, Antiinflammatory Efficacy, and Platelet Aggregation in Gingivitis Rat Model. <i>Starch/Staerke</i> , <b>2021</b> , 73, 2000185	2.3	2
68	Fabrication of Chinese Traditional Medicines incorporated collagen biomaterials for human bone marrow mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 139, 111659	7.5	4
67	The hidden secrets of soluble RANKL in bone biology. <i>Cytokine</i> , <b>2021</b> , 144, 155559	4	2
66	The Effect of Oral Nutritional Formula With Three Different Proteins on Type 2 Diabetes Mellitus. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 680700	6.2	
65	Syntheses and evaluation of daphnetin derivatives as novel G protein-coupled receptor inhibitors and activators. <i>Bioorganic Chemistry</i> , <b>2020</b> , 104, 104342	5.1	3

64	Recent Advances on Marine Alkaloids from Sponges. <i>Chemistry and Biodiversity</i> , <b>2020</b> , 17, e2000186	2.5	10
63	Biomimetic collagen-sodium alginate-titanium oxide (TiO) 3D matrix supports differentiated periodontal ligament fibroblasts growth for periodontal tissue regeneration. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 9-18	7.9	12
62	Recent Advancement of Molecular Structure and Biomaterial Function of Chitosan from Marine Organisms for Pharmaceutical and Nutraceutical Application. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4719	2.6	15
61	Structure-Activity Relationships of Natural and Synthetic Indole-Derived Scaffolds as $\beta$ -Glucosidase Inhibitors: A Mini-Review. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 1791-1818	3.2	3
60	Structure characterization and immunomodulatory activity of a new neutral polysaccharide SMP-0b from <i>Solanum muricatum</i> . <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 853-860	7.9	11
59	Resveratrol and Celastrol Loaded Collagen Dental Implants Regulate Periodontal Ligament Fibroblast Growth and Osteoclastogenesis of Bone Marrow Macrophages. <i>Chemistry and Biodiversity</i> , <b>2020</b> , 17, e2000295	2.5	4
58	The Structural Characteristics and Biological Activities of Intracellular Polysaccharide Derived from Mutagenic Strain. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
57	Treatment with Docosahexaenoic Acid Improves Epidermal Keratinocyte Differentiation and Ameliorates Inflammation in Human Keratinocytes and Reconstructed Human Epidermis Models. <i>Molecules</i> , <b>2019</b> , 24,	4.8	3
56	Particulated, Extracted Human Teeth Characterization by SEM?EDX Evaluation as a Biomaterial for Socket Preservation: An in vitro Study. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
55	Effect on lipid metabolism of mice continuously fed a crab-containing diet. <i>Food Bioscience</i> , <b>2019</b> , 30, 100422	4.9	0
54	Chitosan-Collagen 3D Matrix Mimics Trabecular Bone and Regulates RANKL-Mediated Paracrine Cues of Differentiated Osteoblast and Mesenchymal Stem Cells for Bone Marrow Macrophage-Derived Osteoclastogenesis. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	13
53	Collagen Peptide Upregulates Osteoblastogenesis from Bone Marrow Mesenchymal Stem Cells through MAPK- Runx2. <i>Cells</i> , <b>2019</b> , 8,	7.9	32
52	Structure-activity relationship and synthetic methodologies of $\beta$ -antoinin derivatives with diverse bioactivities: A mini-review. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 175, 215-233	6.8	15
51	Syntheses and bioactivities of songorine derivatives as novel G protein-coupled receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 1903-1910	3.4	6
50	Parathyroid Hormone-Related Protein (PTHrP) Accelerates Soluble RANKL Signals for Downregulation of Osteogenesis of Bone Mesenchymal Stem Cells. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	5
49	Review on Adaptation between Biomaterials Function of Chitosan and Its Structure. <i>Medicine Research</i> , <b>2019</b> , 3, 190013-0	1.5	3
48	Effect of IgY on Periodontitis and Halitosis Induced by. <i>Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 29, 311-320	3.3	5
47	Effects of ion concentrations on the hydroxyl radical scavenging rate and reducing power of fish collagen peptides. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12789	3.3	1

46	A Novel Effect of Lipids Extracted from Vernix Caseosa on Regulation of Filaggrin Expression in Human Epidermal Keratinocytes. <i>Annals of Dermatology</i> , <b>2019</b> , 31, 611-620	0.4	1
45	Natural Occurrence, Bioactivity and Biosynthesis of Elaiophyllin Analogues. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
44	Evaluation of Marine Diindolinonepyrane in Vitro and in Vivo: Permeability Characterization in Caco-2 Cells Monolayer and Pharmacokinetic Properties in Beagle Dogs. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	4
43	Physicochemical Characterization and Immunomodulatory Activity of a Novel Acid Polysaccharide from. <i>Polymers</i> , <b>2019</b> , 11,	4.5	3
42	Fish Collagen Surgical Compress Repairing Characteristics on Wound Healing Process In Vivo. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	54
41	A marine fibrinolytic compound FGFC1 stimulating enzymatic kinetic parameters of a reciprocal activation system based on a single chain urokinase-type plasminogen activator and plasminogen. <i>Process Biochemistry</i> , <b>2018</b> , 68, 190-196	4.8	4
40	Cross-talk between primary osteocytes and bone marrow macrophages for osteoclastogenesis upon collagen treatment. <i>Scientific Reports</i> , <b>2018</b> , 8, 5318	4.9	14
39	Evaluation of a New Dental Implant Cervical Design in Comparison with a Conventional Design in an Experimental American Foxhound Model. <i>Materials</i> , <b>2018</b> , 11,	3.5	2
38	Extraction and characterization of type I collagen from skin of tilapia ( <i>Oreochromis niloticus</i> ) and its potential application in biomedical scaffold material for tissue engineering. <i>Process Biochemistry</i> , <b>2018</b> , 74, 156-163	4.8	47
37	Evaluation of Differentiated Bone Cells Proliferation by Blue Shark Skin Collagen via Biochemical for Bone Tissue Engineering. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	24
36	Influence of Implant Neck Design on Peri-Implant Tissue Dimensions: A Comparative Study in Dogs. <i>Materials</i> , <b>2018</b> , 11,	3.5	5
35	Evaluation of the Surrounding Ring of Two Different Extra-Short Implant Designs in Crestal Bone Maintenance: A Histologic Study in Dogs. <i>Materials</i> , <b>2018</b> , 11,	3.5	3
34	Analysis and Evaluation of the Characteristic Taste Components in Portobello Mushroom. <i>Journal of Food Science</i> , <b>2018</b> , 83, 1542-1551	3.4	12
33	Immunological effects of collagen and collagen peptide from blue shark cartilage on 6T-CEM cells. <i>Process Biochemistry</i> , <b>2017</b> , 57, 219-227	4.8	17
32	Effect of chemical and biological cross-linkers on mechanical and functional properties of shark catfish skin collagen films. <i>Food Bioscience</i> , <b>2017</b> , 17, 42-51	4.9	27
31	Pharmacological effects of a recombinant hPTH(1-34) derived peptide on ovariectomized rats. <i>European Journal of Pharmacology</i> , <b>2017</b> , 794, 193-200	5.3	6
30	A New Biphasic Dicalcium Silicate Bone Cement Implant. <i>Materials</i> , <b>2017</b> , 10,	3.5	4
29	Producing Novel Fibrinolytic Isoindolinone Derivatives in Marine Fungus <i>Stachybotrys longispora</i> FG216 by the Rational Supply of Amino Compounds According to Its Biosynthesis Pathway. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	14

28	A Si-III-CP Scaffold for Biomedical Applications: An Experimental Study Using the Rabbit Tibia Model. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 706	2.6	12
27	Fibrinolytic Evaluation of Compounds Isolated from a Marine Fungus <i>Stachybotrys longispora</i> FG216. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 1194-1198	4.9	6
26	The recovery effects of <i>Perinereis aibuhitensis</i> Grube added to enteral immune-enhancing nutrition in severely burned mice. <i>RSC Advances</i> , <b>2016</b> , 6, 92705-92715	3.7	1
25	Rheological, biocompatibility and osteogenesis assessment of fish collagen scaffold for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 51-9	7.9	69
24	Effect of CO <sub>2</sub> on Chemical and Microbial Changes of Pacific White Shrimp During Modified Atmosphere Packaging. <i>Journal of Aquatic Food Product Technology</i> , <b>2016</b> , 25, 644-655	1.6	3
23	Histological and histomorphometric analyses of narrow implants, crestal and subcrestally placed in severe alveolar atrophy: a study in foxhound dogs. <i>Clinical Oral Implants Research</i> , <b>2016</b> , 27, 497-504	4.8	0
22	Physicochemical and Rheological Properties of Composite Shark Catfish ( <i>Pangasius pangasius</i> ) Skin Collagen Films Integrated with Chitosan and Calcium Salts. <i>Journal of Food Biochemistry</i> , <b>2016</b> , 40, 304-315	3.3	12
21	Chemisorption Mechanism of DNA on Mg/Fe Layered Double Hydroxide Nanoparticles: Insights into Engineering Effective siRNA Delivery Systems. <i>Langmuir</i> , <b>2016</b> , 32, 2659-67	4	19
20	Structural characterization, in-vivo acute systemic toxicity assessment and in-vitro intestinal absorption properties of tilapia ( <i>Oreochromis niloticus</i> ) skin acid and pepsin solubilized type I collagen. <i>Process Biochemistry</i> , <b>2016</b> , 51, 2017-2025	4.8	30
19	Biological width formation to immediate implants placed at different level in relation to the crestal bone: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, 788-98	4.8	9
18	A GC-MS-based metabolomics investigation on scallop ( <i>Chlamys farreri</i> ) during semi-anhydrous living-preservation. <i>Innovative Food Science and Emerging Technologies</i> , <b>2015</b> , 31, 185-195	6.8	16
17	Histological and Histomorphometric Evaluation of Zirconia Dental Implants Modified by Femtosecond Laser versus Titanium Implants: An Experimental Study in Fox Hound Dogs. <i>Clinical Implant Dentistry and Related Research</i> , <b>2015</b> , 17, 525-32	3.9	20
16	Inhibition of HMG-CoA reductase by MFS, a purified extract from the fermentation of marine fungus <i>Fusarium solani</i> FG319, and optimization of MFS production using response surface methodology. <i>Chinese Journal of Natural Medicines</i> , <b>2015</b> , 13, 346-54	2.8	1
15	Influence of collar design on peri-implant tissue healing around immediate implants: A pilot study in Foxhound dogs. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, 851-7	4.8	11
14	Three New 29 Carbon Skeletons Pentacyclic Triterpenoids and S-equol from Biogas Slurry. <i>Bulletin of the Korean Chemical Society</i> , <b>2015</b> , 36, 2862-2868	1.2	3
13	Identification and Fibrinolytic Evaluation of an Isoindolone Derivative Isolated from a Rare Marine Fungus <i>Stachybotrys longispora</i> FG216. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 1089-1095	4.9	9
12	Physico-chemical, antioxidant and intestinal absorption properties of whale shark type-II collagen based on its solubility with acid and pepsin. <i>Process Biochemistry</i> , <b>2015</b> , 50, 463-472	4.8	39
11	Purification, characterization and antioxidant properties of low molecular weight collagenous polypeptide (37 kDa) prepared from whale shark cartilage ( <i>Rhincodon typus</i> ). <i>Journal of Food Science and Technology</i> , <b>2015</b> , 52, 6312-22	3.3	24

10	Effects of a novel marine natural product: pyrano indolone alkaloid fibrinolytic compound on thrombolysis and hemorrhagic activities in vitro and in vivo. <i>Archives of Pharmacal Research</i> , <b>2015</b> , 38, 1530-40	6.1	12
9	Isolation, purification and characterization of pepsin soluble collagen isolated from silvertip shark ( <i>Carcharhinus albimarginatus</i> ) skeletal and head bone. <i>Process Biochemistry</i> , <b>2014</b> , 49, 1767-1777	4.8	49
8	Analyses of Trace Crystal Violet and Leucocrystal Violet with Gold Nanospheres and Commercial Gold Nanosubstrates for Surface-Enhanced Raman Spectroscopy. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 2107-2112	2.1	21
7	Type II collagen and gelatin from silvertip shark ( <i>Carcharhinus albimarginatus</i> ) cartilage: isolation, purification, physicochemical and antioxidant properties. <i>Marine Drugs</i> , <b>2014</b> , 12, 3852-73	6	73
6	In vivo study of spoilage bacteria on polyphenoloxidase activity and melanosis of modified atmosphere packaged Pacific white shrimp. <i>Food Chemistry</i> , <b>2014</b> , 155, 126-31	8.5	24
5	Comparison of three hydroxyapatite/tricalcium phosphate/collagen ceramic scaffolds: an in vivo study. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 1037-46	5.4	39
4	Study of the quality changes and myofibrillar proteins of white shrimp ( <i>Litopenaeus vannamei</i> ) under modified atmosphere packaging with varying CO <sub>2</sub> levels. <i>European Food Research and Technology</i> , <b>2013</b> , 236, 629-635	3.4	28
3	Pharmacokinetics and tissue distribution of a novel marine fibrinolytic compound in Wistar rat following intravenous administrations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 942-943, 77-82	3.2	7
2	Oral Administration of Shark Type II Collagen Suppresses Complete Freund's Adjuvant-Induced Rheumatoid Arthritis in Rats. <i>Pharmaceuticals</i> , <b>2012</b> , 5, 339-52	5.2	23
1	Physical properties, mechanical behavior, and electron microscopy study of a new PEGCP block graft with silicon in an animal model. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2012</b> , 100, 3446-54	5.4	38