

Wenhui Wu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3214514/wenhui-wu-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Type II collagen and gelatin from silvertip shark (<i>Carcharhinus albimarginatus</i>) cartilage: isolation, purification, physicochemical and antioxidant properties. <i>Marine Drugs</i> , 2014 , 12, 3852-73	6	73
80	Rheological, biocompatibility and osteogenesis assessment of fish collagen scaffold for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 51-9	7.9	69
79	Fish Collagen Surgical Compress Repairing Characteristics on Wound Healing Process In Vivo. <i>Marine Drugs</i> , 2019 , 17,	6	54
78	Isolation, purification and characterization of pepsin soluble collagen isolated from silvertip shark (<i>Carcharhinus albimarginatus</i>) skeletal and head bone. <i>Process Biochemistry</i> , 2014 , 49, 1767-1777	4.8	49
77	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> , 2018 , 74, 156-163	4.8	47
76	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> , 2015 , 50, 463-472	4.8	39
75	Comparison of three hydroxyapatite/tricalcium phosphate/collagen ceramic scaffolds: an in vivo study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 1037-46	5.4	39
74	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> , 2012 , 100, 3446-54	5.4	38
73	Collagen Peptide Upregulates Osteoblastogenesis from Bone Marrow Mesenchymal Stem Cells through MAPK- Runx2. <i>Cells</i> , 2019 , 8,	7.9	32
72	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> , 2016 , 51, 2017-2025	4.8	30
71	Study of the quality changes and myofibrillar proteins of white shrimp (<i>Litopenaeus vannamei</i>) under modified atmosphere packaging with varying CO ₂ levels. <i>European Food Research and Technology</i> , 2013 , 236, 629-635	3.4	28
70	Effect of chemical and biological cross-linkers on mechanical and functional properties of shark catfish skin collagen films. <i>Food Bioscience</i> , 2017 , 17, 42-51	4.9	27
69	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> , 2015 , 52, 6312-22	3.3	24
68	In vivo study of spoilage bacteria on polyphenoloxidase activity and melanosis of modified atmosphere packaged Pacific white shrimp. <i>Food Chemistry</i> , 2014 , 155, 126-31	8.5	24
67	Evaluation of Differentiated Bone Cells Proliferation by Blue Shark Skin Collagen via Biochemical for Bone Tissue Engineering. <i>Marine Drugs</i> , 2018 , 16,	6	24
66	Oral Administration of Shark Type II Collagen Suppresses Complete Freund's Adjuvant-Induced Rheumatoid Arthritis in Rats. <i>Pharmaceuticals</i> , 2012 , 5, 339-52	5.2	23
65	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> , 2014 , 7, 2107-2112	2.4	21

64	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> , 2015 , 17, 525-32	3.9	20
63	Chemisorption Mechanism of DNA on Mg/Fe Layered Double Hydroxide Nanoparticles: Insights into Engineering Effective SiRNA Delivery Systems. <i>Langmuir</i> , 2016 , 32, 2659-67	4	19
62	Immunological effects of collagen and collagen peptide from blue shark cartilage on 6T-CEM cells. <i>Process Biochemistry</i> , 2017 , 57, 219-227	4.8	17
61	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> , 2015 , 31, 185-195	6.8	16
60	Structure-activity relationship and synthetic methodologies of Ebsantonin derivatives with diverse bioactivities: A mini-review. <i>European Journal of Medicinal Chemistry</i> , 2019 , 175, 215-233	6.8	15
59	Recent Advancement of Molecular Structure and Biomaterial Function of Chitosan from Marine Organisms for Pharmaceutical and Nutraceutical Application. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4719	2.6	15
58	Cross-talk between primary osteocytes and bone marrow macrophages for osteoclastogenesis upon collagen treatment. <i>Scientific Reports</i> , 2018 , 8, 5318	4.9	14
57	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> , 2017 , 15,	6	14
56	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> , 2019 , 9,	5.9	13
55	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> , 2020 , 163, 9-18	7.9	12
54	A Si-III-CP Scaffold for Biomedical Applications: An Experimental Study Using the Rabbit Tibia Model. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 706	2.6	12
53	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> , 2015 , 38, 1530-40	6.1	12
52	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> , 2016 , 40, 304-313	3.3	12
51	Analysis and Evaluation of the Characteristic Taste Components in Portobello Mushroom. <i>Journal of Food Science</i> , 2018 , 83, 1542-1551	3.4	12
50	Particulated, Extracted Human Teeth Characterization by SEM?EDX Evaluation as a Biomaterial for Socket Preservation: An in vitro Study. <i>Materials</i> , 2019 , 12,	3.5	11
49	Influence of collar design on peri-implant tissue healing around immediate implants: A pilot study in Foxhound dogs. <i>Clinical Oral Implants Research</i> , 2015 , 26, 851-7	4.8	11
48	Structure characterization and immunomodulatory activity of a new neutral polysaccharide SMP-0b from <i>Solanum muricatum</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 853-860	7.9	11
47	Recent Advances on Marine Alkaloids from Sponges. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000186	2.5	10

46	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> , 2015 , 26, 788-98	4.8	9
45	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> , 2015 , 33, 1089-1095	4.9	9
44	A Multifunctional N-Doped Cu-MOFs (N-Cu-MOF) Nanomaterial-Driven Electrochemical Aptasensor for Sensitive Detection of Deoxynivalenol. <i>Molecules</i> , 2021 , 26,	4.8	8
43	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> , 2013 , 942-943, 77-82	3.2	7
42	Syntheses and bioactivities of songorine derivatives as novel G protein-coupled receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1903-1910	3.4	6
41	Fibrinolytic Evaluation of Compounds Isolated from a Marine Fungus <i>Stachybotrys longispora</i> FG216. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 1194-1198	4.9	6
40	Pharmacological effects of a recombinant hPTH(1-34) derived peptide on ovariectomized rats. <i>European Journal of Pharmacology</i> , 2017 , 794, 193-200	5.3	6
39	Natural Occurrence, Bioactivity and Biosynthesis of Elaiophylin Analogues. <i>Molecules</i> , 2019 , 24,	4.8	6
38	Parathyroid Hormone-Related Protein (PTHrP) Accelerates Soluble RANKL Signals for Downregulation of Osteogenesis of Bone Mesenchymal Stem Cells. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
37	Effect of IgY on Periodontitis and Halitosis Induced by. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 311-320	3.3	5
36	Influence of Implant Neck Design on Peri-Implant Tissue Dimensions: A Comparative Study in Dogs. <i>Materials</i> , 2018 , 11,	3.5	5
35	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> , 2018 , 68, 190-196	4.8	4
34	A New Biphasic Dicalcium Silicate Bone Cement Implant. <i>Materials</i> , 2017 , 10,	3.5	4
33	Discovery of Venturicidin Congeners and Identification of the Biosynthetic Gene Cluster from sp. NRRL S-4. <i>Journal of Natural Products</i> , 2021 , 84, 110-119	4.9	4
32	Resveratrol and Celastrol Loaded Collagen Dental Implants Regulate Periodontal Ligament Fibroblast Growth and Osteoclastogenesis of Bone Marrow Macrophages. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000295	2.5	4
31	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> , 2019 , 17,	6	4
30	Fabrication of Chinese Traditional Medicines incorporated collagen biomaterials for human bone marrow mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111659	7.5	4
29	Treatment with Docosahexaenoic Acid Improves Epidermal Keratinocyte Differentiation and Ameliorates Inflammation in Human Keratinocytes and Reconstructed Human Epidermis Models. <i>Molecules</i> , 2019 , 24,	4.8	3

28	Syntheses and evaluation of daphnetin derivatives as novel G protein-coupled receptor inhibitors and activators. <i>Bioorganic Chemistry</i> , 2020 , 104, 104342	5.1	3
27	Effect of CO ₂ on Chemical and Microbial Changes of Pacific White Shrimp During Modified Atmosphere Packaging. <i>Journal of Aquatic Food Product Technology</i> , 2016 , 25, 644-655	1.6	3
26	Three New 29 Carbon Skeletons Pentacyclic Triterpenoids and S-equol from Biogas Slurry. <i>Bulletin of the Korean Chemical Society</i> , 2015 , 36, 2862-2868	1.2	3
25	Review on Adaptation between Biomaterials Function of Chitosan and Its Structure. <i>Medicine Research</i> , 2019 , 3, 190013-0	1.5	3
24	Structure-Activity Relationships of Natural and Synthetic Indole-Derived Scaffolds as β -Glucosidase Inhibitors: A Mini-Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020 , 20, 1791-1818	3.2	3
23	Natural Triterpenoids Isolated from <i>Akebia trifoliata</i> Stem Explants Exert a Hypoglycemic Effect via β -Glucosidase Inhibition and Glucose Uptake Stimulation in Insulin-Resistant HepG2 Cells. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2001030	2.5	3
22	Physicochemical Characterization and Immunomodulatory Activity of a Novel Acid Polysaccharide from. <i>Polymers</i> , 2019 , 11,	4.5	3
21	Evaluation of the Surrounding Ring of Two Different Extra-Short Implant Designs in Crestal Bone Maintenance: A Histologic Study in Dogs. <i>Materials</i> , 2018 , 11,	3.5	3
20	The Molecular Interaction of Collagen with Cell Receptors for Biological Function.. <i>Polymers</i> , 2022 , 14,	4.5	3
19	Evaluation of a New Dental Implant Cervical Design in Comparison with a Conventional Design in an Experimental American Foxhound Model. <i>Materials</i> , 2018 , 11,	3.5	2
18	In Vitro Study of the Fibrinolytic Activity via Single Chain Urokinase-Type Plasminogen Activator and Molecular Docking of FGFC1. <i>Molecules</i> , 2021 , 26,	4.8	2
17	Synthesis and Bioactivities of Marine Pyran-Isoindolone Derivatives as Potential Antithrombotic Agents. <i>Marine Drugs</i> , 2021 , 19,	6	2
16	Evaluation of β -Chitosan from Crab Shell and β -Chitosan from Squid Gladius Based on Biochemistry Performance. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3183	2.6	2
15	<i>Bletilla striata</i> Polysaccharides Improve Hemostatic, Antiinflammatory Efficacy, and Platelet Aggregation in Gingivitis Rat Model. <i>Starch/Staerke</i> , 2021 , 73, 2000185	2.3	2
14	The hidden secrets of soluble RANKL in bone biology. <i>Cytokine</i> , 2021 , 144, 155559	4	2
13	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> , 2015 , 13, 346-54	2.8	1
12	The recovery effects of <i>Perinereis aibuhitensis</i> Grube added to enteral immune-enhancing nutrition in severely burned mice. <i>RSC Advances</i> , 2016 , 6, 92705-92715	3.7	1
11	FGFC1 Exhibits Anti-Cancer Activity via Inhibiting NF- κ B Signaling Pathway in -Mutant NSCLC Cells.. <i>Marine Drugs</i> , 2022 , 20,	6	1

10	The Structural Characteristics and Biological Activities of Intracellular Polysaccharide Derived from Mutagenic Strain. <i>Molecules</i> , 2020 , 25,	4.8	1
9	Effects of ion concentrations on the hydroxyl radical scavenging rate and reducing power of fish collagen peptides. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12789	3.3	1
8	A Novel Effect of Lipids Extracted from Vernix Caseosa on Regulation of Filaggrin Expression in Human Epidermal Keratinocytes. <i>Annals of Dermatology</i> , 2019 , 31, 611-620	0.4	1
7	Effect on lipid metabolism of mice continuously fed a crab-containing diet. <i>Food Bioscience</i> , 2019 , 30, 100422	4.9	0
6	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> , 2021 , 12, 764699	5.6	0
5	Enhancing osteoblast differentiation through small molecule-incorporated engineered nanofibrous scaffold. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	0
4	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> , 2021 , 14, 1855-1869	3.4	0
3	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> , 2016 , 27, 497-504	4.8	0
2	Synthesis of Coumarin Derivatives: A New Class of Coumarin-Based G Protein-Coupled Receptor Activators and Inhibitors. <i>Polymers</i> , 2022 , 14, 2021	4.5	0
1	The Effect of Oral Nutritional Formula With Three Different Proteins on Type 2 Diabetes Mellitus. <i>Frontiers in Nutrition</i> , 2021 , 8, 680700	6.2	