

# Ling Wang

## List of Publications by Year in descending order

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52  
papers

3,317  
citations

186209

28  
h-index

189801

50  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interwoven Aligned Conductive Nanofiber Yarn/Hydrogel Composite Scaffolds for Engineered 3D Cardiac Anisotropy. <i>ACS Nano</i> , 2017, 11, 5646-5659.	7.3	373
2	Nanofiber Yarn/Hydrogel Core-Shell Scaffolds Mimicking Native Skeletal Muscle Tissue for Guiding 3D Myoblast Alignment, Elongation, and Differentiation. <i>ACS Nano</i> , 2015, 9, 9167-9179.	7.3	317
3	Electroactive biodegradable polyurethane significantly enhanced Schwann cells myelin gene expression and neurotrophin secretion for peripheral nerve tissue engineering. <i>Biomaterials</i> , 2016, 87, 18-31.	5.7	281
4	Electrospun conductive nanofibrous scaffolds for engineering cardiac tissue and 3D bioactuators. <i>Acta Biomaterialia</i> , 2017, 59, 68-81.	4.1	255
5	Strong Electroactive Biodegradable Shape Memory Polymer Networks Based on Star-Shaped Polylactide and Aniline Trimer for Bone Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6772-6781.	4.0	172
6	Self-healing supramolecular bioelastomers with shape memory property as a multifunctional platform for biomedical applications via modular assembly. <i>Biomaterials</i> , 2016, 104, 18-31.	5.7	162
7	Aligned conductive core-shell biomimetic scaffolds based on nanofiber yarns/hydrogel for enhanced 3D neurite outgrowth alignment and elongation. <i>Acta Biomaterialia</i> , 2019, 96, 175-187.	4.1	148
8	Cytocompatible injectable carboxymethyl chitosan/N-isopropylacrylamide hydrogels for localized drug delivery. <i>Carbohydrate Polymers</i> , 2014, 103, 110-118.	5.1	135
9	Ductile electroactive biodegradable hyperbranched polylactide copolymers enhancing myoblast differentiation. <i>Biomaterials</i> , 2015, 71, 158-167.	5.7	101
10	Micropatterned, electroactive, and biodegradable poly(glycerol sebacate)-aniline trimer elastomer for cardiac tissue engineering. <i>Chemical Engineering Journal</i> , 2019, 366, 208-222.	6.6	95
11	miRNAs in Urine Extracellular Vesicles as Predictors of Early-Stage Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-10.	1.0	91
12	Injectable biodegradable hydrogels and microgels based on methacrylated poly(ethylene Terephthalate) for cell encapsulation. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3674.	2.9	82
13	Conductive micropatterned polyurethane films as tissue engineering scaffolds for Schwann cells and PC12 cells. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 252-262.	5.0	78
14	3D bioprinted multiscale composite scaffolds based on gelatin methacryloyl (GelMA)/chitosan microspheres as a modular bioink for enhancing 3D neurite outgrowth and elongation. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 162-173.	5.0	72
15	The coordinated roles of miR-26a and miR-30c in regulating TGF $\beta$ 1-induced epithelial-to-mesenchymal transition in diabetic nephropathy. <i>Scientific Reports</i> , 2016, 6, 37492.	1.6	60
16	3D bioprinting in cardiac tissue engineering. <i>Theranostics</i> , 2021, 11, 7948-7969.	4.6	56
17	High glucose up-regulates microRNA-34a-5p to aggravate fibrosis by targeting SIRT1 in HK-2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 38-44.	1.0	52
18	Electroactive nanofibrous biomimetic scaffolds by thermally induced phase separation. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6119.	2.9	51

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19	Targeted delivery of extracellular vesicles in heart injury. <i>Theranostics</i> , 2021, 11, 2263-2277.	4.6	50
20	Extracellular Vesicles from Albumin-Induced Tubular Epithelial Cells Promote the M1 Macrophage Phenotype by Targeting Klotho. <i>Molecular Therapy</i> , 2019, 27, 1452-1466.	3.7	47
21	An Injectable Asymmetric Adhesive Hydrogel as a GATA6 Cavity Macrophage Trap to Prevent the Formation of Postoperative Adhesions after Minimally Invasive Surgery. <i>Advanced Functional Materials</i> , 2022, 32, 2110066.	7.8	42
22	Exendin-4 ameliorates high glucose-induced fibrosis by inhibiting the secretion of miR-192 from injured renal tubular epithelial cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-13.	3.2	40
23	MiR-4756 promotes albumin-induced renal tubular epithelial cell epithelial-mesenchymal transition and endoplasmic reticulum stress via targeting Sestrin2. <i>Journal of Cellular Physiology</i> , 2019, 234, 2905-2915.	2.0	39
24	Biomimetic and molecular level-based silicate bioactive glass-gelatin hybrid implants for loading-bearing bone fixation and repair. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5153.	2.9	38
25	LncRNA GAS5 exacerbates renal tubular epithelial fibrosis by acting as a competing endogenous RNA of miR-96-5p. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109411.	2.5	35
26	Long noncoding RNA NEAT1 is involved in the protective effect of Klotho on renal tubular epithelial cells in diabetic kidney disease through the ERK1/2 signaling pathway. <i>Experimental and Molecular Medicine</i> , 2020, 52, 266-280.	3.2	35
27	Injectable remote magnetic nanofiber/hydrogel multiscale scaffold for functional anisotropic skeletal muscle regeneration. <i>Biomaterials</i> , 2022, 285, 121537.	5.7	34
28	Different efficacies of common disinfection methods against candida auris and other candida species. <i>Journal of Infection and Public Health</i> , 2020, 13, 730-736.	1.9	33
29	Facile and green fabrication of biomimetic gelatin-siloxane hybrid hydrogel with highly elastic properties for biomedical applications. <i>Chemical Engineering Journal</i> , 2014, 251, 158-164.	6.6	28
30	Inflammation and Fibrosis in Perirenal Adipose Tissue of Patients With Aldosterone-Producing Adenoma. <i>Endocrinology</i> , 2018, 159, 227-237.	1.4	28
31	Inhibiting Rab27a in renal tubular epithelial cells attenuates the inflammation of diabetic kidney disease through the miR-26a-5p/CHAC1/NF- $\kappa$ B pathway. <i>Life Sciences</i> , 2020, 261, 118347.	2.0	27
32	Klotho down-regulates Egr-1 by inhibiting TGF- $\beta$ 1/Smad3 signaling in high glucose treated human mesangial cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 216-222.	1.0	24
33	Renoprotective effects of brown adipose tissue activation in diabetic mice. <i>Journal of Diabetes</i> , 2019, 11, 958-970.	0.8	20
34	Injectable microfluidic hydrogel microspheres based on chitosan and poly(ethylene glycol) diacrylate (PEGDA) as chondrocyte carriers. <i>RSC Advances</i> , 2020, 10, 39662-39672.	1.7	20
35	Honokiol improved chondrogenesis and suppressed inflammation in human umbilical cord derived mesenchymal stem cells via blocking nuclear factor- $\kappa$ B pathway. <i>BMC Cell Biology</i> , 2017, 18, 29.	3.0	19
36	TXNIP mediated the oxidative stress response in glomerular mesangial cells partially through AMPK pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 785-792.	2.5	19

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37	Increased oxidative stress, inflammation and fibrosis in perirenal adipose tissue of patients with cortisol-producing adenoma. <i>Adipocyte</i> , 2019, 8, 347-356.	1.3	16
38	Clinical and microbiological characteristics of nosocomial, healthcare-associated, and community-acquired <i>Klebsiella pneumoniae</i> infections in Guangzhou, China. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 41.	1.5	16
39	Long noncoding RNA XIST regulates brown preadipocytes differentiation and combats high-fat diet induced obesity by targeting C/EBP $\beta$ . <i>Molecular Medicine</i> , 2022, 28, 6.	1.9	16
40	Fabrication of T $\beta$ 4-Exosome-releasing artificial stem cells for myocardial infarction therapy by improving coronary collateralization. <i>Bioactive Materials</i> , 2022, 14, 416-429.	8.6	16
41	3D-printed high-density polyethylene scaffolds with bioactive and antibacterial layer-by-layer modification for auricle reconstruction. <i>Materials Today Bio</i> , 2022, 16, 100361.	2.6	16
42	Brown adipose tissue transplantation ameliorates diabetic nephropathy through the miR-30b pathway by targeting Runx1. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154916.	1.5	15
43	miR-23a-3p regulates the inflammatory response and fibrosis in diabetic kidney disease by targeting early growth response 1. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 763-774.	0.7	12
44	The HDAC2/SP1/miR-205 feedback loop contributes to tubular epithelial cell extracellular matrix production in diabetic kidney disease. <i>Clinical Science</i> , 2022, 136, 223-238.	1.8	10
45	Efficacy and safety of coadministration of sitagliptin with insulin glargine in type 2 diabetes. <i>Journal of Diabetes</i> , 2017, 9, 502-509.	0.8	8
46	Association between procalcitonin levels and carotid atherosclerosis in acute ischemic stroke patients. <i>International Journal of Neuroscience</i> , 2018, 128, 237-242.	0.8	8
47	Comparative Analysis of Antimicrobial Resistance, Integrons, and Virulence Genes Among Extended-Spectrum $\beta$ -Lactamase-Positive <i>Laribacter hongkongensis</i> from Edible Frogs and Freshwater Fish. <i>Microbial Drug Resistance</i> , 2019, 25, 855-864.	0.9	8
48	Quantitative assessment and determinants of foveal avascular zone in healthy volunteers. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110149.	0.4	7
49	Exendin-4 Improves Diabetic Kidney Disease in C57BL/6 Mice Independent of Brown Adipose Tissue Activation. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-12.	1.0	6
50	Characterization of type I-F CRISPR-Cas system in <i>Laribacter hongkongensis</i> isolates from animals, the environment and diarrhea patients. <i>International Journal of Food Microbiology</i> , 2021, 346, 109153.	2.1	4
51	Circ 0006282/miR-155 reduced inflammation in diabetic nephropathy via expression of SIRT1/NLRP3 signaling pathway. <i>Food Science and Technology</i> , 0, , .	0.8	0
52	Unraveling metabolism heterogeneity in colorectal cancer and its implications in pan-cancer cohort.. <i>Journal of Clinical Oncology</i> , 2020, 38, e16016-e16016.	0.8	0