

Ning Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,278
citations

218381

26
h-index

264894

42
g-index

108
all docs

108
docs citations

108
times ranked

3064
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced smart biomaterials and constructs for hard tissue engineering and regeneration. <i>Bone Research</i> , 2018, 6, 31.	5.4	206
2	Protein-repellent and antibacterial dental composite to inhibit biofilms and caries. <i>Journal of Dentistry</i> , 2015, 43, 225-234.	1.7	81
3	Dynamic stress relaxation of orthodontic thermoplastic materials in a simulated oral environment. <i>Dental Materials Journal</i> , 2013, 32, 946-951.	0.8	77
4	Development of a multifunctional adhesive system for prevention of root caries and secondary caries. <i>Dental Materials</i> , 2015, 31, 1119-1131.	1.6	77
5	The Disability Rate of 5-Year Post-Stroke and Its Correlation Factors: A National Survey in China. <i>PLoS ONE</i> , 2016, 11, e0165341.	1.1	75
6	Depression after minor stroke: Prevalence and predictors. <i>Journal of Psychosomatic Research</i> , 2015, 79, 143-147.	1.2	71
7	Effect of calcium phosphate nanocomposite on in vitro remineralization of human dentin lesions. <i>Dental Materials</i> , 2017, 33, 1033-1044.	1.6	67
8	Preparation and characterization of thermoplastic materials for invisible orthodontics. <i>Dental Materials Journal</i> , 2011, 30, 954-959.	0.8	66
9	Development of novel dental adhesive with double benefits of protein-repellent and antibacterial capabilities. <i>Dental Materials</i> , 2015, 31, 845-854.	1.6	54
10	Poststroke Depression and Risk of Recurrent Stroke at 1 Year in a Chinese Cohort Study. <i>PLoS ONE</i> , 2012, 7, e46906.	1.1	53
11	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. <i>International Journal of Oral Science</i> , 2015, 7, 103-109.	3.6	53
12	Depression after minor stroke: the association with disability and quality of life â€“ a 1â€‘year followâ€‘up study. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 421-427.	1.3	49
13	Post-stroke depression: different characteristics based on follow-up stage and genderâ€‘a cohort perspective study from Mainland China. <i>Neurological Research</i> , 2017, 39, 996-1005.	0.6	40
14	Novel protein-repellent dental adhesive containing 2-methacryloyloxyethyl phosphorylcholine. <i>Journal of Dentistry</i> , 2014, 42, 1284-1291.	1.7	39
15	Do Dental Resin Composites Accumulate More Oral Biofilms and Plaque than Amalgam and Glass Ionomer Materials?. <i>Materials</i> , 2016, 9, 888.	1.3	39
16	Orthodontic cement with protein-repellent and antibacterial properties and the release of calcium and phosphate ions. <i>Journal of Dentistry</i> , 2016, 50, 51-59.	1.7	39
17	Antibacterial and protein-repellent orthodontic cement to combat biofilms and white spot lesions. <i>Journal of Dentistry</i> , 2015, 43, 1529-1538.	1.7	37
18	Higher yield and enhanced therapeutic effects of exosomes derived from MSCs in hydrogel-assisted 3D culture system for bone regeneration. <i>Materials Science and Engineering C</i> , 2022, 133, 112646.	3.8	37

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19	Time Course of Depression and One-Year Prognosis of Patients with Stroke in Mainland China. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 475-481.	1.9	36
20	Nanostructured Polymeric Materials with Protein-Repellent and Anti-Caries Properties for Dental Applications. <i>Nanomaterials</i> , 2018, 8, 393.	1.9	36
21	Effects of Long-Term Water-Aging on Novel Anti-Biofilm and Protein-Repellent Dental Composite. <i>International Journal of Molecular Sciences</i> , 2017, 18, 186.	1.8	35
22	Insomnia is associated with increased mortality in patients with first-ever stroke: a 6-year follow-up in a Chinese cohort study. <i>Stroke and Vascular Neurology</i> , 2018, 3, 197-202.	1.5	34
23	Bioactive Dental Composites and Bonding Agents Having Remineralizing and Antibacterial Characteristics. <i>Dental Clinics of North America</i> , 2017, 61, 669-687.	0.8	33
24	microRNA-132 inhibits osteogenic differentiation of periodontal ligament stem cells via GDF5 and the NF- κ B signaling pathway. <i>Pathology Research and Practice</i> , 2019, 215, 152722.	1.0	31
25	Glycated Hemoglobin Independently Predicts Stroke Recurrence within One Year after Acute First-Ever Non-Cardioembolic Strokes Onset in A Chinese Cohort Study. <i>PLoS ONE</i> , 2013, 8, e80690.	1.1	30
26	Protein-repellent and antibacterial effects of a novel polymethyl methacrylate resin. <i>Journal of Dentistry</i> , 2018, 79, 39-45.	1.7	30
27	Uptake and transport of pullulan acetate nanoparticles in the BeWo b30 placental barrier cell model. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4073-4082.	3.3	28
28	Endothelial Progenitor Cells in Diabetic Microvascular Complications: Friends or Foes?. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	27
29	Dysfunction of Affective Network in Post Ischemic Stroke Depression: A Resting-State Functional Magnetic Resonance Imaging Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	26
30	Novel Dental Cement to Combat Biofilms and Reduce Acids for Orthodontic Applications to Avoid Enamel Demineralization. <i>Materials</i> , 2016, 9, 413.	1.3	26
31	Insulin Resistance in Relation to Lipids and Inflammation in Type-2 Diabetic Patients and Non-Diabetic People. <i>PLoS ONE</i> , 2016, 11, e0153171.	1.1	26
32	The Relationship between Frontal Lobe Lesions, Course of Post-Stroke Depression, and 1-year Prognosis in Patients with First-Ever Ischemic Stroke. <i>PLoS ONE</i> , 2014, 9, e100456.	1.1	26
33	Bladder Neck Incision for Female Bladder Neck Obstruction: Long-term Outcomes. <i>Urology</i> , 2014, 83, 762-767.	0.5	25
34	The Association Between Post-stroke Depression, Aphasia, and Physical Independence in Stroke Patients at 3-Month Follow-Up. <i>Frontiers in Psychiatry</i> , 2018, 9, 374.	1.3	25
35	Development of a new class of self-healing and therapeutic dental resins. <i>Polymer Degradation and Stability</i> , 2019, 163, 87-99.	2.7	25
36	External Validation of the iScore for Predicting Ischemic Stroke Mortality in Patients in China. <i>Stroke</i> , 2013, 44, 1924-1929.	1.0	23

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37	Novel multifunctional dental cement to prevent enamel demineralization near orthodontic brackets. <i>Journal of Dentistry</i> , 2017, 64, 58-67.	1.7	23
38	Lower serum uric acid level strongly predict short-term poor functional outcome in acute stroke with normoglycaemia: a cohort study in China. <i>BMC Neurology</i> , 2017, 17, 21.	0.8	23
39	Human periodontal ligament stem cell seeding on calcium phosphate cement scaffold delivering metformin for bone tissue engineering. <i>Journal of Dentistry</i> , 2019, 91, 103220.	1.7	23
40	Current Insights into the Modulation of Oral Bacterial Degradation of Dental Polymeric Restorative Materials. <i>Materials</i> , 2017, 10, 507.	1.3	22
41	<p>The Occurrence and Longitudinal Changes of Cognitive Impairment After Acute Ischemic Stroke</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 807-814.	1.0	22
42	Novel proteinâ€repellent and biofilmâ€repellent orthodontic cement containing 2â€methacryloyloxyethyl phosphorylcholine. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 949-959.	1.6	21
43	Predictors of Remission of Early-Onset Poststroke Depression and the Interaction Between Depression and Cognition During Follow-Up. <i>Frontiers in Psychiatry</i> , 2018, 9, 738.	1.3	21
44	Osteogenic capacity and cytotherapeutic potential of periodontal ligament cells for periodontal regeneration in vitro and in vivo. <i>PeerJ</i> , 2019, 7, e6589.	0.9	20
45	AI-based prediction for the risk of coronary heart disease among patients with type 2 diabetes mellitus. <i>Scientific Reports</i> , 2020, 10, 14457.	1.6	19
46	Effects of epidural neostigmine and clonidine in labor analgesia: A systematic review and metaâ€analysis. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 214-221.	0.6	18
47	Suicidal ideation at 1-year post-stroke: A nationwide survey in China. <i>General Hospital Psychiatry</i> , 2017, 44, 38-42.	1.2	17
48	Age Differences in Clinical Characteristics, Health care, and Outcomes after Ischemic Stroke in China. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 819-826.	1.9	16
49	Persistent depression is a predictor of quality of life in stroke survivors. <i>Chinese Medical Journal</i> , 2019, 132, 2206-2212.	0.9	15
50	Level of sensory block after spinal anesthesia as a predictor of hypotension in parturient. <i>Medicine (United States)</i> , 2017, 96, e7184.	0.4	14
51	A low ankle-brachial index is associated with cognitive impairment: The APAC study. <i>Atherosclerosis</i> , 2016, 255, 90-95.	0.4	13
52	Fighting Type-2 Diabetes: Present and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2019, 26, 1891-1907.	1.2	13
53	A Risk Score Based on Get With the Guidelinesâ€Stroke Program Data Works in Patients With Acute Ischemic Stroke in China. <i>Stroke</i> , 2012, 43, 3108-3109.	1.0	12
54	Factors of Hamilton Depression Rating Scale (17 items) at 2Âweeks correlated with poor outcome at 1Âyear in patients with ischemic stroke. <i>Neurological Sciences</i> , 2014, 35, 171-177.	0.9	12

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55	Effects of water-aging for 6 months on the durability of a novel antimicrobial and protein-repellent dental bonding agent. <i>International Journal of Oral Science</i> , 2018, 10, 18.	3.6	12
56	Human periodontal ligament stem cells on calcium phosphate scaffold delivering platelet lysate to enhance bone regeneration. <i>RSC Advances</i> , 2019, 9, 41161-41172.	1.7	12
57	Gelatin reduced Graphene Oxide Nanosheets as Kartogenin Nanocarrier Induces Rat ADSCs Chondrogenic Differentiation Combining with Autophagy Modification. <i>Materials</i> , 2021, 14, 1053.	1.3	12
58	Association between novel Glucose-Lowering drugs and risk of Asthma: A network Meta-Analysis of cardiorenal outcome trials. <i>Diabetes Research and Clinical Practice</i> , 2022, 183, 109080.	1.1	12
59	Relations between plasma Ox-LDL and carotid plaque among Chinese Han ethnic group. <i>Neurological Research</i> , 2011, 33, 460-466.	0.6	11
60	Impairment of cognition and sleep after acute ischaemic stroke or transient ischaemic attack in Chinese patients: design, rationale and baseline patient characteristics of a nationwide multicentre prospective registry. <i>Stroke and Vascular Neurology</i> , 2021, 6, 139-144.	1.5	11
61	Novel nanostructured resin infiltrant containing calcium phosphate nanoparticles to prevent enamel white spot lesions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 104990.	1.5	11
62	Human Periodontal Ligament Stem Cell and Umbilical Vein Endothelial Cell Co-Culture to Prevascularize Scaffolds for Angiogenic and Osteogenic Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12363.	1.8	11
63	Higher Prevalence of Novel Mutations in VHL Gene in Chinese Von Hippel-Lindau Disease Patients. <i>Urology</i> , 2014, 83, 675.e1-675.e6.	0.5	9
64	Novel orthodontic cement containing dimethylaminohexadecyl methacrylate with strong antibacterial capability. <i>Dental Materials Journal</i> , 2017, 36, 669-676.	0.8	9
65	Impact of Sleep Duration on Depression and Anxiety After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 630638.	1.1	9
66	The efficacy of resiniferatoxin in prevention of catheter related bladder discomfort in patients after TURP - a pilot, randomized, open study. <i>Translational Andrology and Urology</i> , 2012, 1, 14-8.	0.6	9
67	Biocompatible reduced graphene oxide stimulated BMSCs induce acceleration of bone remodeling and orthodontic tooth movement through promotion on osteoclastogenesis and angiogenesis. <i>Bioactive Materials</i> , 2022, 15, 409-425.	8.6	9
68	Molecular alterations of the NF2 gene in hepatocellular carcinoma and intrahepatic cholangiocarcinoma. <i>Oncology Reports</i> , 2017, 38, 3650-3658.	1.2	8
69	Circulating Hematopoietic Stem/Progenitor Cells are Associated with Coronary Stenoses in Patients with Coronary Heart Disease. <i>Scientific Reports</i> , 2019, 9, 1680.	1.6	8
70	Effects of sodium-glucose cotransporter 2 inhibitors on risk of venous thromboembolism in patients with type 2 diabetes: A systematic review and meta-analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2020, 36, e3174.	1.7	8
71	Expression of bone morphogenetic protein-10 (BMP10) in human urothelial cancer of the bladder and its effects on the aggressiveness of bladder cancer cells in vitro. <i>Anticancer Research</i> , 2013, 33, 1917-25.	0.5	8
72	Glycated hemoglobin independently or in combination with fasting plasma glucose versus oral glucose tolerance test to detect abnormal glycometabolism in acute ischemic stroke: a Chinese cross-sectional study. <i>BMC Neurology</i> , 2014, 14, 177.	0.8	7

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73	Long-term Follow-up of Sigmoid Bladder Augmentation for Low-compliance Neurogenic Bladder. <i>Urology</i> , 2014, 84, 697-701.	0.5	7
74	Characteristics of laparoscopic microwave ablation with renal tissue: Experimental <i>in vivo</i> study using a porcine model. <i>International Journal of Hyperthermia</i> , 2015, 31, 930-936.	1.1	7
75	Novel self-etching and antibacterial orthodontic adhesive containing dimethylaminohexadecyl methacrylate to inhibit enamel demineralization. <i>Dental Materials Journal</i> , 2018, 37, 555-561.	0.8	7
76	Expression of claudins in human clear cell renal cell carcinoma. <i>Cancer Genomics and Proteomics</i> , 2015, 12, 1-8.	1.0	7
77	Suppression of renal cell carcinoma growth <i>in vivo</i> by forced expression of vascular endothelial growth inhibitor. <i>International Journal of Oncology</i> , 2013, 42, 1664-1673.	1.4	6
78	Quantitative Assessment of Invasion of High-Grade Gliomas Using Diffusion Tensor Magnetic Resonance Imaging. <i>World Neurosurgery</i> , 2018, 113, e561-e567.	0.7	6
79	Novel self-etch adhesive with antibacterial and protein-repellent functions to prevent enamel demineralization. <i>Dental Materials Journal</i> , 2018, 37, 904-911.	0.8	6
80	Novel Protein-Repellent and Antibacterial Resins and Cements to Inhibit Lesions and Protect Teeth. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-11.	1.2	6
81	Clinical and Diffusion Tensor Imaging to Evaluate Falls, Balance and Gait Dysfunction in Leukoaraiosis: an Observational, Prospective Cohort Study. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2020, 33, 223-230.	1.2	6
82	Treatment of a Class II Division 1 malocclusion with miniscrew anchorage. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 141, e85-e93.	0.8	5
83	The long observation <i>in vitro</i> of prevention effect of novel self-etching orthodontic adhesive modified with 2-methacryloxyethyl phosphorylcholine in enamel demineralization. <i>Dental Materials Journal</i> , 2021, 40, 631-640.	0.8	4
84	Increased microparticle levels in middle-aged and elderly patients with insomnia may be involved in the pathogenesis of arteriosclerosis. <i>International Angiology</i> , 2020, 39, 252-260.	0.4	4
85	Magnetoencephalography of language: new approaches to understanding the cortical organization of Chinese processing. <i>Neurological Research</i> , 2010, 32, 625-628.	0.6	3
86	The association of calcium channel blockers with β -cell function in type 2 diabetic patients: A cross-sectional study. <i>Journal of Clinical Hypertension</i> , 2019, 21, 638-647.	1.0	3
87	Angiopietin-like 2 is a potential biomarker for diabetic foot patients. <i>BMC Endocrine Disorders</i> , 2020, 20, 178.	0.9	3
88	A dynamic nomogram for predicting diabetic macular edema in type 2 diabetes patients based on plasma cytokines. <i>Aging</i> , 2021, 13, 8369-8379.	1.4	3
89	Plasma cytokines for predicting diabetic retinopathy among type 2 diabetic patients via machine learning algorithms. <i>Aging</i> , 2021, 13, 1972-1988.	1.4	3
90	The Prevalence and Associated Risk Factors of Impaired Glucose Regulation in Chinese Adults: A Population-Based Cross-Sectional Study. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-5.	0.6	2

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91	Risk Factors and Imaging Mechanisms of Fatigue After Mild Ischemic Stroke: An Exploratory Study From a Single Chinese Center. <i>Frontiers in Neurology</i> , 2021, 12, 649021.	1.1	2
92	The differential expression of vascular endothelial growth inhibitor isoforms, VEGI251, VEGI174 and VEGI192 in human clear-cell renal cell carcinoma. <i>Cancer Genomics and Proteomics</i> , 2013, 10, 47-53.	1.0	2
93	Impact of Libido at 2 Weeks after Stroke on Risk of Stroke Recurrence at 1-Year in a Chinese Stroke Cohort Study. <i>Chinese Medical Journal</i> , 2015, 128, 1288-1292.	0.9	1
94	Higher levels of circulating ANGPTL2 are associated with macular edema in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2021, 100, e24638.	0.4	1
95	Relationship between hormonal contraceptives and sleep among women of reproductive age: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e045819.	0.8	1
96	Reply. <i>Urology</i> , 2014, 83, 767.	0.5	0
97	Establishment of a hybrid risk model to predict major cardiac adverse events in patients with non-ST-elevation acute coronary syndromes. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 427-432.	0.8	0
98	Angiotensin-Like 4 Is a Potential Biomarker for Diabetic Kidney Disease Severity in Type 2 Diabetic Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
99	A Novel Predictive Model of Diabetic Macular Edema Based on Plasma Cytokines via Machine Learning Algorithms. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
100	Characteristics of Obstructive Sleep Apnea Patients With Hypertension and Factors Associated With Autotitration Acceptance. <i>Frontiers in Psychiatry</i> , 2021, 12, 706275.	1.3	0
101	Two-stage treatment of a skeletal Class III patient with severe crowding. <i>Journal of Clinical Orthodontics: JCO</i> , 2012, 46, 225-32.	0.1	0
102	Orthodontic treatment of a convex profile patient with deep overbite, retroclined maxillary incisors, and spacing via fixed appliances and mini-implants. <i>AJO-DO Clinical Companion</i> , 2022, 2, 283-283.	0.1	0
103	Living alone and health-related quality of life among adults with obstructive sleep apnea in a single-center cohort study. <i>Sleep and Breathing</i> , 2022, , 1.	0.9	0