

# Xibo Pei

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,730  
citations

304743

22  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2012  
citing authors

#	ARTICLE	IF	CITATIONS
1	PEGylated nano-graphene oxide as a nanocarrier for delivering mixed anticancer drugs to improve anticancer activity. <i>Scientific Reports</i> , 2020, 10, 2717.	3.3	132
2	Graphene oxide/hydroxyapatite composite coatings fabricated by electrochemical deposition. <i>Surface and Coatings Technology</i> , 2016, 286, 72-79.	4.8	128
3	ZIF-8-Modified Multifunctional Bone-Adhesive Hydrogels Promoting Angiogenesis and Osteogenesis for Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36978-36995.	8.0	126
4	A mussel-inspired film for adhesion to wet buccal tissue and efficient buccal drug delivery. <i>Nature Communications</i> , 2021, 12, 1689.	12.8	114
5	Osteogenic activity and antibacterial effect of porous titanium modified with metal-organic framework films. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 834-846.	4.0	102
6	Metal-organic framework-based nanomaterials for biomedical applications. <i>Chinese Chemical Letters</i> , 2020, 31, 1060-1070.	9.0	88
7	Graphene Family Materials in Bone Tissue Regeneration: Perspectives and Challenges. <i>Nanoscale Research Letters</i> , 2018, 13, 289.	5.7	74
8	Enhanced Osseointegration of Porous Titanium Modified with Zeolitic Imidazolate Framework-8. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25171-25183.	8.0	72
9	3D printing of metal-organic framework incorporated porous scaffolds to promote osteogenic differentiation and bone regeneration. <i>Nanoscale</i> , 2020, 12, 24437-24449.	5.6	72
10	Accelerated Bone Regeneration by MOF Modified Multifunctional Membranes through Enhancement of Osteogenic and Angiogenic Performance. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001369.	7.6	67
11	Nanoscale Zeolitic Imidazolate Framework-8 Activator of Canonical MAPK Signaling for Bone Repair. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 97-111.	8.0	64
12	Single-walled carbon nanotubes/hydroxyapatite coatings on titanium obtained by electrochemical deposition. <i>Applied Surface Science</i> , 2014, 295, 71-80.	6.1	63
13	Tazarotene Released from Aligned Electrospun Membrane Facilitates Cutaneous Wound Healing by Promoting Angiogenesis. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36141-36153.	8.0	61
14	Osteogenic activity and antibacterial effect of zinc oxide/carboxylated graphene oxide nanocomposites: Preparation and in vitro evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 397-407.	5.0	58
15	Tantalum and its derivatives in orthopedic and dental implants: Osteogenesis and antibacterial properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112055.	5.0	58
16	The enhancement of osseointegration using a graphene oxide/chitosan/hydroxyapatite composite coating on titanium fabricated by electrophoretic deposition. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 635-645.	3.4	56
17	Preparation and Characterization of Chitosan/ $\beta$ -Glycerophosphate Thermal-Sensitive Hydrogel Reinforced by Graphene Oxide. <i>Frontiers in Chemistry</i> , 2018, 6, 565.	3.6	51
18	Micro or nano: Evaluation of biosafety and biopotency of magnesium metal organic framework-74 with different particle sizes. <i>Nano Research</i> , 2020, 13, 511-526.	10.4	45

#	ARTICLE	IF	CITATIONS
19	pH-Triggered Size-Tunable Silver Nanoparticles: Targeted Aggregation for Effective Bacterial Infection Therapy. <i>Small</i> , 2022, 18, e2200915.	10.0	43
20	Functionalized nanoscale graphene oxide for high efficient drug delivery of cisplatin. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	41
21	A Systematic Review of the Survival and Complication Rates of All-Ceramic Resin-Bonded Fixed Dental Prostheses. <i>Journal of Prosthodontics</i> , 2018, 27, 535-543.	3.7	34
22	Delivery of therapeutic miRNAs using nanoscale zeolitic imidazolate framework for accelerating vascularized bone regeneration. <i>Chemical Engineering Journal</i> , 2022, 430, 132867.	12.7	23
23	Electrochemical synthesis of three-dimensional porous reduced graphene oxide film: Preparation and in vitro osteogenic activity evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 150-158.	5.0	22
24	Network meta-analysis of survival rate and complications in implant-supported single crowns with different abutment materials. <i>Journal of Dentistry</i> , 2019, 88, 103115.	4.1	21
25	Zeolitic Imidazolate Framework-8 Encapsulating Risedronate Synergistically Enhances Osteogenic and Antiresorptive Properties for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2186-2197.	5.2	18
26	Nano SIM@ZIF-8 modified injectable High-intensity biohydrogel with bidirectional regulation of osteogenesis and Anti-adipogenesis for bone repair. <i>Chemical Engineering Journal</i> , 2022, 434, 134583.	12.7	16
27	Dimethylxalylglycine improves angiogenesis of ZIF-8-coated implant. <i>Journal of Biomaterials Applications</i> , 2019, 34, 396-407.	2.4	14
28	Nanomaterial-based ROS-mediated strategies for combating bacteria and biofilms. <i>Journal of Materials Research</i> , 2021, 36, 822-845.	2.6	13
29	The synthesis of nano bio-MOF-1 with a systematic evaluation on the biosafety and biocompatibility. <i>Microporous and Mesoporous Materials</i> , 2022, 334, 111773.	4.4	13
30	Comparative analyses of the soft tissue interfaces around teeth and implants: Insights from a pre-clinical implant model. <i>Journal of Clinical Periodontology</i> , 2021, 48, 745-753.	4.9	11
31	Effect of dentin surface modification using carbon nanotubes on dental bonding and antibacterial ability. <i>Dental Materials Journal</i> , 2018, 37, 229-236.	1.8	10
32	Internal adaptation of cobalt-chromium posts fabricated by selective laser melting technology. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 455-460.	2.8	10
33	Comment on "Amine-Modified Graphene: Thrombo-Protective Safer Alternative to Graphene Oxide for Biomedical Applications". <i>ACS Nano</i> , 2014, 8, 1966-1966.	14.6	5
34	Evaluation of tooth root surface area using a three-dimensional scanning technique and cone beam computed tomographic reconstruction in vitro. <i>Archives of Oral Biology</i> , 2017, 84, 13-18.	1.8	5