

Gang Wu

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

7,913
citations

50276

46
h-index

76900

74
g-index

278
all docs

278
docs citations

278
times ranked

6667
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic safety analysis of coupled train-bridge system using deep learning based surrogate model. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 1138-1157.	3.7	14
2	Probabilistic Seismic Performance Assessment of RC Frames Retrofitted with External SC-PBSPC BRBF Sub-structures. <i>Journal of Earthquake Engineering</i> , 2022, 26, 5775-5798.	2.5	9
3	Chondroinductive/chondroconductive peptides and their-functionalized biomaterials for cartilage tissue engineering. <i>Bioactive Materials</i> , 2022, 9, 221-238.	15.6	27
4	Probabilistic seismic demand and fragility analysis of a novel mid-rise large-span cassette structure. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 383-413.	4.1	9
5	The effects of enzymatic modification on the functional ingredient - Dietary fiber extracted from potato residue. <i>LWT - Food Science and Technology</i> , 2022, 153, 112511.	5.2	33
6	Defect investigation and replacement implementation of bearings for long-span continuous box girder bridges under operating high-speed railway networks: a case study. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 678-693.	3.7	10
7	Evolutionary innovations through gain and loss of genes in the ectomycorrhizal Boletales. <i>New Phytologist</i> , 2022, 233, 1383-1400.	7.3	19
8	Deep learning-based condition assessment for bridge elastomeric bearings. <i>Journal of Civil Structural Health Monitoring</i> , 2022, 12, 245-261.	3.9	7
9	Effect of fibrin glue on the healing efficacy of deproteinized bovine bone and autologous bone in critical-sized calvarial defects in rats. <i>Clinical Oral Investigations</i> , 2022, 26, 2491.	3.0	1
10	Local administration of low doses of exogenous BMP2 and leptin promotes ectopic bone regeneration in leptin-deficient mice. <i>Bio-Medical Materials and Engineering</i> , 2022, , 1-11.	0.6	0
11	Development and fabrication of co-axially electrospun biomimetic periosteum with a decellularized periosteal ECM shell/PCL core structure to promote the repair of critical-sized bone defects. <i>Composites Part B: Engineering</i> , 2022, 234, 109620.	12.0	20
12	A Sensing Mechanism and the Application of a Surface-Bonded FBG Dynamometry Bolt. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3225.	2.5	3
13	Lack of Tgfb1 and Acvr1b synergistically stimulates myofibre hypertrophy and accelerates muscle regeneration. <i>ELife</i> , 2022, 11, .	6.0	9
14	Experimental Investigation and Application Evaluation Case of an Adjustable Height Temporary Support for Bearing Replacement in Large-Tonnage HSR Bridges. <i>Journal of Bridge Engineering</i> , 2022, 27, .	2.9	1
15	Inhibition of phenolics on the <i>in vitro</i> digestion of noodles from the view of phenolics release. <i>International Journal of Food Science and Technology</i> , 2022, 57, 1208-1217.	2.7	8
16	Numerical Investigation of the Vibration Performance of Elastically Supported Bridges Under a Moving Vehicle Load Based on Impact Factor. <i>International Journal of Civil Engineering</i> , 2022, 20, 1181-1196.	2.0	2
17	Decellularized Periosteum-Derived Hydrogels Promote the Proliferation, Migration and Osteogenic Differentiation of Human Umbilical Cord Mesenchymal Stem Cells. <i>Gels</i> , 2022, 8, 294.	4.5	3
18	Optimum weighted arithmetic means of peak- and spectral-based intensity measures for probabilistic seismic demand modeling of modularized suspended buildings. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 5383-5426.	4.1	2

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19	Identification of the scour depth of continuous girder bridges based on model updating and improved genetic algorithm. <i>Advances in Structural Engineering</i> , 2022, 25, 2348-2363.	2.4	6
20	Notoginsenoside R1 Promotes Migration, Adhesion, Spreading, and Osteogenic Differentiation of Human Adipose Tissue-Derived Mesenchymal Stromal Cells. <i>Molecules</i> , 2022, 27, 3403.	3.8	3
21	Crystalline Biomimetic Calcium Phosphate Coating on Mini-Pin Implants to Accelerate Osseointegration and Extend Drug Release Duration for an Orthodontic Application. <i>Nanomaterials</i> , 2022, 12, 2439.	4.1	7
22	The minimal active domain of human salivary histatin 1 is efficacious in promoting acute skin wound healing. <i>Military Medical Research</i> , 2022, 9, .	3.4	1
23	Anticytokine Activity Enhances Osteogenesis of Bioactive Implants. <i>Tissue Engineering - Part A</i> , 2021, 27, 177-186.	3.1	2
24	Neuro-regenerative imidazole-functionalized GelMA hydrogel loaded with hAMSC and SDF-1 β promote stem cell differentiation and repair focal brain injury. <i>Bioactive Materials</i> , 2021, 6, 627-637.	15.6	47
25	A randomized generalized low rank approximations of matrices algorithm for high dimensionality reduction and image compression. <i>Numerical Linear Algebra With Applications</i> , 2021, 28, .	1.6	5
26	Comparative study on the flexural strengthening of RC beams using EB CFRP sheets, NSM CFRP bars, P-SWRs, and their combinations. <i>Advances in Structural Engineering</i> , 2021, 24, 1009-1023.	2.4	11
27	Variational Mode Decomposition Based Time-Varying Force Identification of Stay Cables. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1254.	2.5	13
28	Convergence of the fixed-point iteration for multilinear PageRank. <i>Numerical Linear Algebra With Applications</i> , 2021, 28, e2379.	1.6	6
29	Notoginsenoside R1 functionalized gelatin hydrogels to promote reparative dentinogenesis. <i>Acta Biomaterialia</i> , 2021, 122, 160-171.	8.3	19
30	Multiclass CBCT Image Segmentation for Orthodontics with Deep Learning. <i>Journal of Dental Research</i> , 2021, 100, 002203452110053.	5.2	69
31	Functionalization of whey protein isolate fortified with blackcurrant concentrate by spray-drying and freeze-drying strategies. <i>Food Research International</i> , 2021, 141, 110025.	6.2	21
32	The Effects of Bioactive Compounds from Blueberry and Blackcurrant Powder on Oat Bran Pastes: Enhancing In Vitro Antioxidant Activity and Reducing Reactive Oxygen Species in Lipopolysaccharide-Stimulated Raw264.7 Macrophages. <i>Antioxidants</i> , 2021, 10, 388.	5.1	9
33	Whey protein-blackcurrant concentrate particles obtained by spray-drying and freeze-drying for delivering structural and health benefits of cookies. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 68, 102606.	5.6	27
34	Synergistic short-term and long-term effects of TGF- β 1 and 3 on collagen production in differentiating myoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2021, 547, 176-182.	2.1	11
35	Functionalization of bovine whey proteins by dietary phenolics from molecular-level fabrications and mixture-level combinations. <i>Trends in Food Science and Technology</i> , 2021, 110, 107-119.	15.1	16
36	Bond performance between SFCBs and grouted sleeves for precast concrete structures. <i>Advances in Structural Engineering</i> , 2021, 24, 2857-2869.	2.4	5

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37	Functionalization of sodium caseinate fortified with blackcurrant concentrate via spray-drying and freeze-drying techniques: The nutritional properties of the fortified particles. <i>LWT - Food Science and Technology</i> , 2021, 142, 111051.	5.2	11
38	Human Salivary Histatin-1-Functionalized Gelatin Methacrylate Hydrogels Promote the Regeneration of Cartilage and Subchondral Bone in Temporomandibular Joints. <i>Pharmaceuticals</i> , 2021, 14, 484.	3.8	6
39	Bioactive compounds from blueberry and blackcurrant powder alter the physicochemical and hypoglycaemic properties of oat bran paste. <i>LWT - Food Science and Technology</i> , 2021, 143, 111167.	5.2	12
40	Sodium caseinate-blackcurrant concentrate powder obtained by spray-drying or freeze-drying for delivering structural and health benefits of cookies. <i>Journal of Food Engineering</i> , 2021, 299, 110466.	5.2	6
41	Pulsating fluid flow affects pre-osteoblast behavior and osteogenic differentiation through production of soluble factors. <i>Physiological Reports</i> , 2021, 9, e14917.	1.7	5
42	Bond and flexural performance of basalt fiber-reinforced polymer bar-reinforced seawater sea sand glass aggregate concrete beams. <i>Advances in Structural Engineering</i> , 2021, 24, 3359-3374.	2.4	7
43	Histatin 1 enhanced the speed and quality of wound healing through regulating the behaviour of fibroblast. <i>Cell Proliferation</i> , 2021, 54, e13087.	5.3	15
44	The effects of blackcurrant and strawberry powder on the physicochemical and in vitro glycaemic response of starches derived from sweet potato (<i>Ipomoea batatas</i>) and potato (<i>Solanum</i>) <i>Tj ETQq0 0 0 rgt /Overlock 10 Tf 5</i>	2.7	5
45	The effects of blackcurrant powder (<i>Ribes nigrum</i>) supplementation on pasting properties, physicochemical properties, and nutritive values of starch derived from mung bean (<i>Vigna</i>) <i>Tj ETQq1 1 0.784314 rgt /Overlock 10</i> 2021, 56, 4408-4416.	2.7	5
46	Highly efficient biphasic calcium-phosphate coating procedure with an enhanced coating yield and protein incorporation rate. <i>Materials Express</i> , 2021, 11, 1428-1437.	0.5	0
47	Magnetron sputtering of strontium nanolayer on zirconia implant to enhance osteogenesis. <i>Materials Science and Engineering C</i> , 2021, 127, 112191.	7.3	15
48	Editorial: Advanced Biomaterials and Systems Releasing Bioactive Agents for Precise Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 763685.	4.1	0
49	Osteoinduction Evaluation of Fluorinated Hydroxyapatite and Tantalum Composite Coatings on Magnesium Alloys. <i>Frontiers in Chemistry</i> , 2021, 9, 727356.	3.6	10
50	Injectable halloysite-g-chitosan hydrogels as drug carriers to inhibit breast cancer recurrence. <i>Composites Part B: Engineering</i> , 2021, 221, 109031.	12.0	31
51	Geometric Attention Regularization Enhancing Convolutional Neural Networks for Bridge Rubber Bearing Damage Assessment. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	2.0	5
52	Numerical Simulation and Parametric Analysis of Precast Concrete Beam-Slab Assembly Based on Layered Shell Elements. <i>Buildings</i> , 2021, 11, 7.	3.1	7
53	K-Carrageenan Stimulates Pre-Osteoblast Proliferation and Osteogenic Differentiation: A Potential Factor for the Promotion of Bone Regeneration?. <i>Molecules</i> , 2021, 26, 6131.	3.8	17
54	Prefabricated 3D-Printed Tissue-Engineered Bone for Mandibular Reconstruction: A Preclinical Translational Study in Primate. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5727-5738.	5.2	16

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55	Notoginsenoside R1 attenuates oxidative stress-induced osteoblast dysfunction through JNK signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 11278-11289.	3.6	27
56	Co-administration of platelet-rich plasma and small intestinal submucosa is more beneficial than their individual use in promoting acute skin wound healing. <i>Burns and Trauma</i> , 2021, 9, tkab033.	4.9	4
57	Numerical investigation on thermal-hydraulic performance of a printed circuit LNG vaporizer. <i>Applied Thermal Engineering</i> , 2020, 165, 114447.	6.0	26
58	The durability of seawater sea-sand concrete beams reinforced with metal bars or non-metal bars in the ocean environment. <i>Advances in Structural Engineering</i> , 2020, 23, 334-347.	2.4	23
59	Dose Effects of Slow-Released Bone Morphogenetic Protein-2 Functionalized β -Tricalcium Phosphate in Repairing Critical-Sized Bone Defects. <i>Tissue Engineering - Part A</i> , 2020, 26, 120-129.	3.1	11
60	Analytical modeling of corroded RC columns considering flexure-shear interaction for seismic performance assessment. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 2165-2190.	4.1	18
61	Near fault ground motion effects on seismic resilience of frame structures damaged in Wenchuan earthquake. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 1347-1363.	3.7	11
62	A novel method to improve the osteogenesis capacity of hUCMSCs with dual-directional pre-induction under screened co-culture conditions. <i>Cell Proliferation</i> , 2020, 53, e12740.	5.3	21
63	Histatin1-modified thiolated chitosan hydrogels enhance wound healing by accelerating cell adhesion, migration and angiogenesis. <i>Carbohydrate Polymers</i> , 2020, 230, 115710.	10.2	64
64	A histomorphometric study on treated and untreated ceramic filled PEEK implants versus titanium implants: Preclinical in vivo study. <i>Clinical Oral Implants Research</i> , 2020, 31, 246-254.	4.5	16
65	Flexural capacity and design of hybrid FRP-steel-reinforced concrete beams. <i>Advances in Structural Engineering</i> , 2020, 23, 1290-1304.	2.4	11
66	The effects of bioactive compounds from blueberry and blackcurrant powders on the inhibitory activities of oat bran pastes against α -amylase and α -glucosidase linked to type 2 diabetes. <i>Food Research International</i> , 2020, 138, 109756.	6.2	40
67	Antibacterial and Osteogenic Functionalization of Titanium With Silicon/Copper-Doped High-Energy Shot Peening-Assisted Micro-Arc Oxidation Technique. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 573464.	4.1	16
68	Mechanism and control of the long-term performance evolution of structures. <i>Frontiers of Structural and Civil Engineering</i> , 2020, 14, 1039-1048.	2.9	2
69	Seismic and economic performance of a mid-rise cassette structure. <i>Advances in Structural Engineering</i> , 2020, 23, 3541-3554.	2.4	3
70	Is There a Governing Role of Osteocytes in Bone Tissue Regeneration?. <i>Current Osteoporosis Reports</i> , 2020, 18, 541-550.	3.6	23
71	Shear Stress Modulates Osteoblast Cell and Nucleus Morphology and Volume. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8361.	4.1	15
72	Human Salivary Histatin-1 Promotes Osteogenic Cell Spreading on Both Bio-Inert Substrates and Titanium SLA Surfaces. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 584410.	4.1	8

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73	Control Optimization of Stochastic Systems Based on Adaptive Correction CKF Algorithm. International Journal of Aerospace Engineering, 2020, 2020, 1-10.	0.9	1
74	New strategies for determining backward perturbation bound of approximate two-sided Krylov subspaces. Numerical Linear Algebra With Applications, 2020, 27, e2324.	1.6	0
75	Human Salivary Histatin-1 Is More Efficacious in Promoting Acute Skin Wound Healing Than Acellular Dermal Matrix Paste. Frontiers in Bioengineering and Biotechnology, 2020, 8, 999.	4.1	10
76	Experimental study on the seismic performance of novel precast reinforced concrete grid moment-resisting frames. Structural Concrete, 2020, 21, 2028-2043.	3.1	6
77	Seismic behaviour of a precast prestressed beam-column joint with energy dissipation bars. Magazine of Concrete Research, 2020, 72, 365-378.	2.0	4
78	Human salivary histatin-1 (Hst1) promotes bone morphogenetic protein 2 (BMP2)-induced osteogenesis and angiogenesis. FEBS Open Bio, 2020, 10, 1503-1515.	2.3	18
79	Cross-level fragility analysis of modularized suspended buildings based on experimentally validated numerical models. Structural Design of Tall and Special Buildings, 2020, 29, e1778.	1.9	8
80	Distributed Error Correction of EKF Algorithm in Multi-Sensor Fusion Localization Model. IEEE Access, 2020, 8, 93211-93218.	4.2	37
81	BMP2-Functionalized Biomimetic Calcium Phosphate Graft Promotes Alveolar Defect Healing During Orthodontic Tooth Movement in Beagle Dogs. Frontiers in Bioengineering and Biotechnology, 2020, 8, 517.	4.1	13
82	Fatigue Evaluation of Steel Bridge Details Integrating Multi-Scale Dynamic Analysis of Coupled Train-Track-Bridge System and Fracture Mechanics. Applied Sciences (Switzerland), 2020, 10, 3261.	2.5	19
83	Experimental study on the carbon-fiber-reinforced polymer-steel interfaces based on carbon-fiber-reinforced polymer delamination failures and hybrid failures. Advances in Structural Engineering, 2020, 23, 2247-2260.	2.4	13
84	Multi-Cross-Reference Method for Highway-Bridge Damage Identification Based on Long-Gauge Fiber Bragg-Grating Sensors. Journal of Bridge Engineering, 2020, 25, .	2.9	10
85	Injectable and <i>In Situ</i> -Formable Thiolated Chitosan-Coated Liposomal Hydrogels as Curcumin Carriers for Prevention of <i>In Vivo</i> Breast Cancer Recurrence. ACS Applied Materials & Interfaces, 2020, 12, 17936-17948.	8.0	76
86	The Antagonist of Retinoic Acid Receptor β , ER-50891 Antagonizes the Inhibitive Effect of All-Trans Retinoic Acid and Rescues Bone Morphogenetic Protein 2-Induced Osteoblastogenic Differentiation. Drug Design, Development and Therapy, 2020, Volume 14, 297-308.	4.3	4
87	Curcumin Protects Osteoblasts From Oxidative Stress-Induced Dysfunction via GSK3 β -Nrf2 Signaling Pathway. Frontiers in Bioengineering and Biotechnology, 2020, 8, 625.	4.1	36
88	Experimental study of concrete beams reinforced with hybrid bars (SFCBs and BFRP bars). Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	3.1	24
89	Experimental and Numerical Investigation on Progressive Collapse Resistance of Post-Tensioned Precast Concrete Beam-Column Subassemblages. Journal of Structural Engineering, 2020, 146, .	3.4	49
90	Research on the seismic retrofitting performance of RC frames using SC-PBSPC BRBF substructures. Earthquake Engineering and Structural Dynamics, 2020, 49, 794-816.	4.4	35

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91	Allâ€trans retinoic acid and human salivary histatinâ€1 promote the spreading and osteogenic activities of preâ€osteoblasts inâ€vitro. FEBS Open Bio, 2020, 10, 396-406.	2.3	13
92	Damage mechanics-based modeling approaches for cyclic analysis of precast concrete structures: A comparative study. International Journal of Damage Mechanics, 2020, 29, 965-987.	4.2	16
93	Positioning Accuracy of the Shearer Based on a Strapdown Inertial Navigation System in Underground Coal Mining. Applied Sciences (Switzerland), 2020, 10, 2176.	2.5	9
94	A novel seawater and sea sand concrete filled FRP-carbon steel composite tube column: Concept and behaviour. Composite Structures, 2020, 246, 112421.	5.8	126
95	Salivary Histatin 1 and 2 Are Targeted to Mitochondria and Endoplasmic Reticulum in Human Cells. Cells, 2020, 9, 795.	4.1	11
96	Nanoporous tantalum coated zirconia implant improves osseointegration. Ceramics International, 2020, 46, 17437-17448.	4.8	16
97	Low Dose BMP2-Doped Calcium Phosphate Graft Promotes Bone Defect Healing in a Large Animal Model. Frontiers in Cell and Developmental Biology, 2020, 8, 613891.	3.7	3
98	A machine learning based approach for efficient safety evaluation of the high speed train and short span bridge system. Latin American Journal of Solids and Structures, 2020, 17, .	1.0	1
99	Numerical study of the static and dynamic characteristics of reinforced concrete cassette structures for highâ€rise buildings. Structural Design of Tall and Special Buildings, 2019, 28, e1574.	1.9	14
100	Comparison of polyetheretherketone versus silicon nitride intervertebral spinal spacers in a caprine model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 688-699.	3.4	23
101	Physicochemical Niche Conditions and Mechanosensing by Osteocytes and Myocytes. Current Osteoporosis Reports, 2019, 17, 235-249.	3.6	17
102	Efficacy of antioxidant therapy on sperm quality measurements after varicocelelectomy: A systematic review and metaâ€analysis. Andrologia, 2019, 51, e13396.	2.1	19
103	Cyclic loading tests and analyses of posttensioned concrete bridge columns combining cast-in-place and precast segments. Bulletin of Earthquake Engineering, 2019, 17, 6141-6163.	4.1	16
104	Development of Tactile Imaging for Underwater Structural Damage Detection. Sensors, 2019, 19, 3925.	3.8	9
105	A dual functional boneâ€defectâ€filling material with sequential antibacterial and osteoinductive properties for infected bone defect repair. Journal of Biomedical Materials Research - Part A, 2019, 107, 2360-2370.	4.0	21
106	Experimental investigations of concrete-filled steel tubular columns confined with high-strength steel wire. Advances in Structural Engineering, 2019, 22, 2771-2784.	2.4	24
107	Slenderness Ratio Effect on Eccentric Compression Properties of Parallel Bamboo Strand Lumber Columns. Journal of Structural Engineering, 2019, 145, .	3.4	34
108	<p>Epigallocatechin-3-gallate enhances the osteoblastogenic differentiation of human adipose-derived stem cells</p>. Drug Design, Development and Therapy, 2019, Volume 13, 1311-1321.	4.3	12

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109	Blockade of Cyclophilin D Attenuates Oxidative Stress-Induced Cell Death in Human Dental Pulp Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	7
110	Length and orientation direction effect on static bending properties of laminated Moso bamboo. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 547-557.	2.9	24
111	Time-variant fragility analysis of the bridge system considering time-varying dependence among typical component seismic demands. <i>Earthquake Engineering and Engineering Vibration</i> , 2019, 18, 363-377.	2.3	19
112	Bone Tissue Responses to Zirconia Implants Modified by Biomimetic Coating Incorporated with BMP-2. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019, 39, 371-379.	1.0	8
113	Behaviors of hybrid beams composed of seawater sea-sand concrete (SWSSC) and a prefabricated UHPC shell reinforced with FRP bars. <i>Construction and Building Materials</i> , 2019, 213, 32-42.	7.2	74
114	Size effect of nano-hydroxyapatite on proliferation of odontoblast-like MDPC-23 cells. <i>Dental Materials Journal</i> , 2019, 38, 534-539.	1.8	11
115	Prediction of global buckling loads of doubly symmetric pultruded FRP columns subjected to concentric compression. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019, 99, e201700277.	1.6	3
116	Experimental study on damage-controllable rocking walls with resilient corners. <i>Magazine of Concrete Research</i> , 2019, 71, 1113-1129.	2.0	20
117	Evaluation of a novel oral mucosa in vitro implantation model for analysis of molecular interactions with dental abutment surfaces. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 25-33.	3.7	26
118	Nanocrystalline Hydroxyapatite-Based Scaffold Adsorbs and Gives Sustained Release of Osteoinductive Growth Factor and Facilitates Bone Regeneration in Mice Ectopic Model. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	2.7	13
119	Microporous polysaccharide multilayer coated BCP composite scaffolds with immobilised calcitriol promote osteoporotic bone regeneration both in vitro and in vivo. <i>Theranostics</i> , 2019, 9, 1125-1143.	10.0	36
120	Progressive collapse performance analysis of precast reinforced concrete structures. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1588.	1.9	70
121	The vicious circle between mitochondrial oxidative stress and dynamic abnormality mediates triethylene glycol dimethacrylate-induced preodontoblast apoptosis. <i>Free Radical Biology and Medicine</i> , 2019, 134, 644-656.	2.9	13
122	Mechanical properties of seawater sea-sand concrete reinforced with discrete BFRP-Needles. <i>Construction and Building Materials</i> , 2019, 206, 432-441.	7.2	27
123	Development of a quantitative preclinical screening model for implant osseointegration in rat tail vertebra. <i>Clinical Oral Investigations</i> , 2019, 23, 2959-2973.	3.0	5
124	Seismic responses of bridges with rocking column foundation: A dimensionless regression analysis. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 152-170.	4.4	26
125	Seismic Vulnerability Analysis of RC Bridges Based on Kriging Model. <i>Journal of Earthquake Engineering</i> , 2019, 23, 242-260.	2.5	17
126	Determination of critical loads for global buckling of axially loaded pultruded fiber-reinforced polymer members with doubly symmetric cross sections. <i>Advances in Structural Engineering</i> , 2018, 21, 1911-1922.	2.4	5

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127	Numerical Investigation on the Progressive Collapse Behavior of Precast Reinforced Concrete Frame Subassemblages. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	2.0	52
128	The kinetics and mechanism of bone morphogenetic protein 2 release from calcium phosphate-based implant coatings. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2363-2371.	4.0	28
129	Effect of sustained load and seawater and sea sand concrete environment on durability of basalt- and glass-fibre reinforced polymer (B/GFRP) bars. <i>Corrosion Science</i> , 2018, 138, 200-218.	6.6	205
130	Endpoint regularity criterion for weak solutions of the 3D incompressible liquid crystals system. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 3672-3683.	2.3	1
131	Tissue-Engineered Bone Immobilized with Human Adipose Stem Cells-Derived Exosomes Promotes Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5240-5254.	8.0	302
132	Global well-posedness of the 3D generalized rotating magnetohydrodynamics equations. <i>Acta Mathematica Sinica, English Series</i> , 2018, 34, 992-1000.	0.6	2
133	Global mild solution of the generalized Navier-Stokes equations with the Coriolis force. <i>Applied Mathematics Letters</i> , 2018, 76, 181-186.	2.7	11
134	Human adipose-derived stem cells and simvastatin-functionalized biomimetic calcium phosphate to construct a novel tissue-engineered bone. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1264-1270.	2.1	11
135	Bone Morphogenetic Protein-2 Incorporated Beta-Tricalcium Phosphate Enhanced Bone Regeneration of Critical-Sized Bone Defects in Rats. <i>Key Engineering Materials</i> , 2018, 782, 283-288.	0.4	1
136	Enhanced Oxidative Damage and Nrf2 Downregulation Contribute to the Aggravation of Periodontitis by Diabetes Mellitus. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	4.0	32
137	Construction of Injectable Self-Healing Macroporous Hydrogels via a Template-Free Method for Tissue Engineering and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36721-36732.	8.0	80
138	Heterodimeric BMP-2/7 exhibits different osteoinductive effects in human and murine cells. <i>Growth Factors</i> , 2018, 36, 141-152.	1.7	3
139	All-trans retinoic acid can antagonize osteoblastogenesis induced by different BMPs irrespective of their dimerization types and dose-efficiencies. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3419-3430.	4.3	9
140	Durability test on the flexural performance of seawater sea-sand concrete beams completely reinforced with FRP bars. <i>Construction and Building Materials</i> , 2018, 192, 671-682.	7.2	129
141	Numerical Study on Seismic Behavior of Underwater Bridge Columns Strengthened with Prestressed Precast Concrete Panels and Fiber-Reinforced Polymer Reinforcements. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-15.	2.7	4
142	AFRP Influence on Parallel Bamboo Strand Lumber Beams. <i>Sensors</i> , 2018, 18, 2854.	3.8	23
143	Sustained Release of Zoledronic Acid from Mesoporous TiO ₂ -Layered Implant Enhances Implant Osseointegration in Osteoporotic Condition. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1965-1978.	1.1	13
144	Finite-Element Analysis and Strength Model for IC Debonding in FRP-Strengthened RC Beams. <i>Journal of Composites for Construction</i> , 2018, 22, 04018030.	3.2	19

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145	Controlled Release of BMP-2 from a Heparin-Conjugated Strontium-Substituted Nanohydroxyapatite/Silk Fibroin Scaffold for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3291-3303.	5.2	25
146	Development of a Bridge Weigh-in-Motion System Based on Long-Gauge Fiber Bragg Grating Sensors. <i>Journal of Bridge Engineering</i> , 2018, 23, .	2.9	48
147	Long-Term Bond Durability of Fiber-Reinforced Polymer Bars Embedded in Seawater Sea-Sand Concrete under Ocean Environments. <i>Journal of Composites for Construction</i> , 2018, 22, .	3.2	81
148	All-trans retinoic-acid inhibits heterodimeric bone morphogenetic protein 2/7-stimulated osteoclastogenesis, and resorption activity. <i>Cell and Bioscience</i> , 2018, 8, 48.	4.8	9
149	Experimental study on the durability of FRP bars reinforced concrete beams in simulated ocean environment. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 1123-1134.	1.4	19
150	Theoretical and Numerical Study on Stress Intensity Factors for FRP-Strengthened Steel Plates with Double-Edged Cracks. <i>Sensors</i> , 2018, 18, 2356.	3.8	28
151	RAGE-dependent mitochondria pathway: a novel target of silibinin against apoptosis of osteoblastic cells induced by advanced glycation end products. <i>Cell Death and Disease</i> , 2018, 9, 674.	6.3	53
152	Bone regeneration in critical-sized bone defect enhanced by introducing osteoinductivity to biphasic calcium phosphate granules. <i>Clinical Oral Implants Research</i> , 2017, 28, 251-260.	4.5	31
153	Mitochondrial dysfunction is involved in the aggravation of periodontitis by diabetes. <i>Journal of Clinical Periodontology</i> , 2017, 44, 463-471.	4.9	50
154	BMP2-coprecipitated calcium phosphate granules enhance osteoinductivity of deproteinized bovine bone, and bone formation during critical-sized bone defect healing. <i>Scientific Reports</i> , 2017, 7, 41800.	3.3	36
155	Long-term durability of basalt- and glass-fibre reinforced polymer (BFRP/GFRP) bars in seawater and sea sand concrete environment. <i>Construction and Building Materials</i> , 2017, 139, 467-489.	7.2	359
156	On the box-counting dimension of the potential singular set for suitable weak solutions to the 3D Navier-Stokes equations. <i>Nonlinearity</i> , 2017, 30, 1762-1772.	1.4	9
157	Histatin 1 Enhances Cell Adhesion to Titanium in an Implant Integration Model. <i>Journal of Dental Research</i> , 2017, 96, 430-436.	5.2	38
158	Durability study on interlaminar shear behaviour of basalt-, glass- and carbon-fibre reinforced polymer (B/G/CFRP) bars in seawater sea sand concrete environment. <i>Construction and Building Materials</i> , 2017, 156, 985-1004.	7.2	192
159	Closure to "Fatigue Behavior of Cracked Steel Plates Strengthened with Different CFRP Systems and Configurations" by Hai-Tao Wang, Gang Wu, and Jian-Biao Jiang. <i>Journal of Composites for Construction</i> , 2017, 21, 07016003.	3.2	0
160	Optimal lateral aseismic performance analysis of mega-substructure system with modularized secondary structures. <i>Structural Design of Tall and Special Buildings</i> , 2017, 26, e1387.	1.9	18
161	Effect of maleic acid on the bond strength of fibre posts to root dentine. <i>European Journal of Oral Sciences</i> , 2017, 125, 396-402.	1.5	9
162	pH dependent silver nanoparticles releasing titanium implant: A novel therapeutic approach to control peri-implant infection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 127-136.	5.0	49

#	ARTICLE	IF	CITATIONS
163	Bond and Flexural Behavior of Sea Sand Concrete Members Reinforced with Hybrid Steel-Composite Bars Presubjected to Wet–Dry Cycles. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	40
164	Experimental Study of Cyclic Behavior of Concrete Bridge Columns Reinforced by Steel Basalt-Fiber Composite Bars and Hybrid Stirrups. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	32
165	Poly(Lactic-co-Glycolic Acid): Applications and Future Prospects for Periodontal Tissue Regeneration. <i>Polymers</i> , 2017, 9, 189.	4.5	141
166	Hyaluronic Acid Promotes the Osteogenesis of BMP-2 in an Absorbable Collagen Sponge. <i>Polymers</i> , 2017, 9, 339.	4.5	27
167	Peri-implantitis Induced by Stainless Steel Ligature in Beagle Dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, e170-e179.	1.0	6
168	The Acute Inflammatory Response to Absorbed Collagen Sponge Is Not Enhanced by BMP-2. <i>International Journal of Molecular Sciences</i> , 2017, 18, 498.	4.1	9
169	Moment-Curvature Behaviors of Concrete Beams Singly Reinforced by Steel-FRP Composite Bars. <i>Advances in Civil Engineering</i> , 2017, 2017, 1-14.	0.7	10
170	Mechanical Properties of Steel-FRP Composite Bars under Tensile and Compressive Loading. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-11.	2.7	13
171	Multivariate linear regression analysis to identify general factors for quantitative predictions of implant stability quotient values. <i>PLoS ONE</i> , 2017, 12, e0187010.	2.5	11
172	Mathematical evaluation of the influence of multiple factors on implant stability quotient values in clinical practice: a retrospective study. <i>Therapeutics and Clinical Risk Management</i> , 2016, Volume 12, 1525-1532.	2.0	9
173	Slowly Delivered Icaritin/Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells to Promote the Healing of Calvarial Critical-Size Bone Defects. <i>Stem Cells International</i> , 2016, 2016, 1-13.	2.5	17
174	Biomaterials with Antibacterial and Osteoinductive Properties to Repair Infected Bone Defects. <i>International Journal of Molecular Sciences</i> , 2016, 17, 334.	4.1	122
175	Hydrostatic Compress Force Enhances the Viability and Decreases the Apoptosis of Condylar Chondrocytes through Integrin-FAK-ERK/PI3K Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1847.	4.1	14
176	Screening the Expression Changes in MicroRNAs and Their Target Genes in Mature Cementoblasts Stimulated with Cyclic Tensile Stress. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2024.	4.1	12
177	Determination of the bond–slip behavior of CFRP-to-steel bonded interfaces using digital image correlation. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 1353-1367.	3.1	33
178	Anisotropic Regularity Conditions for the Suitable Weak Solutions to the 3D Navier–Stokes Equations. <i>Journal of Mathematical Fluid Mechanics</i> , 2016, 18, 699-716.	1.0	4
179	Mechanical evaluation for laminated bamboo lumber along two eccentric compression directions. <i>Journal of Wood Science</i> , 2016, 62, 503-517.	1.9	39
180	Partial Regularity of the Suitable Weak Solutions to the Multi-dimensional Incompressible Boussinesq Equations. <i>Journal of Dynamics and Differential Equations</i> , 2016, 28, 567-591.	1.9	3

#	ARTICLE	IF	CITATIONS
181	Local regularity criteria of the 3D Navier-Stokes and related equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2016, 140, 130-144.	1.1	3
182	Experimental study on the bond durability between steel-FRP composite bars (SFCBs) and sea sand concrete in ocean environment. <i>Construction and Building Materials</i> , 2016, 115, 277-284.	7.2	116
183	Notoginsenoside R1 significantly promotes in vitro osteoblastogenesis. <i>International Journal of Molecular Medicine</i> , 2016, 38, 537-544.	4.0	20
184	Refined regularity class of suitable weak solutions to the 3D magnetohydrodynamics equations with an application. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2016, 67, 1.	1.4	1
185	Fiber-Element Modeling for Seismic Performance of Square RC Bridge Columns Retrofitted with NSM BFRP Bars and/or BFRP Sheet Confinement. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	18
186	Nonlinear 2D Finite-Element Modeling of RC Beams Strengthened with Prestressed NSM CFRP Reinforcement. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	11
187	Shear Capacity Comparison of Four Different Composite Interfaces between FRP Plates and Concrete Substrate. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	11
188	Partial regularity of suitable weak solutions to the multi-dimensional generalized magnetohydrodynamics equations. <i>Communications in Contemporary Mathematics</i> , 2016, 18, 1650018.	1.2	16
189	Study on stiffness and recoverability of Fiber Reinforced Polymers-Reinforced Concrete (FRP-RC) composite T-beams with prefabricated Basalt fiber-reinforced polymers shell. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 516-529.	3.1	3
190	Bond durability of BFRP bars embedded in concrete under seawater conditions and the long-term bond strength prediction. <i>Materials and Design</i> , 2016, 92, 552-562.	7.0	128
191	Fatigue Behavior of Cracked Steel Plates Strengthened with Different CFRP Systems and Configurations. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	52
192	Modeling the Effect of Joint Slip in Lattice Steel Structures. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	2.0	5
193	Effects of heterodimeric bone morphogenetic protein α 2/7 on osteogenesis of human adipose-derived stem cells. <i>Cell Proliferation</i> , 2015, 48, 650-660.	5.3	29
194	Preparation and Characterization of Lanthanum-Incorporated Hydroxyapatite Coatings on Titanium Substrates. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21070-21086.	4.1	41
195	Scaling and root planning and locally delivered minocycline could reduce the load of <i>Prevotella intermedia</i> in an interdependent pattern, which correlated with symptomatic improvements of chronic periodontitis: a short-term randomized clinical trial. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 1795.	2.0	3
196	Flexural Performance of Laminated Bamboo Lumber Beams. <i>BioResources</i> , 2015, 11, .	1.0	4
197	Degradation of basalt FRP bars in alkaline environment. <i>Science and Engineering of Composite Materials</i> , 2015, 22, 649-657.	1.4	45
198	The physicochemical/biological properties of porous tantalum and the potential surface modification techniques to improve its clinical application in dental implantology. <i>Materials Science and Engineering C</i> , 2015, 49, 323-329.	7.3	107

#	ARTICLE	IF	CITATIONS
199	Experimental Investigation of the Behavior of a Lattice Steel Column Repaired with Pultruded GFRP Profiles. <i>Journal of Performance of Constructed Facilities</i> , 2015, 29, .	2.0	5
200	Experimental Study of RC Beams Strengthened with Prestressed Steel-Wire BFRP Composite Plate Using a Hybrid Anchorage System. <i>Journal of Composites for Construction</i> , 2015, 19, .	3.2	10
201	Effectiveness of basalt FRP tendons for strengthening of RC beams through the external prestressing technique. <i>Engineering Structures</i> , 2015, 101, 34-44.	5.3	81
202	Review of beetle forewing structures and their biomimetic applications in China: (II) On the three-dimensional structure, modeling and imitation. <i>Materials Science and Engineering C</i> , 2015, 55, 620-633.	7.3	69
203	Partial regularity for the 3D magneto-hydrodynamics system with hyper-dissipation. <i>Acta Mathematica Sinica, English Series</i> , 2015, 31, 1097-1112.	0.6	1
204	An experimental study of the insulation performance of ballastless track slabs reinforced by new fiber composite bars. <i>Construction and Building Materials</i> , 2015, 83, 7-18.	7.2	17
205	Prediction of Long-Term Performance and Durability of BFRP Bars under the Combined Effect of Sustained Load and Corrosive Solutions. <i>Journal of Composites for Construction</i> , 2015, 19, .	3.2	174
206	Finite element model updating of flexural structures based on modal parameters extracted from dynamic distributed macro-strain responses. <i>Journal of Intelligent Material Systems and Structures</i> , 2015, 26, 201-218.	2.5	13
207	Structural performance of ballastless track slabs reinforced with BFRP and SFCB. <i>Composites Part B: Engineering</i> , 2015, 71, 103-112.	12.0	34
208	Comprehensive comparison of macro-strain mode and displacement mode based on different sensing technologies. <i>Mechanical Systems and Signal Processing</i> , 2015, 50-51, 563-579.	8.0	30
209	Durability of basalt fibers and composites in corrosive environments. <i>Journal of Composite Materials</i> , 2015, 49, 873-887.	2.4	148
210	Flexural Behavior of Concrete Beams Strengthened with New Prestressed Carbon-Basalt Hybrid Fiber Sheets. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	15
211	Mechanical Performance of the Wet-Bond Interface between FRP Plates and Cast-in-Place Concrete. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	29
212	Performance and Parametric Analysis of Flexural Strengthening for RC Beams with NSM-CFRP Bars. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	50
213	BMP-Functionalised Coatings to Promote Osteogenesis for Orthopaedic Implants. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10150-10168.	4.1	46
214	Digital image correlation measurement of the bond-slip relationship between fiber-reinforced polymer sheets and concrete substrate. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 1590-1603.	3.1	26
215	Performance of circular concrete-filled fiber-reinforced polymer-steel composite tube columns under axial compression. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 1911-1928.	3.1	80
216	Bi-directionally selective bone targeting delivery for anabolic and antiresorptive drugs: A novel combined therapy for osteoporosis?. <i>Medical Hypotheses</i> , 2014, 83, 694-696.	1.5	7

#	ARTICLE	IF	CITATIONS
217	Evaluation of prestressed basalt fiber and hybrid fiber reinforced polymer tendons under marine environment. <i>Materials & Design</i> , 2014, 64, 721-728.	5.1	83
218	Flexural strengthening of RC beams using distributed prestressed high strength steel wire rope: theoretical analysis. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 160-174.	3.7	10
219	Effect of FRP Configurations on the Fatigue Repair Effectiveness of Cracked Steel Plates. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	34
220	Structural health monitoring of a steel stringer bridge with area sensing. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 1049-1058.	3.7	17
221	Cell-mediated BMP release from a novel dual-drug delivery system promotes bone formation. <i>Clinical Oral Implants Research</i> , 2014, 25, 1412-1421.	4.5	27
222	Tensile behavior of FRP and hybrid FRP sheets in freeze-thaw cycling environments. <i>Composites Part B: Engineering</i> , 2014, 60, 239-247.	12.0	50
223	A unified proof on the partial regularity for suitable weak solutions of non-stationary and stationary Navier-Stokes equations. <i>Journal of Differential Equations</i> , 2014, 256, 1224-1249.	2.2	23
224	A critical-sized bone defect. <i>Bone</i> , 2014, 68, 163-164.	2.9	7
225	Staphylococcus epidermidis originating from titanium implants infects surrounding tissue and immune cells. <i>Acta Biomaterialia</i> , 2014, 10, 5202-5212.	8.3	66
226	Nonlinear Behavior and Simulation of Concrete Columns Reinforced by Steel-FRP Composite Bars. <i>Journal of Bridge Engineering</i> , 2014, 19, 220-234.	2.9	33
227	Plastic Hinge Length of FRP-Confined Square RC Columns. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	81
228	Pyrolysis volatiles and environmental impacts of printing paper in air. <i>Cellulose</i> , 2014, 21, 2871-2878.	4.9	6
229	Experimental study on the fire resistance of RC beams strengthened with near-surface-mounted high-Tg BFRP bars. <i>Composites Part B: Engineering</i> , 2014, 60, 680-687.	12.0	65
230	The Roles of Bone Morphogenetic Proteins and Their Signaling in the Osteogenesis of Adipose-Derived Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 84-92.	4.8	64
231	A Novel BMP2 Coprecipitated, Layer-by-Layer Assembled Biomimetic Calcium Phosphate Particle: A Biodegradable and Highly Efficient Osteoinducer. <i>Clinical Implant Dentistry and Related Research</i> , 2014, 16, 643-654.	3.7	22
232	A model-free damage identification method for flexural structures using dynamic measurements from distributed long-gage macro-strain sensors. <i>Journal of Intelligent Material Systems and Structures</i> , 2014, 25, 1614-1630.	2.5	10
233	Bi-Functionalization of a Calcium Phosphate-Coated Titanium Surface with Slow-Release Simvastatin and Metronidazole to Provide Antibacterial Activities and Pro-Osteodifferentiation Capabilities. <i>PLoS ONE</i> , 2014, 9, e97741.	2.5	26
234	The Routine Utilization of Dental Care during Pregnancy in Eastern China and the Key Underlying Factors: A Hangzhou City Study. <i>PLoS ONE</i> , 2014, 9, e98780.	2.5	5

#	ARTICLE	IF	CITATIONS
235	Tensile behaviors of ECR-glass and high strength glass fibers after NaOH treatment. <i>Ceramics International</i> , 2013, 39, 9173-9178.	4.8	29
236	Bond Behavior between Basalt Fiber-Reinforced Polymer Sheet and Concrete Substrate under the Coupled Effects of Freeze-Thaw Cycling and Sustained Load. <i>Journal of Composites for Construction</i> , 2013, 17, 530-542.	3.2	106
237	Global well-posedness for the two-dimensional nonlinear Boussinesq equations with vertical dissipation. <i>Journal of Differential Equations</i> , 2013, 255, 2891-2926.	2.2	23
238	Antagonistic and synergistic effects of bone morphogenetic protein 2/7 and all-trans retinoic acid on the osteogenic differentiation of rat bone marrow stromal cells. <i>Development Growth and Differentiation</i> , 2013, 55, 744-754.	1.5	14
239	Deproteinized bovine bone functionalized with the slow delivery of BMP-2 for the repair of critical-sized bone defects in sheep. <i>Bone</i> , 2013, 56, 110-118.	2.9	48
240	Experimental Study on the Flexural Behavior of RC Beams Strengthened with Steel-Wire Continuous Basalt Fiber Composite Plates. <i>Journal of Composites for Construction</i> , 2013, 17, 208-216.	3.2	9
241	Global well-posedness of the aggregation equation with supercritical dissipation in Besov spaces. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2013, 93, 882-894.	1.6	1
242	PERFORMANCE ADVANCEMENT OF RC COLUMNS BY APPLYING BASALT FRP COMPOSITES WITH NSM AND CONFINEMENT SYSTEM. <i>Journal of Earthquake and Tsunami</i> , 2013, 07, 1350007.	1.3	20
243	Heterodimeric BMP-2/7 Antagonizes the Inhibition of All-Trans Retinoic Acid and Promotes the Osteoblastogenesis. <i>PLoS ONE</i> , 2013, 8, e78198.	2.5	18
244	Investigation on the damage identification of bridges using distributed long-gauge dynamic macrostrain response under ambient excitation. <i>Journal of Intelligent Material Systems and Structures</i> , 2012, 23, 85-103.	2.5	28
245	Experimental study on flexural behavior of concrete beams reinforced by steel-fiber reinforced polymer composite bars. <i>Journal of Reinforced Plastics and Composites</i> , 2012, 31, 1737-1745.	3.1	83
246	Mechanical Properties of Steel-FRP Composite Bars (SFCBs) and Performance of SFCB Reinforced Concrete Structures. <i>Advances in Structural Engineering</i> , 2012, 15, 625-635.	2.4	51
247	Experimental Study on the Fatigue Behavior of Steel Beams Strengthened with Different Fiber-Reinforced Composite Plates. <i>Journal of Composites for Construction</i> , 2012, 16, 127-137.	3.2	73
248	Concept of heat-induced inkless eco-printing. <i>Carbohydrate Polymers</i> , 2012, 89, 849-853.	10.2	9
249	The signaling and functions of heterodimeric bone morphogenetic proteins. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 61-67.	7.2	78
250	BMP2/7 Heterodimer Can Modulate All Cellular Events of the <i>In Vitro</i> RANKL-Mediated Osteoclastogenesis, Respectively, in Different Dose Patterns. <i>Tissue Engineering - Part A</i> , 2012, 18, 621-630.	3.1	28
251	Letter to the Editor on "Effects of BMP-2 and vitamin D3 on the osteogenic differentiation of adipose stem cells". <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 806.	2.1	0
252	Low-dose rhBMP-2/7 heterodimer to reconstruct peri-implant bone defects: a micro-CT evaluation. <i>Journal of Clinical Periodontology</i> , 2012, 39, 98-105.	4.9	33

#	ARTICLE	IF	CITATIONS
253	Functionalization of deproteinized bovine bone with a coating-incorporated depot of BMP-2 renders the material efficiently osteoinductive and suppresses foreign-body reactivity. <i>Bone</i> , 2011, 49, 1323-1330.	2.9	52
254	Rank Sum Test or Paired t Test?. <i>Plastic and Reconstructive Surgery</i> , 2011, 128, 369e.	1.4	0
255	Flexural strengthening of concrete beams with near-surface mounted steel-fiber-reinforced polymer composite bars. <i>Journal of Reinforced Plastics and Composites</i> , 2011, 30, 1529-1537.	3.1	26
256	Long-term cell-mediated protein release from calcium phosphate ceramics. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 463-474.	4.0	27
257	The effect of a slow mode of BMP-2 delivery on the inflammatory response provoked by bone-defect-filling polymeric scaffolds. <i>Biomaterials</i> , 2010, 31, 7485-7493.	11.4	67
258	Mechanical Properties of Steel-FRP Composite Bar under Uniaxial and Cyclic Tensile Loads. <i>Journal of Materials in Civil Engineering</i> , 2010, 22, 1056-1066.	2.9	111
259	Biomimetic coatings for bone tissue engineering of critical-sized defects. <i>Journal of the Royal Society Interface</i> , 2010, 7, S631-47.	3.4	114
260	Cell-mediated BMP-2 liberation promotes bone formation in a mechanically unstable implant environment. <i>Bone</i> , 2010, 46, 1322-1327.	2.9	25
261	rhBMP2/7 Heterodimer: An Osteoblastogenesis Inducer of Not Higher Potency but Lower Effective Concentration Compared with rhBMP2 and rhBMP7 Homodimers. <i>Tissue Engineering - Part A</i> , 2010, 16, 879-887.	3.1	46
262	Biomimetic Coating of Organic Polymers with a Protein-Functionalized Layer of Calcium Phosphate: The Surface Properties of the Carrier Influence Neither the Coating Characteristics Nor the Incorporation Mechanism or Release Kinetics of the Protein. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1255-1265.	2.1	34
263	SAFETY ENHANCEMENT OF URBAN STRUCTURES WITH STRUCTURAL RECOVERABILITY AND CONTROLLABILITY. <i>Journal of Earthquake and Tsunami</i> , 2009, 03, 143-174.	1.3	20
264	STRESS-STRAIN RELATIONSHIP FOR FRP-CONFINED CONCRETE PRISMS. , 2003, , .		5
265	Damage Identification of T-Beam Bridge Based on Distributed Long-Gauge Strain Mode Theory. <i>Applied Mechanics and Materials</i> , 0, 501-504, 1352-1358.	0.2	0
266	Research on the Reparability of Structures Based on Post-Earthquake Residual Deformation. <i>Advanced Materials Research</i> , 0, 919-921, 938-944.	0.3	1
267	Finite element analysis of ballastless track slabs reinforced with fiber-reinforced polymer bars. <i>Advances in Structural Engineering</i> , 0, , 136943322110273.	2.4	1
268	Seismic Performance and Design Process Majorization of a Reinforced Concrete Grid Frame Wall. <i>Journal of Earthquake Engineering</i> , 0, , 1-30.	2.5	4
269	Probabilistic Seismic Capacity Analysis of a Novel Mid-rise Large-span Cassette Structure Using Multidirectional Pushover Method. <i>Journal of Earthquake Engineering</i> , 0, , 1-26.	2.5	4
270	Study on mechanical properties of seawater sea-sand coral aggregate concrete-filled BFRP tubular arches. <i>Advances in Structural Engineering</i> , 0, , 136943322210805.	2.4	0

#	ARTICLE	IF	CITATIONS
271	Investigation and treatment of bearing diseases for typical expressway and high-speed railway bridges in Eastern China: a field practice campaign. Structure and Infrastructure Engineering, 0, , 1-23.	3.7	2