

Jingxin Zhou

List of Publications by Year in descending order

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108
papers

4,457
citations

109137

35
h-index

106150

65
g-index

110
all docs

110
docs citations

110
times ranked

4920
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Construction of Ag/TiO ₂ /g-C ₃ N ₄ Heterojunction Nanocomposite Based on Hierarchical Co-Assembly with Sustainable Hydrogen Evolution. <i>Nanomaterials</i> , 2020, 10, 1.	1.9	340
2	Sandwiched Fe ₃ O ₄ /Carboxylate Graphene Oxide Nanostructures Constructed by Layer-by-Layer Assembly for Highly Efficient and Magnetically Recyclable Dye Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1279-1288.	3.2	283
3	Facile Preparation of Hierarchical AgNP-Loaded MXene/Fe ₃ O ₄ /Polymer Nanocomposites by Electrospinning with Enhanced Catalytic Performance for Wastewater Treatment. <i>ACS Omega</i> , 2019, 4, 1897-1906.	1.6	234
4	Bioinspired Polydopamine Sheathed Nanofibers Containing Carboxylate Graphene Oxide Nanosheet for High-Efficient Dyes Scavenger. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4948-4956.	3.2	224
5	Fabrication of tunable hierarchical MXene@AuNPs nanocomposites constructed by self-reduction reactions with enhanced catalytic performances. <i>Science China Materials</i> , 2018, 61, 728-736.	3.5	203
6	Self-Assembly Reduced Graphene Oxide Nanosheet Hydrogel Fabrication by Anchorage of Chitosan/Silver and Its Potential Efficient Application toward Dye Degradation for Wastewater Treatments. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3130-3139.	3.2	202
7	Hierarchical electrospun nanofibers treated by solvent vapor annealing as air filtration mat for high-efficiency PM _{2.5} capture. <i>Science China Materials</i> , 2019, 62, 423-436.	3.5	136
8	Self-Assembled AgNP-Containing Nanocomposites Constructed by Electrospinning as Efficient Dye Photocatalyst Materials for Wastewater Treatment. <i>Nanomaterials</i> , 2018, 8, 35.	1.9	126
9	Facile Preparation of Self-Assembled Black Phosphorus-Dye Composite Films for Chemical Gas Sensors and Surface-Enhanced Raman Scattering Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4521-4536.	3.2	106
10	Facile preparation of self-assembled hydrogels constructed from poly-cyclodextrin and poly-adamantane as highly selective adsorbents for wastewater treatment. <i>Soft Matter</i> , 2019, 15, 6097-6106.	1.2	105
11	Facile preparation and high performance of wearable strain sensors based on ionically cross-linked composite hydrogels. <i>Science China Materials</i> , 2021, 64, 942-952.	3.5	105
12	Facile preparation and catalytic performance characterization of AuNPs-loaded hierarchical electrospun composite fibers by solvent vapor annealing treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 283-291.	2.3	97
13	Self-assembled MXene-based nanocomposites via layer-by-layer strategy for elevated adsorption capacities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 553, 105-113.	2.3	88
14	Graphene Oxide-Polymer Composite Langmuir Films Constructed by Interfacial Thiol-Ene Photopolymerization. <i>Nanoscale Research Letters</i> , 2017, 12, 99.	3.1	83
15	Fabrication and Highly Efficient Dye Removal Characterization of Beta-Cyclodextrin-Based Composite Polymer Fibers by Electrospinning. <i>Nanomaterials</i> , 2019, 9, 127.	1.9	82
16	Preparation of Palladium Nanoparticles Decorated Polyethyleneimine/Polycaprolactone Composite Fibers Constructed by Electrospinning with Highly Efficient and Recyclable Catalytic Performances. <i>Catalysts</i> , 2019, 9, 559.	1.6	78
17	Facile Preparation of Self-Assembled Polydopamine-Modified Electrospun Fibers for Highly Effective Removal of Organic Dyes. <i>Nanomaterials</i> , 2019, 9, 116.	1.9	78
18	Facile Preparation of Carbon Nanotube-Cu ₂ O Nanocomposites as New Catalyst Materials for Reduction of P-Nitrophenol. <i>Nanoscale Research Letters</i> , 2019, 14, 78.	3.1	74

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19	Preparation and Dye Degradation Performances of Self-Assembled MXene-Co ₃ O ₄ Nanocomposites Synthesized via Solvothermal Approach. ACS Omega, 2019, 4, 3946-3953.	1.6	74
20	Preparation and aggregate state regulation of co-assembly graphene oxide-porphyrin composite Langmuir films via surface-modified graphene oxide sheets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 124023.	2.3	71
21	Preparation and adsorption capacity evaluation of graphene oxide-chitosan composite hydrogels. Science China Materials, 2015, 58, 811-818.	3.5	70
22	Comparison of Graft Patency Between Off-Pump and On-Pump Coronary Artery Bypass Grafting: An Updated Meta-Analysis. Annals of Thoracic Surgery, 2014, 97, 1335-1341.	0.7	67
23	Selective Cu(II) ion removal from wastewater via surface charged self-assembled polystyrene-Schiff base nanocomposites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 545, 60-67.	2.3	66
24	Facile solvothermal preparation of Fe ₃ O ₄ @Ag nanocomposite with excellent catalytic performance. RSC Advances, 2019, 9, 878-883.	1.7	64
25	Fabrication of hierarchical MXene-based AuNPs-containing core-shell nanocomposites for high efficient catalysts. Green Energy and Environment, 2018, 3, 147-155.	4.7	60
26	MicroRNA-92a Inhibition Attenuates Hypoxia/Reoxygenation-Induced Myocardocyte Apoptosis by Targeting Smad7. PLoS ONE, 2014, 9, e100298.	1.1	59
27	Self-Assembled Hydrogels Based on Poly-Cyclodextrin and Poly-Azobenzene Compounds and Applications for Highly Efficient Removal of Bisphenol A and Methylene Blue. ACS Omega, 2018, 3, 11663-11672.	1.6	56
28	Preparation and enhanced structural integrity of electrospun poly(μ -caprolactone)-based fibers by freezing amorphous chains through thiol-ene click reaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 7-13.	2.3	52
29	The Effect of Heparin-VEGF Multilayer on the Biocompatibility of Decellularized Aortic Valve with Platelet and Endothelial Progenitor Cells. PLoS ONE, 2013, 8, e54622.	1.1	49
30	Fabrication of hierarchical SrTiO ₃ @MoS ₂ heterostructure nanofibers as efficient and low-cost electrocatalysts for hydrogen-evolution reactions. Nanotechnology, 2020, 31, 205604.	1.3	47
31	Preparation and dye removal capacities of porous silver nanoparticle-containing composite hydrogels via poly(acrylic acid) and silver ions. RSC Advances, 2016, 6, 110799-110807.	1.7	46
32	Self-assembled functional components-doped conductive polypyrrole composite hydrogels with enhanced electrochemical performances. RSC Advances, 2020, 10, 10546-10551.	1.7	45
33	Preparation of TiO ₂ nanoparticles modified electrospun nanocomposite membranes toward efficient dye degradation for wastewater treatment. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 118-126.	2.7	44
34	Facile Synthesis of Self-Assembled NiFe Layered Double Hydroxide-Based Azobenzene Composite Films with Photoisomerization and Chemical Gas Sensor Performances. ACS Omega, 2020, 5, 3689-3698.	1.6	44
35	Photoresponsive organogel and organized nanostructures of cholesterol imide derivatives with azobenzene substituent groups. Progress in Natural Science: Materials International, 2012, 22, 64-70.	1.8	39
36	Hierarchical AuNPs-Loaded Fe ₃ O ₄ /Polymers Nanocomposites Constructed by Electrospinning with Enhanced and Magnetically Recyclable Catalytic Capacities. Nanomaterials, 2017, 7, 317.	1.9	34

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37	Facile Preparation and Highly Efficient Catalytic Performances of Pd-Cu Bimetallic Catalyst Synthesized via Seed-Mediated Method. <i>Nanomaterials</i> , 2020, 10, 6.	1.9	34
38	Self-assembly of organogels via new luminol imide derivatives: diverse nanostructures and substituent chain effect. <i>Nanoscale Research Letters</i> , 2013, 8, 278.	3.1	30
39	Supramolecular Gel and Nanostructures of Bolaform and Trigonal Cholesteryl Derivatives with Different Aromatic Spacers. <i>Current Nanoscience</i> , 2012, 8, 111-116.	0.7	29
40	Regulation of substituent groups on morphologies and self-assembly of organogels based on some azobenzene imide derivatives. <i>Nanoscale Research Letters</i> , 2013, 8, 160.	3.1	28
41	Development of Decellularized Aortic Valvular Conduit Coated by Heparinâ€“SDF-1Î± Multilayer. <i>Annals of Thoracic Surgery</i> , 2015, 99, 612-618.	0.7	28
42	Guava leaf extracts promote glucose metabolism in SHRSP.Z-Leprfa/lzm rats by improving insulin resistance in skeletal muscle. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 52.	3.7	26
43	Self-assembled polyelectrolyte-based composite hydrogels with enhanced stretchable and adsorption performances. <i>Journal of Molecular Liquids</i> , 2019, 294, 111576.	2.3	26
44	Cyclocarya paliurus extract activates insulin signaling via Sirtuin1 in C2C12 myotubes and decreases blood glucose level in mice with impaired insulin secretion. <i>PLoS ONE</i> , 2017, 12, e0183988.	1.1	26
45	Isoquercitrin activates the AMPâ€“activated protein kinase (AMPK) signal pathway in rat H4IIE cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 42.	3.7	25
46	Interleukin 18 promotes myofibroblast activation of valvular interstitial cells. <i>International Journal of Cardiology</i> , 2016, 221, 998-1003.	0.8	24
47	Facile Synthesis of Cu ₂ O nanoparticle-loaded Carbon Nanotubes Composite Catalysts for Reduction of 4-Nitrophenol. <i>Current Nanoscience</i> , 2020, 16, 617-624.	0.7	24
48	Facile preparation of black phosphorus-based rGO-BP-Pd composite hydrogels with enhanced catalytic reduction of 4-nitrophenol performances for wastewater treatment. <i>Journal of Molecular Liquids</i> , 2020, 310, 113083.	2.3	22
49	Self-Assembly and Headgroup Effect in Nanostructured Organogels via Cationic Amphiphile-Graphene Oxide Composites. <i>PLoS ONE</i> , 2014, 9, e101620.	1.1	22
50	Preparation and self-assembly of graphene oxide-dye composite Langmuir films: Nanostructures and aggregations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 793-800.	2.3	21
51	Self-assembled hydrogels constructed via host-guest polymers with highly efficient dye removal capability for wastewater treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123670.	2.3	21
52	Fabrication of Hydrogels via Hostâ€“Guest Polymers as Highly Efficient Organic Dye Adsorbents for Wastewater Treatment. <i>ACS Omega</i> , 2020, 5, 5470-5479.	1.6	20
53	Preparation of MoS ₂ -based polydopamine-modified coreâ€“shell nanocomposites with elevated adsorption performances. <i>RSC Advances</i> , 2018, 8, 21644-21650.	1.7	19
54	Controllable morphology and highly efficient catalytic performances of Pdâ€“Cu bimetallic nanomaterials prepared via seed-mediated co-reduction synthesis. <i>Applied Surface Science</i> , 2020, 527, 146719.	3.1	19

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55	Spacer effect on nanostructures and self-assembly in organogels via some bolaform cholesteryl imide derivatives with different spacers. <i>Nanoscale Research Letters</i> , 2013, 8, 406.	3.1	18
56	Variable self-assembly and in situ host-guest reaction of beta-cyclodextrin-modified graphene oxide composite Langmuir films with azobenzene compounds. <i>RSC Advances</i> , 2017, 7, 41043-41051.	1.7	18
57	Facile Preparation of Silver Halide Nanoparticles as Visible Light Photocatalysts. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 20.	1.2	17
58	Protective effects of asiatic acid in a spontaneous type 2 diabetic mouse model. <i>Molecular Medicine Reports</i> , 2017, 16, 1333-1339.	1.1	16
59	Binary organogels based on glutamic acid derivatives and different acids: Solvent effect and molecular skeletons on self-assembly and nanostructures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 447, 88-96.	2.3	15
60	Preparation of diamond-based AuNP-modified nanocomposites with elevated catalytic performances. <i>RSC Advances</i> , 2017, 7, 49923-49930.	1.7	15
61	Facile preparation and electrochemical characterization of self-assembled core-shell diamond-polypyrrole nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 787-794.	2.3	15
62	<i>Morinda citrifolia</i> (Noni) fruit juice promotes vascular endothelium function in hypertension via glucagon-like peptide-1 receptor-mediated AMPK-eNOS pathway. <i>Phytotherapy Research</i> , 2020, 34, 2341-2350.	2.8	15
63	Facile Synthesis of Highly Crystalline Fe ₃ O ₄ Nanostructures with Different Shapes as Photocatalysts for Waste Dye Treatment. <i>Science of Advanced Materials</i> , 2016, 8, 1005-1009.	0.1	15
64	Tang-Nai-Kang Alleviates Pre-diabetes and Metabolic Disorders and Induces a Gene Expression Switch toward Fatty Acid Oxidation in SHR.Cg-Leprcp/NDmcr Rats. <i>PLoS ONE</i> , 2015, 10, e0122024.	1.1	14
65	MiR-889 promotes cell growth in human non-small cell lung cancer by regulating KLF9. <i>Gene</i> , 2019, 699, 94-101.	1.0	14
66	Self-Assembly and Drug Release Capacities of Organogels via Some Amide Compounds with Aromatic Substituent Headgroups. <i>Materials</i> , 2016, 9, 541.	1.3	13
67	Nanostructures and Self-Assembly of Organogels via Benzimidazole/Benzothiazole Imide Derivatives with Different Alkyl Substituent Chains. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	12
68	Preparation and High Photocurrent Generation Enhancement of Self-Assembled Layered Double Hydroxide-Based Composite Dye Films. <i>Langmuir</i> , 2020, 36, 7483-7493.	1.6	12
69	Self-Assembled Black Phosphorus-Based Composite Langmuir-Blodgett Films with an Enhanced Photocurrent Generation Capability and Surface-Enhanced Raman Scattering Properties. <i>ACS Omega</i> , 2021, 6, 4430-4439.	1.6	12
70	Facile fabrication of hierarchical diamond-based AuNPs-modified nanocomposites via layer-by-layer assembly with enhanced catalytic capacities. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 614-623.	2.7	11
71	Remote ischemic preconditioning does not improve the clinical outcomes in patients undergoing coronary artery bypass grafting: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2014, 172, e36-e38.	0.8	10
72	Construction and self-assembly of beta-cyclodextrin derivative composite Langmuir films: Host-guest reaction and nanostructures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 533, 68-75.	2.3	10

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73	Non-covalent self-assembly of multi-target polystyrene composite adsorbent with highly efficient Cu(II) ion removal capability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 674-682.	2.3	10
74	Qiwei granules alleviates podocyte lesion in kidney of diabetic KK-Ay mice. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 97.	3.7	8
75	Self-Assembly, Interfacial Nanostructure, and Supramolecular Chirality of the Langmuir-Blodgett Films of Some Schiff Base Derivatives without Alkyl Chain. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	1.5	7
76	Haptoglobin 2-2 Genotype is Associated with More Advanced Disease in Subjects with Non-Alcoholic Steatohepatitis: A Retrospective Study. <i>Advances in Therapy</i> , 2019, 36, 880-895.	1.3	7
77	Nanostructures and Substituent Alkyl Chains Effect on Assembly of Organogels Based on Some Glutamic Acid Diethyl Ester Imide Derivatives. <i>Current Nanoscience</i> , 2013, 9, 536-542.	0.7	7
78	The Role of Intestinal Fungi and Its Metabolites in Chronic Liver Diseases. <i>Gut and Liver</i> , 2020, 14, 291-296.	1.4	7
79	Supramolecular Assembly and Headgroup Effect in Interfacial Organized Films (I): A Study of Some Bolaamphiphiles. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1592-1598.	1.3	6
80	Preparation and Photocatalytic Property of Gold Nanoparticles by Using Two Bolaform Cholesteryl Imide Derivatives. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1675-1682.	1.3	6
81	Chemical Vapor Deposition-Assisted Fabrication of Self-Assembled Co/MnO@C Composite Nanofibers as Advanced Anode Materials for High-Capacity Li-Ion Batteries. <i>Langmuir</i> , 2020, 36, 14342-14351.	1.6	6
82	Preparation and Absorption Capacity Evaluation of Composite Hydrogels via Graphene Oxide and Multi-Amine Molecules. <i>Science of Advanced Materials</i> , 2016, 8, 1400-1407.	0.1	6
83	Off-pump coronary artery bypass grafting does not increase the 1-year mortality compared to on-pump: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2013, 169, e93-e95.	0.8	5
84	Transcatheter closure of patent foramen ovale does not reduce the risk of recurrent ischemic stroke versus medical therapy alone: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2013, 169, e106-e108.	0.8	5
85	Interfacial assembly of a series of Cu(II)-coordinated Schiff bases complexes: orderly nanostructures and supramolecular chirality. <i>Science China Technological Sciences</i> , 2013, 56, 20-24.	2.0	5
86	Self-Assembly and Soft Material Preparation of Binary Organogels via Aminobenzimidazole/Benzothiazole and Acids with Different Alkyl Substituent Chains. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-11.	1.5	5
87	Preparation of Iron-Nickel Alloy Nanostructures via Two Cationic Pyridinium Derivatives as Soft Templates. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 25.	1.2	5
88	Photothermally-Induced Molecular Self-Assembly of Macroscopic Peptide-Inorganic Hybrid Films. <i>Science of Advanced Materials</i> , 2015, 7, 1701-1707.	0.1	5
89	Organogels via Gemini Amphiphile-Graphene Oxide Nanocomposites: Self-Assembly and Symmetry Effect. <i>Science of Advanced Materials</i> , 2015, 7, 1677-1685.	0.1	5
90	Minimally invasive direct coronary artery bypass reduces the need for repeated revascularization at long-term follow-up compared with stenting: A meta-analysis. <i>International Journal of Cardiology</i> , 2013, 168, 5469-5471.	0.8	3

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91	Mg ₃ Y ₂ Ge ₃ O ₁₂ :Bi ³⁺ UV fluorescent phosphor as the TiO ₂ "sensitizer" for enhancing the heavy oil viscosity reduction. <i>Ceramics International</i> , 2019, 45, 13112-13118.	2.3	3
92	Facile Fabrication of SrTiO ₃ @MoS ₂ Composite Nanofibers for Excellent Photodetector Application. <i>Journal of Chemistry</i> , 2020, 2020, 1-7.	0.9	3
93	Supramolecular Assemblies and Self-Sorting of a Series of Cu(II)-Coordinated Schiff Bases Complexes at the Air/Water Interface. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 1120-1127.	1.3	2
94	Electrochemiluminescent Detection of Hydrogen Peroxide via Some Luminol Imide Derivatives with Different Substituent Groups. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	0.9	2
95	Supramolecular Assembly and Nanostructures of a Series of Luminol Derivatives with Aromatic/Alkyl Substituted Groups in Langmuir-Blodgett Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4400-4404.	0.9	2
96	Investigation of Orderly Nanostructures and Assembly Modes of Binary Organogels via Glutamic Acid Amino Derivative and Different Fatty Acids. <i>Integrated Ferroelectrics</i> , 2014, 151, 31-41.	0.3	2
97	Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1120.	0.7	2
98	Preparation and adsorption capacities evaluation of supramolecular two-component gels nanostructures via fluorine-containing diacid and glutamic acid amino derivative. <i>Integrated Ferroelectrics</i> , 2018, 189, 135-146.	0.3	2
99	Closure of patent foramen ovale and prevention of recurrent thromboembolic events. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 84, 164-164.	0.7	1
100	Preparation and self-assembly of two-component organogels via hexafluoropropane amino derivative and different acids. <i>Integrated Ferroelectrics</i> , 2017, 182, 75-83.	0.3	1
101	Self-assembled Graphene/Graphene Oxide-Based Nanocomposites Toward Photodynamic Therapy Applications. , 2018, , 227-254.		1
102	Self-Assembled Composite Langmuir Films via Fluorine-Containing Bola-Type Derivative with Metal Ions. <i>Coatings</i> , 2018, 8, 141.	1.2	1
103	Supramolecular Assembly and Headgroup Effect in Interfacial Organized Films (II): A Study of Some Single Chain Amphiphiles. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1599-1604.	1.3	0
104	Nanostructure and supramolecular assembly of binary mixed organogels via trigonal acids and bipyridine derivatives. <i>International Journal of Nanomanufacturing</i> , 2013, 9, 375.	0.3	0
105	Preparation and photocatalytic property of silver nanoparticles using cationic pyridine derivative. <i>Integrated Ferroelectrics</i> , 2016, 169, 15-21.	0.3	0
106	Preparation and Cu(II) ion removal capacities of Schiff base-based polystyrene nanocomposites for wastewater treatment. <i>Integrated Ferroelectrics</i> , 2019, 197, 49-57.	0.3	0
107	Green Preparation and Environmental Applications of Some Electrospun Fibers. <i>Materials Horizons</i> , 2021, , 455-484.	0.3	0
108	Graphene-based polymer composite films. , 2022, , 309-331.		0