

Hua Tong

List of Publications by Year in descending order

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67
papers

2,493
citations

159585

30
h-index

206112

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all docs

67
docs citations

67
times ranked

3762
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual pore-former method to prepare nitrogen-doped hierarchical porous carbons for supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162587.	5.5	10
2	Nitrogen and sulfur co-doped porous chitosan hydrogel-derived carbons for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116060.	3.8	16
3	Comprehensive Analysis of the Surface Decoration Layer of Buddha Statues from Dazu Rock Carvings in China. <i>Analytical Letters</i> , 2022, 55, 2058-2073.	1.8	2
4	Potassium chloride-catalyzed growth of porous carbon nanotubes for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164242.	5.5	14
5	Recent design and control of carbon materials for supercapacitors. <i>Journal of Materials Science</i> , 2021, 56, 1919-1942.	3.7	36
6	One-step copper-catalyzed synthesis of porous carbon nanotubes for high-performance supercapacitors. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110670.	4.4	37
7	Systematic study of the material, structure and lacquering techniques of lacquered wooden coffins from the Eastern Regius Tombs of the Qing Dynasty, China. <i>Microchemical Journal</i> , 2021, 168, 106369.	4.5	8
8	Micro-Raman, XRD and THM-Py-GC/MS analysis to characterize the materials used in the Eleven-Faced Guanyin of the Du Le Temple of the Liao Dynasty, China. <i>Microchemical Journal</i> , 2021, 171, 106828.	4.5	10
9	Formation of an Organic-Inorganic Hybrid Network Structure by In Situ Polymerization of Silicone to Protect Cultural Heritage Stonework. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, 04019322.	2.9	2
10	One-step pyrolysis toward nitrogen-doped hierarchical porous carbons for supercapacitors. <i>Journal of Materials Science</i> , 2020, 55, 12191-12202.	3.7	14
11	Spectroscopic investigation and comprehensive analysis of the polychrome clay sculpture of Hua Yan Temple of the Liao Dynasty. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118574.	3.9	17
12	Three-dimensional self-doped hierarchical porous mussel nacre-derived carbons for high performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14382-14390.	2.2	11
13	Use of THM-PY-GC/MS technique to characterize complex, multilayered Chinese lacquer. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 339-348.	5.5	28
14	Scalable one-step synthesis of N,S co-doped graphene-enhanced hierarchical porous carbon foam for high-performance solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7591-7603.	10.3	98
15	Comparisons of the restoring and reinforcement effects of carboxymethyl chitosan-silk fibroin (<i>Bombyx Mori/Antheraea Yamamai/Tussah</i>) on aged historic silk. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 71-79.	7.5	12
16	Rational design of a stable, effective, and sustained dexamethasone delivery platform on a titanium implant: An innovative application of metal organic frameworks in bone implants. <i>Chemical Engineering Journal</i> , 2018, 333, 20-33.	12.7	45
17	Rational design of a high-strength bone scaffold platform based on in situ hybridization of bacterial cellulose/nano-hydroxyapatite framework and silk fibroin reinforcing phase. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 107-124.	3.5	22
18	Relationship Between Yolk Sac Liquid Crystal Formation and Calcium Transport in Pigeon Egg Yolk Sac Endoderm. <i>Agricultural Research</i> , 2018, 7, 232-238.	1.7	0

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19	One-Pot Template-Free Strategy toward 3D Hierarchical Porous Nitrogen-Doped Carbon Framework in Situ Armored Homogeneous NiO Nanoparticles for High-Performance Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 22278-22290.	8.0	43
20	Preparation and characterization of gelatin/hydroxyapatite nanocomposite for bone tissue engineering. Polymer Composites, 2017, 38, 1579-1590.	4.6	15
21	Comparisons among Mg, Zn, Sr, and Si doped nano-hydroxyapatite/chitosan composites for load-bearing bone tissue engineering applications. Materials Chemistry Frontiers, 2017, 1, 900-910.	5.9	51
22	Constructing multi-component organic/inorganic composite bacterial cellulose-gelatin/hydroxyapatite double-network scaffold platform for stem cell-mediated bone tissue engineering. Materials Science and Engineering C, 2017, 78, 130-140.	7.3	63
23	Constructing an Anisotropic Triple-Pass Tubular Framework within a Lyophilized Porous Gelatin Scaffold Using Dexamethasone-Loaded Functionalized Whatman Paper To Reinforce Its Mechanical Strength and Promote Osteogenesis. Biomacromolecules, 2017, 18, 3788-3801.	5.4	6
24	Analysis on the Composition/structure and Lacquering Techniques of the Coffin of Emperor Qianlong Excavated from the Eastern Imperial Tombs. Scientific Reports, 2017, 7, 8446.	3.3	16
25	Scientific investigation of the lacquered wooden coffin of Xiang Fei excavated from Eastern Royal Tombs of the Qing Dynasty. New Journal of Chemistry, 2017, 41, 9806-9814.	2.8	12
26	Synthesis and cytocompatibility of collagen/hydroxyapatite nanocomposite scaffold for bone tissue engineering. Polymer Composites, 2016, 37, 81-90.	4.6	34
27	Incorporation of homogeneous Co ₃ O ₄ into a nitrogen-doped carbon aerogel via a facile in situ synthesis method: implications for high performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2016, 4, 9542-9554.	10.3	101
28	Rational design of uniformly embedded metal oxide nanoparticles into nitrogen-doped carbon aerogel for high-performance asymmetric supercapacitors with a high operating voltage window. Journal of Materials Chemistry A, 2016, 4, 16576-16587.	10.3	50
29	A novel chitosan-tussah silk fibroin/nano-hydroxyapatite composite bone scaffold platform with tunable mechanical strength in a wide range. International Journal of Biological Macromolecules, 2016, 93, 87-97.	7.5	37
30	Composition/structure and lacquering craft analysis of Wenzhou Song dynasty lacquerware. Analytical Methods, 2016, 8, 6529-6536.	2.7	17
31	A facile method for the preparation of chitosan-based scaffolds with anisotropic pores for tissue engineering applications. Carbohydrate Polymers, 2016, 152, 615-623.	10.2	13
32	Carboxylated Agarose (CA)-Silk Fibroin (SF) Dual Confluent Matrices Containing Oriented Hydroxyapatite (HA) Crystals: Biomimetic Organic/Inorganic Composites for Tibia Repair. Biomacromolecules, 2016, 17, 2437-2447.	5.4	22
33	Development of mesoporous titanium dioxide hybrid poly(vinylidene fluoride) ultrafiltration membranes with photocatalytic properties. Journal of Applied Polymer Science, 2016, 133, .	2.6	13
34	Templated synthesis and activation of highly nitrogen-doped worm-like carbon composites based on melamine-urea-formaldehyde resins for high performance supercapacitors. Electrochimica Acta, 2016, 194, 168-178.	5.2	59
35	Red lead degradation: monitoring of color change over time. New Journal of Chemistry, 2016, 40, 3686-3692.	2.8	18
36	A detailed study of homogeneous agarose/hydroxyapatite nanocomposites for load-bearing bone tissue. International Journal of Biological Macromolecules, 2016, 82, 134-143.	7.5	39

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37	The effect of pigeon yolk sac fluid on the growth behavior of calcium carbonate crystals. <i>Poultry Science</i> , 2015, 94, 402-407.	3.4	1
38	Fabrication and characterization of chitosan-silk fibroin/hydroxyapatite composites via in situ precipitation for bone tissue engineering. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 1661-1671.	3.8	18
39	A novel nanocomposite for bone tissue engineering based on chitosan-silk sericin/hydroxyapatite: biomimetic synthesis and its cytocompatibility. <i>RSC Advances</i> , 2015, 5, 56410-56422.	3.6	43
40	Bio-templated synthesis of hierarchically ordered macro-mesoporous anatase titanium dioxide flakes with high photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 15572-15578.	3.6	33
41	Three-dimensional hierarchical porous carbon/graphene composites derived from graphene oxide-chitosan hydrogels for high performance supercapacitors. <i>Electrochimica Acta</i> , 2015, 171, 13-22.	5.2	120
42	Quantitative analysis of the water of crystallization of gypsum by near-infrared spectroscopy in Yungang Grottoes. <i>Analytical Methods</i> , 2015, 7, 8271-8276.	2.7	9
43	Biomimetic synthesis of chitosan/hydroxyapatite bio-composites based on a novel bilayer rate-controlling model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 457-464.	5.0	11
44	Comparisons between gelatin-tussah silk fibroin/hydroxyapatite and gelatin-Bombyx mori silk fibroin/hydroxyapatite nano-composites for bone tissue engineering. <i>RSC Advances</i> , 2015, 5, 76526-76537.	3.6	12
45	Characterization of calcium carbonate crystals in pigeon yolk sacs with different incubation times. <i>Micron</i> , 2014, 60, 39-48.	2.2	2
46	Preparation and evaluation of collagen-silk fibroin/hydroxyapatite nanocomposites for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2014, 65, 1-7.	7.5	78
47	Investigation into the deterioration process of archaeological bamboo strips of China from four different periods by chemical and anatomical analysis. <i>Polymer Degradation and Stability</i> , 2014, 109, 71-78.	5.8	10
48	Synthesis and characterization of chitosan-multiwalled carbon nanotubes/hydroxyapatite nanocomposites for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1843-1851.	3.6	70
49	Study of the degradation mechanism of Chinese historic silk (<i>Bombyx mori</i>) for the purpose of conservation. <i>Polymer Degradation and Stability</i> , 2013, 98, 727-735.	5.8	63
50	Reinforcement of vulnerable historic silk fabrics with bacterial cellulose film and its light aging behavior. <i>Carbohydrate Polymers</i> , 2012, 88, 496-501.	10.2	36
51	Synthesis and characterization of low content of different SiO ₂ materials composite poly (vinylidene fluoride)/overlaid	8.2	92
52	Facile synthesis of anisotropic porous chitosan/hydroxyapatite scaffolds for bone tissue engineering. <i>Journal of Materials Chemistry</i> , 2011, 21, 12015.	6.7	37
53	A novel method for the fabrication of homogeneous hydroxyapatite/collagen nanocomposite and nanocomposite scaffold with hierarchical porosity. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 299-305.	3.6	50
54	Synthesis of highly ordered macro-mesoporous anatase TiO ₂ film with high photocatalytic activity. <i>Microporous and Mesoporous Materials</i> , 2011, 138, 200-206.	4.4	55

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55	Synthesis and characterization of SBA-15/poly (vinylidene fluoride) (PVDF) hybrid membrane. Desalination, 2010, 260, 147-152.	8.2	48
56	The inducing effect of lecithin liposome organic template on the nucleation and crystal growth of calcium carbonate. Materials Science and Engineering C, 2009, 29, 222-227.	7.3	28
57	Preparation and characterization of homogeneous chitosan/poly(lactide) (PLA)/hydroxyapatite nanocomposite for bone tissue engineering and evaluation of its mechanical properties. Acta Biomaterialia, 2009, 5, 2693-2703.	8.3	225
58	Yolk spherocrystal: The structure, composition and liquid crystal template. Journal of Structural Biology, 2008, 163, 1-9.	2.8	14
59	A Novel Approach of Homogenous Inorganic/Organic Composite through In Situ Precipitation in Gelatine/Poly(Acrylic Acid) Gel. Key Engineering Materials, 2007, 361-363, 499-502.	0.4	2
60	Homogeneous chitosan/carbonate apatite/citric acid nanocomposites prepared through a novel in situ precipitation method. Composites Science and Technology, 2007, 67, 2238-2245.	7.8	43
61	A novel approach to study the dynamic process of calcium carbonate crystal growth by microcalorimetric method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 458, 244-248.	5.6	16
62	A novel approach of homogenous inorganic/organic composites through in situ precipitation in poly-acrylic acid gel. Materials Letters, 2007, 61, 629-634.	2.6	20
63	Studies on induction of l-aspartic acid modified chitosan to crystal growth of the calcium phosphate in supersaturated calcification solution by quartz crystal microbalance. Biosensors and Bioelectronics, 2006, 22, 291-297.	10.1	20
64	Control over the crystal phase, shape, size and aggregation of calcium carbonate via a l-aspartic acid inducing process. Biomaterials, 2004, 25, 3923-3929.	11.4	209
65	Characterization of Kangxi Coins of Tsing Empire by SEM-EDS. Mikrochimica Acta, 2003, 142, 123-127.	5.0	4
66	In situ analysis of the organic framework in the prismatic layer of mollusc shell. Biomaterials, 2002, 23, 2593-2598.	11.4	39
67	A Method for the Fabrication of Low-Noise Carbon Fiber Nanoelectrodes. Analytical Chemistry, 2001, 73, 1048-1052.	6.5	114