

Feng Tian

List of Publications by Year in descending order

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41
papers

1,045
citations

623734

14
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24
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43
docs citations

43
times ranked

1743
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step synthesis of surface passivated carbon nanodots by microwave assisted pyrolysis for enhanced multicolor photoluminescence and bioimaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 13163.	6.7	300
2	Mg/N double doping strategy to fabricate extremely high luminescent carbon dots for bioimaging. <i>RSC Advances</i> , 2014, 4, 3201-3205.	3.6	163
3	Polysaccharides-modified chitosan as improved and rapid hemostasis foam sponges. <i>Carbohydrate Polymers</i> , 2021, 264, 118028.	10.2	72
4	A rapid hemostatic sponge based on large, mesoporous silica nanoparticles and <i>N</i> -alkylated chitosan. <i>Nanoscale</i> , 2018, 10, 20234-20245.	5.6	70
5	Blood clot initiation by mesoporous silica nanoparticles: dependence on pore size or particle size?. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7146-7154.	5.8	69
6	Blood coagulation evaluation of <i>N</i> -alkylated chitosan. <i>Carbohydrate Polymers</i> , 2017, 173, 259-268.	10.2	54
7	Exploration of Blood Coagulation of <i>N</i> -Alkyl Chitosan Nanofiber Membrane in Vitro. <i>Biomacromolecules</i> , 2018, 19, 731-739.	5.4	51
8	One-step synthesis of nanohybrid carbon dots and TiO ₂ composites with enhanced ultraviolet light active photocatalysis. <i>RSC Advances</i> , 2015, 5, 8389-8396.	3.6	38
9	Increment of the FRET efficiency between carbon dots and photosensitizers for enhanced photodynamic therapy. <i>RSC Advances</i> , 2016, 6, 101447-101451.	3.6	34
10	Surface Functionalization of Polyethersulfone Membrane with Quaternary Ammonium Salts for Contact-Active Antibacterial and Anti-Biofouling Properties. <i>Materials</i> , 2016, 9, 376.	2.9	31
11	Bioluminescence-initiated photodynamic therapy bridged on high-luminescent carbon dots-conjugated protoporphyrin IX. <i>Journal of Materials Science</i> , 2019, 54, 3383-3391.	3.7	26
12	Self-Illuminating Photodynamic Therapy with Enhanced Therapeutic Effect by Optimization of the Chemiluminescence Resonance Energy Transfer Step to the Photosensitizer. <i>Bioconjugate Chemistry</i> , 2020, 31, 595-604.	3.6	26
13	Comparison of the properties of collagen-chitosan scaffolds after ¹³⁷ I-ray irradiation and carbodiimide cross-linking. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 937-953.	3.5	23
14	Quaternized chitosan/cellulose composites as enhanced hemostatic and antibacterial sponges for wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 271-281.	7.5	19
15	Preparation and evaluation of poly(ϵ -hydroxybutyrate) microspheres containing bovine serum albumin for controlled release. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3826-3835.	2.6	10
16	Preparation and characterization of improved microspheres containing bovine serum albumin. <i>Journal of Applied Polymer Science</i> , 2009, 114, 818-825.	2.6	10
17	Retrospection-Simulation-Revision: Approach to the Analysis of the Composition and Characteristics of Medical Waste at a Disaster Relief Site. <i>PLoS ONE</i> , 2016, 11, e0159261.	2.5	10
18	Ca-Ga Double Doping Strategy to Fabricate Hemostatic Mesoporous Silica Nanoparticles (MSN) with Antibacterial Activity. <i>Silicon</i> , 2021, 13, 4033-4045.	3.3	6

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19	Fabrication of effective mesoporous silica materials for emergency hemostasis application. Silicon, 2022, 14, 10521-10534.	3.3	6
20	II. Characterizations of Alginate-Chitosan Hydrogel for Wound Dressing Application. Advanced Materials Research, 0, 490-495, 3124-3128.	0.3	5
21	Detector location selection based on VIP analysis in near-infrared detection of dural hematoma. Saudi Journal of Biological Sciences, 2018, 25, 452-456.	3.8	5
22	Insight into Effects of Different Drying Methods on Morphological Properties of Sodium Alginate-Chitosan Double Coacervation Hydrogel Beads. Applied Mechanics and Materials, 0, 184-185, 1025-1029.	0.2	3
23	Strongly fluorescent hydrogel with carbon dots embedded in matrices in situ. Journal of Controlled Release, 2015, 213, e16-e17.	9.9	3
24	The Comparative Analysis of Cushion or Shock Absorption Characteristic of Commonly-Used Cushion Packaging Materials. Advanced Materials Research, 0, 490-495, 3902-3906.	0.3	2
25	Dynamic sessile micro-droplet evaporation monitored by electric impedance sensing. RSC Advances, 2018, 8, 13772-13779.	3.6	2
26	Study on the Blending Solution Behavior and Membrane Properties of Sodium Alginate and Chitosan. , 2009, , .		1
27	Effect of Additives on Characteristics of Poly(3-Hydroxybutyrate) Microspheres. Advanced Materials Research, 2010, 160-162, 54-59.	0.3	1
28	A NOVEL METHOD TO SIMULATE FORCE-CHEST DISPLACEMENT RELATIONSHIP DURING CARDIOPULMONARY RESUSCITATION. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 519-526.	0.6	1
29	Fabrication of Strong Photoluminescent Carbon Nanodots and its Preliminary Application in Cell Imaging. Advanced Materials Research, 0, 800, 312-316.	0.3	1
30	The Feature-Based Parametrized Solid Module and the Dynamic Simulated Research of Medical Chest. Applied Mechanics and Materials, 0, 401-403, 427-430.	0.2	1
31	One-Step Synthesis of Water-Soluble Fluorescent Carbon Dots. Materials Science Forum, 2015, 815, 434-439.	0.3	1
32	Structure Optimization Design and Airflow Numerical Simulation for Negative Pressure Isolated Cabin. Advanced Materials Research, 2012, 490-495, 876-879.	0.3	0
33	Research on Design and Test of Negative Pressure Isolator System for Infectious Disease Patients Based on Multi-Cavity Gasbag Structure. Advanced Materials Research, 0, 591-593, 288-291.	0.3	0
34	Preparation and Basic Characterizations of Alginate-Chitosan Hydrogel. Advanced Materials Research, 0, 490-495, 3396-3400.	0.3	0
35	The Microenvironment Simulation and Ergonomic Evaluation of Negative Pressure Isolation Cabin. Applied Mechanics and Materials, 2012, 184-185, 557-560.	0.2	0
36	Surface Acoustic Wave Based Radio Frequency Identification. Advanced Materials Research, 2012, 490-495, 1802-1806.	0.3	0

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37	The Structural Design and Experimental Research of Multi-Level Cushioning Packaging Storage Box. Advanced Materials Research, 0, 655-657, 207-210.	0.3	0
38	Design of Transport Package CAD System Based on Corrugated Board Cushioning. Advanced Materials Research, 0, 1030-1032, 2002-2005.	0.3	0
39	Study on a New Green Packaging Material Performance and Development. Advanced Materials Research, 2014, 1030-1032, 181-184.	0.3	0
40	Development of the Portable Field First-Aid Diagnosis Bed. Applied Mechanics and Materials, 2014, 599-601, 914-917.	0.2	0
41	Rapid FRET-based homogeneous immunoassay of procalcitonin using matched carbon dots labels. Nanotechnology, 2022, 33, 085702.	2.6	0