

# Guo-Chung Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7735832/publications.pdf>

Version: 2024-02-01

31  
papers

844  
citations

643344

15  
h-index

536525

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of Low Concentration of Micro-Plastics by Detection of Bioaffinity-Induced Particle Retention Using Surface Plasmon Resonance Biosensors. <i>Biosensors</i> , 2021, 11, 219.	2.3	10
2	A Cyclic BMP-2 Peptide Upregulates BMP-2 Protein-Induced Cell Signaling in Myogenic Cells. <i>Polymers</i> , 2021, 13, 2549.	2.0	3
3	A study of <i>Drynaria fortunei</i> in modulation of BMP $\alpha$ 2 signalling by bone tissue engineering. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1444-1453.	0.4	8
4	An MRI-Guided Ring High-Intensity Focused Ultrasound System for Noninvasive Breast Ablation. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 1839-1847.	1.7	7
5	Enhancement of Neurite Outgrowth by Warming Biomaterial Ultrasound Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2236.	1.8	2
6	Bioactive Glass as a Nanoporous Drug Delivery System for Teicoplanin. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2595.	1.3	10
7	The preparation of oxidized methylcellulose crosslinked by adipic acid dihydrazide loaded with vitamin C for traumatic brain injury. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4499-4508.	2.9	19
8	Efficacy of <i>Bletilla striata</i> polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	27
9	Development of an MRI-Compatible High-Intensity Focused Ultrasound Phased Array Transducer Dedicated for Breast Tumor Treatment. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 1423-1432.	1.7	12
10	A Coaxial Dual-element Focused Ultrasound Probe for Guidance of Epidural Catheterization: An Experimental Study. <i>Ultrasonic Imaging</i> , 2017, 39, 283-294.	1.4	2
11	Cardiac fibrosis in mouse expressing DsRed tetramers involves chronic autophagy and proteasome degradation insufficiency. <i>Oncotarget</i> , 2016, 7, 54274-54289.	0.8	10
12	A potent inhibition of oxidative stress induced gene expression in neural cells by sustained ferulic acid release from chitosan based hydrogel. <i>Materials Science and Engineering C</i> , 2015, 49, 691-699.	3.8	35
13	A New Class of Biocompatible Tricalcium Phosphate/ Polypropylene Carbonate/ Polylactic Acid Nanocomposites with Controlled Flexibility and Biodegradability. <i>Current Nanoscience</i> , 2014, 10, 194-199.	0.7	3
14	Injectable and Thermo-responsive Self-Assembled Nanocomposite Hydrogel for Long-Term Anticancer Drug Delivery. <i>Langmuir</i> , 2013, 29, 3721-3729.	1.6	105
15	Autologous bone marrow stromal cells loaded onto porous gelatin scaffolds containing <i>Drynaria fortunei</i> extract for bone repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 954-962.	2.1	10
16	Evaluation of Adhesion Force and Binding Affinity of Phytohemagglutinin Erythroagglutinating to EGF Receptor on Human Lung Cancer Cells. <i>Current Medicinal Chemistry</i> , 2013, 20, 2476-2485.	1.2	2
17	Preparation and characterization of dexamethasone-immobilized chitosan scaffold. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 654-660.	1.1	23
18	Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2011, 26, 565-577.	0.8	142

#	ARTICLE	IF	CITATIONS
19	Induction of the Mitochondria Apoptosis Pathway by Phytohemagglutinin Erythroagglutinating in Human Lung Cancer Cells. <i>Annals of Surgical Oncology</i> , 2011, 18, 848-856.	0.7	12
20	Effects of Collagen Nano-Spheres on Cell Cultures. <i>Current Nanoscience</i> , 2011, 7, 938-942.	0.7	0
21	Kinetic studies on the interaction between EGFR and EGF and its traditional Chinese medicine-modulation by surface plasmon resonance. , 2010, , .		0
22	Blocking Effect of an Immuno-Suppressive Agent, Cynarin, on CD28 of T-Cell Receptor. <i>Pharmaceutical Research</i> , 2009, 26, 375-381.	1.7	27
23	Reconstruction of calvarial defect using a tricalcium phosphate-oligomeric proanthocyanidins cross-linked gelatin composite. <i>Biomaterials</i> , 2009, 30, 1682-1688.	5.7	34
24	A novel bone substitute composite composed of tricalcium phosphate, gelatin and <i>drynaria fortunei</i> herbal extract. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 167-177.	2.1	37
25	Development of gelatin nanoparticles with biotinylated EGF conjugation for lung cancer targeting. <i>Biomaterials</i> , 2007, 28, 3996-4005.	5.7	141
26	Immuno-suppressive Effect of Blocking the CD28 Signaling Pathway in T-cells by an Active Component of <i>Echinacea</i> Found by a Novel Pharmaceutical Screening Method. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1845-1854.	2.9	22
27	Immobilization of Chinese herbal medicine onto the surface-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2003, 24, 2413-2422.	5.7	24
28	The effect of <i>Gu-Sui-Bu</i> ( <i>Drynaria fortunei</i> J. Sm) immobilized modified calcium hydrogenphosphate on bone cell activities. <i>Biomaterials</i> , 2003, 24, 873-882.	5.7	17
29	Syntheses and Structures of Zinc(II) Coordination Polymers Bridged by Flexible Bidentate Nitrogen Ligands. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 331-334.	0.8	5
30	The effect of <i>Gu-Sui-Bu</i> ( <i>Drynaria fortunei</i> J. Sm) on bone cell activities. <i>Biomaterials</i> , 2002, 23, 3377-3385.	5.7	43
31	A study on grafting and characterization of HMDI-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2001, 22, 3179-3189.	5.7	52