

# Guo-Chung Dong

## List of Publications by Year in descending order

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31  
papers

844  
citations

567247

15  
h-index

477281

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1927  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Cell adhesion and proliferation enhancement by gelatin nanofiber scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2011, 26, 565-577.   | 2.1  | 142       |
| 2  | Development of gelatin nanoparticles with biotinylated EGF conjugation for lung cancer targeting. <i>Biomaterials</i> , 2007, 28, 3996-4005.   | 11.4 | 141       |
| 3  | Injectable and Thermo-responsive Self-Assembled Nanocomposite Hydrogel for Long-Term Anticancer Drug Delivery. <i>Langmuir</i> , 2013, 29, 3721-3729.  | 3.5  | 105       |
| 4  | A study on grafting and characterization of HMDI-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2001, 22, 3179-3189.  | 11.4 | 52        |
| 5  | The effect of Gu-Sui-Bu ( <i>Drynaria fortunei</i> J. Sm) on bone cell activities. <i>Biomaterials</i> , 2002, 23, 3377-3385.  | 11.4 | 43        |
| 6  | 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.                                | 4.0  | 37        |
| 7  | 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.                        | 7.3  | 35        |
| 8  | Reconstruction of calvarial defect using a tricalcium phosphate-oligomeric proanthocyanidins cross-linked gelatin composite. <i>Biomaterials</i> , 2009, 30, 1682-1688.  | 11.4 | 34        |
| 9  | Blocking Effect of an Immuno-Suppressive Agent, Cynarin, on CD28 of T-Cell Receptor. <i>Pharmaceutical Research</i> , 2009, 26, 375-381.   | 3.5  | 27        |
| 10 | Efficacy of <i>Bletilla striata</i> polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes. <i>Journal of Polymer Research</i> , 2018, 25, 1.  | 2.4  | 27        |
| 11 | Immobilization of Chinese herbal medicine onto the surface-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2003, 24, 2413-2422.  | 11.4 | 24        |
| 12 | Preparation and characterization of dexamethasone-immobilized chitosan scaffold. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 654-660.   | 2.2  | 23        |
| 13 | Immuno-suppressive Effect of Blocking the CD28 Signaling Pathway in T-cells by an Active Component of Echinacea Found by a Novel Pharmaceutical Screening Method. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1845-1854.         | 6.4  | 22        |
| 14 | 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.                                     | 5.8  | 19        |
| 15 | The effect of Gu-Sui-Bu ( <i>Drynaria fortunei</i> J. Sm) immobilized modified calcium hydrogenphosphate on bone cell activities. <i>Biomaterials</i> , 2003, 24, 873-882.   | 11.4 | 17        |
| 16 | Induction of the Mitochondria Apoptosis Pathway by Phytohemagglutinin Erythroagglutinating in Human Lung Cancer Cells. <i>Annals of Surgical Oncology</i> , 2011, 18, 848-856.   | 1.5  | 12        |
| 17 | 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. | 3.0  | 12        |
| 18 | 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.                 | 4.0  | 10        |

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|----|--|-----|-----------|
| 19 | Bioactive Glass as a Nanoporous Drug Delivery System for Teicoplanin. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2595.  | 2.5 | 10        |
| 20 | 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.                     | 4.7 | 10        |
| 21 | Cardiac fibrosis in mouse expressing DsRed tetramers involves chronic autophagy and proteasome degradation insufficiency. <i>Oncotarget</i> , 2016, 7, 54274-54289.  | 1.8 | 10        |
| 22 | A study of <i>Drynaria fortunei</i> in modulation of BMP <sup>2</sup> signalling by bone tissue engineering. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1444-1453.                               | 0.9 | 8         |
| 23 | 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.           | 3.0 | 7         |
| 24 | 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.                               | 1.4 | 5         |
| 25 | A Cyclic BMP-2 Peptide Upregulates BMP-2 Protein-Induced Cell Signaling in Myogenic Cells. <i>Polymers</i> , 2021, 13, 2549.   | 4.5 | 3         |
| 26 | 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. | 1.2 | 3         |
| 27 | A Coaxial Dual-element Focused Ultrasound Probe for Guidance of Epidural Catheterization: An Experimental Study. <i>Ultrasonic Imaging</i> , 2017, 39, 283-294.  | 2.6 | 2         |
| 28 | Enhancement of Neurite Outgrowth by Warming Biomaterial Ultrasound Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2236.   | 4.1 | 2         |
| 29 | 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.           | 2.4 | 2         |
| 30 | Kinetic studies on the interaction between EGFR and EGF and its traditional Chinese medicine-modulation by surface plasmon resonance. , 2010, , .  |     | 0         |
| 31 | Effects of Collagen Nano-Spheres on Cell Cultures. <i>Current Nanoscience</i> , 2011, 7, 938-942.  | 1.2 | 0         |