Wen-Yi Gu

List of Publications by Year
in descending order

93 papers	4,283 citations	117625 34 h-index	118850 62 g-index
94 all docs	94 docs citations	94 times ranked	7161 citing authors

#	Article	IF	Citations
1	miR-34a-5p inhibits the malignant progression of KSHV-infected SH-SY5Y cells by targeting c-fos. PeerJ, 2022, 10, e13233.	2.0	5
2	PD-L1-Targeted Co-Delivery of Two Chemotherapeutics for Efficient Suppression of Skin Cancer Growth. Pharmaceutics, 2022, 14, 1488.	4.5	0
3	High-efficiency adsorption of tetracycline by cooperation of carbon and iron in a magnetic Fe/porous carbon hybrid with effective Fenton regeneration. Applied Surface Science, 2021, 538, 147813.	6.1	67
4	ATP stabilised and sensitised calcium phosphate nanoparticles as effective adjuvants for a DNA vaccine against cancer. Journal of Materials Chemistry B, 2021, 9, 7435-7446.	5.8	13
5	Calcium-bisphosphonate Nanoparticle Platform as a Prolonged Nanodrug and Bone-Targeted Delivery System for Bone Diseases and Cancers. ACS Applied Bio Materials, 2021, 4, 2490-2501.	4.6	7
6	Synergistic Inhibition of Drug-Resistant Colon Cancer Growth with PI3K/mTOR Dual Inhibitor BEZ235 and Nano-Emulsioned Paclitaxel via Reducing Multidrug Resistance and Promoting Apoptosis. International Journal of Nanomedicine, 2021, Volume 16, 2173-2186.	6.7	24
7	Mannose-Functionalized Biodegradable Nanoparticles Efficiently Deliver DNA Vaccine and Promote Anti-tumor Immunity. ACS Applied Materials & Interfaces, 2021, 13, 14015-14027.	8.0	35
8	Mechanisms of cancer stem cell senescence: Current understanding and future perspectives. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1185-1202.	1.9	16
9	Encapsulating Anti-Parasite Benzimidazole Drugs into Lipid-Coated Calcium Phosphate Nanoparticles to Efficiently Induce Skin Cancer Cell Apoptosis. Frontiers in Nanotechnology, 2021, 3, .	4.8	5
10	Water-Borne Nanocoating for Rapid Inactivation of SARS-CoV-2 and Other Viruses. ACS Nano, 2021, 15, 14915-14927.	14.6	13
11	Prognostic and therapeutic TILs of cervical cancerâ€"Current advances and future perspectives. Molecular Therapy - Oncolytics, 2021, 22, 410-430.	4.4	32
12	Bisphosphonate Stabilized Calcium Phosphate Nanoparticles for Effective Delivery of Plasmid DNA to Macrophages. ACS Applied Bio Materials, 2020, 3, 986-996.	4.6	16
13	Cancer stemness contributes to cluster formation of colon cancer cells and high metastatic potentials. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 838-847.	1.9	23
14	Nanostructuring a Widely Used Antiworm Drug into the Lipid-Coated Calcium Phosphate Matrix for Enhanced Skin Tumor Treatment. ACS Applied Bio Materials, 2020, 3, 4230-4238.	4.6	4
15	Therapeutic Delivery of Polymeric Tadpole Nanostructures with High Selectivity to Triple Negative Breast Cancer Cells. Biomacromolecules, 2020, 21, 4457-4468.	5.4	14
16	Short-term exposure to ZnO/MCB persistent free radical particles causes mouse lung lesions via inflammatory reactions and apoptosis pathways. Environmental Pollution, 2020, 261, 114039.	7.5	15
17	Enhanced Prevention of Breast Tumor Metastasis by Nanoparticleâ€Delivered Vitamin E in Combination with Interferonâ€Gamma. Advanced Healthcare Materials, 2020, 9, e1901706.	7.6	23
18	PD-L1 Distribution and Perspective for Cancer Immunotherapyâ€"Blockade, Knockdown, or Inhibition. Frontiers in Immunology, 2019, 10, 2022.	4.8	270

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19	Prognostic role of upregulated P300 expression in human cancers: A clinical study of synovial sarcoma and a metaâ€analysis. Experimental and Therapeutic Medicine, 2019, 18, 3161-3171.	1.8	7
20	Enhancing PD-1 Gene Silence in T Lymphocytes by Comparing the Delivery Performance of Two Inorganic Nanoparticle Platforms. Nanomaterials, 2019, 9, 159.	4.1	31
21	Silencing PD-1 and PD-L1 with nanoparticle-delivered small interfering RNA increases cytotoxicity of tumor-infiltrating lymphocytes. Nanomedicine, 2019, 14, 955-967.	3.3	53
22	Modifying layered double hydroxide nanoparticles for tumor imaging and therapy. Clays and Clay Minerals, 2019, 67, 72-80.	1.3	12
23	Insluin and epithelial growth factor (EGF) promote programmed death ligand 1(PD-L1) production and transport in colon cancer stem cells. BMC Cancer, 2019, 19, 153.	2.6	35
24	Biodistribution of PNIPAM-Coated Nanostructures Synthesized by the TDMT Method. Biomacromolecules, 2019, 20, 625-634.	5.4	15
25	Undo the brake of tumour immune tolerance with antibodies, peptide mimetics and small molecule compounds targeting PDâ€1/PDâ€L1 checkpoint at different locations for acceleration of cytotoxic immunity to cancer cells. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 105-115.	1.9	16
26	Enhanced combination cancer therapy using lipid-calcium carbonate/phosphate nanoparticles as a targeted delivery platform. Nanomedicine, 2019, 14, 77-92.	3.3	15
27	High and long-term antibacterial activity against Escherichia coli via synergy between the antibiotic penicillin G and its carrier ZnAl layered double hydroxide. Colloids and Surfaces B: Biointerfaces, 2019, 174, 435-442.	5.0	40
28	Cervical cancer cell lines are sensitive to sub-erythemal UV exposure. Gene, 2019, 688, 44-53.	2.2	4
29	Laser capture microdissection for detecting the expression of epithelialâ€“mesenchymal transitionâ€related genes in epithelial and spindle cells of paraffinâ€embedded formalinâ€fixed biphasic synovial sarcoma. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 675-682.	1.9	0
30	Optimization of Formulations Consisting of Layered Double Hydroxide Nanoparticles and Small Interfering RNA for Efficient Knockdown of the Target Gene. ACS Omega, 2018, 3, 4871-4877.	3.5	17
31	Mannose-conjugated layered double hydroxide nanocomposite for targeted siRNA delivery to enhance cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2355-2364.	3.3	52
32	Combined Erlotinib and PFâ€03084014 treatment contributes to synthetic lethality in head and neck squamous cell carcinoma. Cell Proliferation, 2018, 51, e12424.	5.3	13
33	High adjuvant activity of layered double hydroxide nanoparticles and nanosheets in anti-tumour vaccine formulations. Dalton Transactions, 2018, 47, 2956-2964.	3.3	34
34	Membraneâ€tethered Notch1 exhibits oncogenic property via activation of EGFRâ€“PI3Kâ€“AKT pathway in oral squamous cell carcinoma. Journal of Cellular Physiology, 2018, 234, 5940-5952.	4.1	18
35	The Pathways for Layered Double Hydroxide Nanoparticles to Enhance Antigen (Cross)-Presentation on Immune Cells as Adjuvants for Protein Vaccines. Frontiers in Pharmacology, 2018, 9, 1060.	3.5	24
36	One-Pot Synthesis of Raspberry-Like Mesoporous Silica Nanospheres. Journal of Nanoscience and Nanotechnology, 2018, 18, 401-406.	0.9	5

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37	Knocking down Insulin Receptor in Pancreatic Beta Cell lines with Lentiviral-Small Hairpin RNA Reduces Glucose-Stimulated Insulin Secretion via Decreasing the Gene Expression of Insulin, GLUT2 and Pdx1. International Journal of Molecular Sciences, 2018, 19, 985.	4.1	23
38	A novel Notch1 missense mutation (C1133Y) in the Abruptex domain exhibits enhanced proliferation and invasion in oral squamous cell carcinoma. Cancer Cell International, 2018, 18, 6.	4.1	9
39	Overexpression of Polo-like kinase1 (PLK1) in chondrosarcoma and its implications for cancer progression. International Journal of Clinical and Experimental Pathology, 2018, 11, 1707-1711.	0.5	0
40	Prognostic value of the Micro<scp>RNA</scp>â€29 family in multiple human cancers: A metaâ€analysis and systematic review. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 441-454.	1.9	37
41	Increased <scp>PD</scp>â€L1 expression in breast and colon cancer stem cells. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 602-604.	1.9	84
42	Nanoformulations of albendazole as effective anticancer and antiparasite agents. Nanomedicine, 2017, 12, 2555-2574.	3.3	19
43	Devising new lipid-coated calcium phosphate/carbonate hybrid nanoparticles for controlled release in endosomes for efficient gene delivery. Journal of Materials Chemistry B, 2017, 5, 7194-7203.	5.8	34
44	Novel insights into mitochondrial gene rearrangement in thrips (Insecta: Thysanoptera) from the grass thrips, Anaphothrips obscurus. Scientific Reports, 2017, 7, 4284.	3.3	34
45	Drug resistance and cancer stem cells: the shared but distinct roles of hypoxiaâ€inducible factors <scp>HIF</scp>1Î± and <scp>HIF</scp>2Î±. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 153-161.	1.9	91
46	Transforming growth factor-Î²1 signaling promotes epithelial-mesenchymal transition-like phenomena, cell motility, and cell invasion in synovial sarcoma cells. PLoS ONE, 2017, 12, e0182680.	2.5	16
47	Synergistic inhibition of colon cancer cell growth with nanoemulsion-loaded paclitaxel and PI3K/mTOR dual inhibitor BEZ235 through apoptosis. International Journal of Nanomedicine, 2016, 11, 1947.	6.7	28
48	Efficient and Durable Vaccine against Intimin Î² of Diarrheagenic E. Coli Induced by Clay Nanoparticles. Small, 2016, 12, 1627-1639.	10.0	57
49	Direct synthesis of layered double hydroxide nanosheets for efficient siRNA delivery. RSC Advances, 2016, 6, 95518-95526.	3.6	21
50	Efficient drug delivery using SiO 2 -layered double hydroxide nanocomposites. Journal of Colloid and Interface Science, 2016, 470, 47-55.	9.4	66
51	Systematic Identification, Characterization and Target Gene Analysis of microRNAs Involved in Osteoarthritis Subchondral Bone Pathogenesis. Calcified Tissue International, 2016, 99, 43-55.	3.1	43
52	Size-dependent gene delivery of amine-modified silica nanoparticles. Nano Research, 2016, 9, 291-305.	10.4	30
53	<scp>PI</scp>3K/Akt/<scp>mTOR</scp> pathway dual inhibitor <scp>BEZ</scp>235 suppresses the stemness of colon cancer stem cells. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1317-1326.	1.9	76
54	Amine-functionalized SiO2 nanodot-coated layered double hydroxide nanocomposites for enhanced gene delivery. Nano Research, 2015, 8, 682-694.	10.4	79

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55	Nanotechnology in the management of cervical cancer. Reviews in Medical Virology, 2015, 25, 72-83.	8.3	48
56	Gamma tocotrienol targets tyrosine phosphatase SHP2 in mammospheres resulting in cell death through RAS/ERK pathway. BMC Cancer, 2015, 15, 609.	2.6	19
57	Silencing of E6/E7 Expression in Cervical Cancer Stem-Like Cells. Methods in Molecular Biology, 2015, 1249, 173-182.	0.9	1
58	Effective inhibition of colon cancer cell growth with MgAl-layered double hydroxide (LDH) loaded 5-FU and PI3K/mTOR dual inhibitor BEZ-235 through apoptotic pathways. International Journal of Nanomedicine, 2014, 9, 3403.	6.7	26
59	<scp>ATP</scp>â€binding cassette transporter A1 (<scp>ABCA</scp>1) promotes arsenic tolerance in human cells by reducing cellular arsenic accumulation. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 287-294.	1.9	10
60	Inactivation of miR-34a by aberrant CpG methylation in Kazakh patients with esophageal carcinoma. Journal of Experimental and Clinical Cancer Research, 2014, 33, 20.	8.6	45
61	Co-delivery of siRNAs and anti-cancer drugs using layered double hydroxide nanoparticles. Biomaterials, 2014, 35, 3331-3339.	11.4	263
62	Polarized immune responses modulated by layered double hydroxides nanoparticle conjugated with CpG. Biomaterials, 2014, 35, 9508-9516.	11.4	79
63	Osteogenic differentiation of bone marrow MSCs by Î²-tricalcium phosphate stimulating macrophages via BMP2 signalling pathway. Biomaterials, 2014, 35, 1507-1518.	11.4	262
64	Synthesis of multi-functional large pore mesoporous silica nanoparticles as gene carriers. Nanotechnology, 2014, 25, 055701.	2.6	53
65	Polymer Nanocarrier System for Endosome Escape and Timed Release of siRNA with Complete Gene Silencing and Cell Death in Cancer Cells. Biomacromolecules, 2013, 14, 3386-3389.	5.4	52
66	Re-considering how particle size and other properties of antigenâ€“adjuvant complexes impact on the immune responses. Journal of Colloid and Interface Science, 2013, 395, 1-10.	9.4	38
67	Pore size-optimized periodic mesoporous organosilicas for the enrichment of peptides and polymers. RSC Advances, 2013, 3, 14466.	3.6	23
68	MicroRNA-182 plays an onco-miRNA role in cervical cancer. Gynecologic Oncology, 2013, 129, 199-208.	1.4	99
69	Nanoparticles Mimicking Viral Surface Topography for Enhanced Cellular Delivery. Advanced Materials, 2013, 25, 6233-6237.	21.0	174
70	Multiple polymorphisms within the PLCE1 are associated with esophageal cancer via promoting the gene expression in a Chinese Kazakh population. Gene, 2013, 530, 315-322.	2.2	43
71	Timed-Release Polymer Nanoparticles. Biomacromolecules, 2013, 14, 495-502.	5.4	39
72	An influenza virus-inspired polymer system for the timed release of siRNA. Nature Communications, 2013, 4, 1902.	12.8	155

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73	Hyaluronic acid modified mesoporous silica nanoparticles for targeted drug delivery to CD44-overexpressing cancer cells. Nanoscale, 2013, 5, 178-183.	5.6	286
74	Overexpression of <scp>PLCE</scp>1 in Kazakh esophageal squamous cell carcinoma: implications in cancer metastasis and aggressiveness. Apmis, 2013, 121, 908-918.	2.0	33
75	Mesenchymal Stem Cells and Nano-structured Surfaces. Methods in Molecular Biology, 2013, 1058, 133-148.	0.9	2
76	Impact of extracellular matrix derived from osteoarthritis subchondral bone osteoblasts on osteocytes: role of integrinÎ²1 and focal adhesion kinase signaling cues. Arthritis Research and Therapy, 2013, 15, R150.	3.5	39
77	Nanoparticles: Nanoparticles Mimicking Viral Surface Topography for Enhanced Cellular Delivery (Adv. Mater. 43/2013). Advanced Materials, 2013, 25, 6232-6232.	21.0	1
78	Nanotechnology in the targeted drug delivery for bone diseases and bone regeneration. International Journal of Nanomedicine, 2013, 8, 2305.	6.7	146
79	Recent advances in the rational design of silica-based nanoparticles for gene therapy. Therapeutic Delivery, 2012, 3, 1217-1237.	2.2	36
80	Poly-<scp>l</scp>-lysine Functionalized Large Pore Cubic Mesostructured Silica Nanoparticles as Biocompatible Carriers for Gene Delivery. ACS Nano, 2012, 6, 2104-2117.	14.6	247
81	TNF-Î±Promotes IFN-Î³-Induced CD40 Expression and Antigen Process in Myb-Transformed Hematological Cells. Scientific World Journal, The, 2012, 2012, 1-11.	2.1	8
82	Enrichment and Detection of Peptides from Biological Systems Using Designed Periodic Mesoporous Organosilica Microspheres. Small, 2012, 8, 231-236.	10.0	36
83	The role of PI3K/Akt pathway in Î²-glucan-induced dendritic cell maturation. International Immunopharmacology, 2011, 11, 529.	3.8	7
84	Prediction of conserved microRNAs from skin and mucosal human papillomaviruses. Archives of Virology, 2011, 156, 1161-1171.	2.1	29
85	Expression of papillomavirus L1 proteins regulated by authentic gene codon usage is favoured in G2/M-like cells in differentiating keratinocytes. Virology, 2010, 399, 46-58.	2.4	15
86	Both treated and untreated tumors are eliminated by short hairpin RNA-based induction of target-specific immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8314-8319.	7.1	29
87	siRNA and shRNA as Anticancer Agents in a Cervical Cancer Model. Methods in Molecular Biology, 2008, 442, 159-172.	0.9	16
88	Generalized substitution of isoencoding codons shortens the duration of papillomavirus L1 protein expression in transiently gene-transfected keratinocytes due to cell differentiation. Nucleic Acids Research, 2007, 35, 4820-4832.	14.5	21
89	Future of RNAi-based therapies for human papillomavirus-associated cervical cancer. Future Virology, 2007, 2, 587-595.	1.8	2
90	Calcium enhances mouse keratinocyte differentiation in vitro to differentially regulate expression of papillomavirus authentic and codon modified L1 genes. Virology, 2007, 365, 187-197.	2.4	18

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91	RNA interference for the treatment of cancer. Drug News and Perspectives, 2006, 19, 317.	1.5	26
92	RNA Interference against Human Papillomavirus Oncogenes in Cervical Cancer Cells Results in Increased Sensitivity to Cisplatin. Molecular Pharmacology, 2005, 68, 1311-1319.	2.3	104
93	tRNASer(CGA) differentially regulates expression of wild-type and codon-modified papillomavirus L1 genes. Nucleic Acids Research, 2004, 32, 4448-4461.	14.5	30