

Shu-Qing Chen

List of Publications by Year in descending order

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112
papers

4,341
citations

101384

36
h-index

123241

61
g-index

125
all docs

125
docs citations

125
times ranked

6406
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study of esophageal squamous cell carcinoma in Chinese subjects identifies a susceptibility locus at PLCE1. <i>Nature Genetics</i> , 2010, 42, 759-763.	9.4	383
2	Role of inflammatory mechanisms in pathogenesis of type 2 diabetes mellitus. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 525-531.	1.2	297
3	Pharmacogenomics of Drug Metabolizing Enzymes and Transporters: Relevance to Precision Medicine. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 298-313.	3.0	227
4	Emerging new therapeutic antibody derivatives for cancer treatment. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 39.	7.1	158
5	Joint analysis of three genome-wide association studies of esophageal squamous cell carcinoma in Chinese populations. <i>Nature Genetics</i> , 2014, 46, 1001-1006.	9.4	148
6	Interleukin-1 Receptor Antagonist: A New Therapy for Type 2 Diabetes Mellitus. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1647-1658.	1.6	133
7	Effects of coffee on type 2 diabetes mellitus. <i>Nutrition</i> , 2014, 30, 755-763.	1.1	123
8	Spice plant <i>Allium cepa</i> : Dietary supplement for treatment of type 2 diabetes mellitus. <i>Nutrition</i> , 2014, 30, 1128-1137.	1.1	118
9	Natural and Synthetic Polymers as Drug Carriers for Delivery of Therapeutic Proteins. <i>Polymer Reviews</i> , 2015, 55, 371-406.	5.3	109
10	Higher-Order Clustering of the Transmembrane Anchor of DR5 Drives Signaling. <i>Cell</i> , 2019, 176, 1477-1489.e14.	13.5	104
11	TSNAdb: A Database for Tumor-specific Neoantigens from Immunogenomics Data Analysis. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 276-282.	3.0	97
12	DeepHLApan: A Deep Learning Approach for Neoantigen Prediction Considering Both HLA-Peptide Binding and Immunogenicity. <i>Frontiers in Immunology</i> , 2019, 10, 2559.	2.2	84
13	TSNAD: an integrated software for cancer somatic mutation and tumour-specific neoantigen detection. <i>Royal Society Open Science</i> , 2017, 4, 170050.	1.1	80
14	Intracellular trafficking of new anticancer therapeutics: antibody–drug conjugates. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2265-2276.	2.0	80
15	Goto-kakizaki Rats: Its Suitability as Non-obese Diabetic Animal Model for Spontaneous Type 2 Diabetes Mellitus. <i>Current Diabetes Reviews</i> , 2013, 9, 387-396.	0.6	76
16	Immediate postconditioning during reperfusion attenuates intestinal injury. <i>Intensive Care Medicine</i> , 2009, 35, 933-942.	3.9	73
17	Sustained Delivery of IL-1Ra from Pluronic F127-Based Thermosensitive Gel Prolongs its Therapeutic Potentials. <i>Pharmaceutical Research</i> , 2012, 29, 3475-3485.	1.7	68
18	Pluronic F127-Based Thermosensitive Gels for Delivery of Therapeutic Proteins and Peptides. <i>Polymer Reviews</i> , 2014, 54, 573-597.	5.3	65

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19	Epigenetic Regulation of Cytochrome P450 Enzymes and Clinical Implication. <i>Current Drug Metabolism</i> , 2015, 16, 86-96.	0.7	65
20	PXR-mediated transcriptional activation of CYP3A4 by cryptotanshinone and tanshinone IIA. <i>Chemico-Biological Interactions</i> , 2009, 177, 58-64.	1.7	63
21	Identification of novel pregnane X receptor activators from traditional Chinese medicines. <i>Journal of Ethnopharmacology</i> , 2011, 136, 137-143.	2.0	61
22	Genotypic variants at 2q33 and risk of esophageal squamous cell carcinoma in China: a meta-analysis of genome-wide association studies. <i>Human Molecular Genetics</i> , 2012, 21, 2132-2141.	1.4	58
23	A Pan-cancer Clinical Study of Personalized Neoantigen Vaccine Monotherapy in Treating Patients with Various Types of Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2020, 26, 4511-4520.	3.2	56
24	The effect of gene copy number and co-expression of chaperone on production of albumin fusion proteins in <i>Pichia pastoris</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 763-772.	1.7	55
25	IL-1Ra and its Delivery Strategies: Inserting the Association in Perspective. <i>Pharmaceutical Research</i> , 2013, 30, 2951-2966.	1.7	55
26	Sustained Delivery of IL-1Ra from PF127-Gel Reduces Hyperglycemia in Diabetic GK-Rats. <i>PLoS ONE</i> , 2013, 8, e55925.	1.1	52
27	Glucuronidation of flavonoids by recombinant UGT1A3 and UGT1A9. <i>Biochemical Pharmacology</i> , 2008, 76, 416-425.	2.0	51
28	Propofol Pretreatment Reduces Ceramide Production and Attenuates Intestinal Mucosal Apoptosis Induced by Intestinal Ischemia/Reperfusion in Rats. <i>Anesthesia and Analgesia</i> , 2008, 107, 1884-1891.	1.1	50
29	Disruption of <i>YPS1</i> and <i>PEP4</i> genes reduces proteolytic degradation of secreted HSA/PTH in <i>Pichia pastoris</i> GS115. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 589-599.	1.4	49
30	Interleukin-1 receptor antagonist improves normoglycemia and insulin sensitivity in diabetic Goto-Kakizaki-rats. <i>European Journal of Pharmacology</i> , 2013, 701, 87-95.	1.7	48
31	An Overview of Valuable Scientific Models for Diabetes Mellitus. <i>Current Diabetes Reviews</i> , 2013, 9, 286-293.	0.6	46
32	Sortase A-generated Highly Potent Anti-CD20-mMAE Conjugates for Efficient Elimination of B-lineage Lymphomas. <i>Small</i> , 2017, 13, 1602267.	5.2	45
33	Human epidermal growth factor receptor-2 antibodies enhance the specificity and anticancer activity of light-sensitive doxorubicin-labeled liposomes. <i>Biomaterials</i> , 2015, 57, 1-11.	5.7	43
34	Genetic Variants of Human UGT1A3: Functional Characterization and Frequency Distribution in a Chinese Han Population. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1462-1467.	1.7	39
35	Regulation of drug resistance by human pregnane X receptor in breast cancer. <i>Cancer Biology and Therapy</i> , 2009, 8, 1265-1272.	1.5	39
36	Zingiber officinale and Type 2 Diabetes Mellitus: Evidence from Experimental Studies. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2015, 25, 91-112.	0.4	39

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37	Development of therapeutic proteins: advances and challenges. <i>Turkish Journal of Biology</i> , 2015, 39, 343-358.	2.1	36
38	Polymeric-based particulate systems for delivery of therapeutic proteins. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 367-378.	1.1	35
39	Development and comparison of two competitive ELISAs for the detection of bisphenol A in human urine. <i>Analytical Methods</i> , 2013, 5, 6106.	1.3	34
40	Assessment of release kinetics, stability and polymer interaction of poloxamer 407-based thermosensitive gel of interleukin-1 receptor antagonist. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 278-284.	1.1	31
41	A sensitive and specific enzyme immunoassay for detecting tartrazine in human urinary samples. <i>Analytical Methods</i> , 2013, 5, 925.	1.3	30
42	Elimination of melanoma by sortase A-generated TCR-like antibody-drug conjugates (TL-ADCs) targeting intracellular melanoma antigen MART-1. <i>Biomaterials</i> , 2018, 178, 158-169.	5.7	28
43	Site-specific PEGylation of a mutated-cysteine residue and its effect on tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL). <i>Biomaterials</i> , 2013, 34, 9115-9123.	5.7	27
44	Novel Conjugation of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) with Monomethyl Auristatin E for Efficient Antitumor Drug Delivery. <i>Advanced Materials</i> , 2013, 25, 4718-4722.	11.1	26
45	Estimation of Urinary Concentration of Aflatoxin M ₁ in Chinese Pregnant Women. <i>Journal of Food Science</i> , 2013, 78, T1835-8.	1.5	26
46	Engineering of a <i>Pichia pastoris</i> Expression System for High-Level Secretion of HSA/GH Fusion Protein. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2400-2411.	1.4	26
47	Shared neoantigens: ideal targets for off-the-shelf cancer immunotherapy. <i>Pharmacogenomics</i> , 2020, 21, 637-645.	0.6	26
48	Mapping of chorismate mutase and prephenate dehydrogenase domains in the <i>Escherichia coli</i> T-protein. <i>FEBS Journal</i> , 2003, 270, 757-763.	0.2	24
49	Neoantigens Derived from Recurrently Mutated Genes as Potential Immunotherapy Targets for Gastric Cancer. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	24
50	Synthetic multiepitope neoantigen DNA vaccine for personalized cancer immunotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102443.	1.7	24
51	Ethnic differences in frequencies of gene polymorphisms in the MYCL1 region and modulation of lung cancer patients' survival. <i>Lung Cancer</i> , 2007, 55, 271-277.	0.9	23
52	Sensitizing non-small cell lung cancer to BCL-xL-targeted apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 986.	2.7	21
53	Meta-analysis and systematic review of the efficacy and resistance for human immunodeficiency virus type 1 integrase strand transfer inhibitors. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 547-555.	1.1	21
54	A novel genomic classification system of gastric cancer via integrating multidimensional genomic characteristics. <i>Gastric Cancer</i> , 2021, 24, 1227-1241.	2.7	21

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55	A Tumor-Specific Neo-Antigen Caused by a Frameshift Mutation in BAP1 Is a Potential Personalized Biomarker in Malignant Peritoneal Mesothelioma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 739.	1.8	20
56	A Versatile Chemo-Enzymatic Conjugation Approach Yields Homogeneous and Highly Potent Antibody-Drug Conjugates. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2284.	1.8	19
57	A multivalent biparatopic EGFR-targeting nanobody drug conjugate displays potent anticancer activity in solid tumor models. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 320.	7.1	19
58	Investigation of polyethylenimine-grafted triamcinolone acetonide as nucleus-targeting gene delivery systems. <i>Journal of Gene Medicine</i> , 2010, 12, 669-680.	1.4	18
59	Structure-metabolism relationships for the glucuronidation of flavonoids by UGT1A3 and UGT1A9. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 297-304.	1.2	17
60	Methylation of the Constitutive Androstane Receptor Is Involved in the Suppression of CYP2C19 in Hepatitis B Virus-Associated Hepatocellular Carcinoma. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1643-1652.	1.7	17
61	High antitumor activity of Sortase A-generated anti-CD20 antibody fragment drug conjugates. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 134, 81-92.	1.9	17
62	Psoralen Inhibited Apoptosis of Osteoporotic Osteoblasts by Modulating IRE1-ASK1-JNK Pathway. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	16
63	Intestinal ischaemia/reperfusion upregulates β 2-defensin-2 expression and causes acute lung injury in the rat. <i>Injury</i> , 2009, 40, 950-955.	0.7	15
64	Ophiopogon japonicus strains from different cultivation regions exhibit markedly different properties on cytotoxicity, pregnane X receptor activation and cytochrome P450 3A4 induction. <i>Biomedical Reports</i> , 2015, 3, 430-434.	0.9	14
65	Multi-Epitope Vaccine Design Using an Immunoinformatic Approach for SARS-CoV-2. <i>Pathogens</i> , 2021, 10, 737.	1.2	14
66	Cloning and expression of human UDP-glucuronosyltransferase 1A4 in Bac-to-Bac system. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 386-392.	1.0	13
67	Population pharmacokinetics of ciclosporin in Chinese children with aplastic anemia: effects of weight, renal function and stanozolol administration. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 969-975.	2.8	13
68	Development and comparison of two competitive ELISAs for estimation of cotinine in human exposed to environmental tobacco smoke. <i>Drug Testing and Analysis</i> , 2014, 6, 1020-1027.	1.6	13
69	An ultra-sensitive monoclonal antibody-based enzyme-linked immunosorbent assay for dibutyl phthalate in human urinary. <i>Science of the Total Environment</i> , 2016, 541, 570-578.	3.9	13
70	Probing the overlap of chorismate mutase and prephenate dehydrogenase sites in the escherichia coli T-protein: a dehydrogenase-selective inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 929-931.	1.0	12
71	Placental proteome alterations in women with intrahepatic cholestasis of pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 126, 256-259.	1.0	12
72	Development of analytical method for ultrasensitive detection of salbutamol utilizing DNA labeled-immunoprobe. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 204-208.	1.4	12

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73	Identification of an Activating Mutation in the Extracellular Domain of HER2 Conferring Resistance to Pertuzumab. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 11597-11608.	1.0	12
74	Antitumor activity of a 5T4 targeting antibody drug conjugate with a novel payload derived from MMAF via a click linker. <i>Cancer Medicine</i> , 2019, 8, 1793-1805.	1.3	11
75	Functions of thymic stromal lymphopoietin in non-allergic diseases. <i>Cellular Immunology</i> , 2015, 295, 144-149.	1.4	10
76	Investigation of diethylstilbestrol residue level in human urine samples by a specific monoclonal antibody. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7042-7050.	2.7	10
77	Expression and bioactivity analysis of Staphylococcal enterotoxin M and N. <i>Protein Expression and Purification</i> , 2007, 56, 286-292.	0.6	9
78	Effects of intrauterine undernutrition on the expression of CYP3A23/3A1, PXR, CAR and HNF4 α in neonate rats. <i>Biopharmaceutics and Drug Disposition</i> , 2008, 29, 501-510.	1.1	9
79	Hetero-modification of TRAIL trimer for improved drug delivery and in vivo antitumor activities. <i>Scientific Reports</i> , 2015, 5, 14872.	1.6	9
80	Construction of high level prokaryotic expression and purification system of PD-L1 extracellular domain by using <i>Escherichia coli</i> host cell machinery. <i>Immunology Letters</i> , 2017, 190, 34-41.	1.1	9
81	Construction and application of an electrochemical biosensor based on an endotoxin aptamer. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 323-327.	1.4	9
82	The Antitumor Activity of TCR-Mimic Antibody-Drug Conjugates (TCRm-ADCs) Targeting the Intracellular Wilms Tumor 1 (WT1) Oncoprotein. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3912.	1.8	9
83	Development of a Recombinant RBD Subunit Vaccine for SARS-CoV-2. <i>Viruses</i> , 2021, 13, 1936.	1.5	9
84	Formation of protein sub-visible particles during vacuum degassing of etanercept solutions. <i>International Journal of Biological Macromolecules</i> , 2014, 66, 151-157.	3.6	8
85	Transcytosis, Antitumor Activity and Toxicity of Staphylococcal Enterotoxin C2 as an Oral Administration Protein Drug. <i>Toxins</i> , 2016, 8, 185.	1.5	8
86	COVIEdb: A Database for Potential Immune Epitopes of Coronaviruses. <i>Frontiers in Pharmacology</i> , 2020, 11, 572249.	1.6	8
87	TCR-mimic antibody-drug conjugates targeting intracellular tumor-specific mutant antigen KRAS G12V mutation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 777-785.	4.3	8
88	Investigation of the salbutamol residue level in human urinary samples by a sensitive direct competitive ELISA. <i>Analytical Methods</i> , 2015, 7, 5635-5640.	1.3	7
89	Optimization strategies for expression of a novel bifunctional anti-PD-L1/TGFBR2-ECD fusion protein. <i>Protein Expression and Purification</i> , 2022, 189, 105973.	0.6	7
90	Gene detection of staphylococcal enterotoxins in production strain of staphylococcal injection and superantigenic activity of rSEK and rSEQ. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2957-2967.	1.7	6

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91	Optimizing Multistep Delivery of PEGylated Tumor-Necrosis-Factor-Related Apoptosis-Inducing Ligand-Toxin Conjugates for Improved Antitumor Activities. <i>Bioconjugate Chemistry</i> , 2017, 28, 2180-2189.	1.8	6
92	Real-time imaging of cell-surface proteins with antibody-based fluorogenic probes. <i>Chemical Science</i> , 2021, 12, 13477-13482.	3.7	6
93	Facile Generation of Potent Bispecific Fab via Sortase A and Click Chemistry for Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 4540.	1.7	6
94	Identification of protein components and quantitative immunoassay for SEC2 in staphylococcal injection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 79-85.	1.4	5
95	Assessment of urinary concentration of cotinine in Chinese pregnant women exposed to environmental tobacco smoke. <i>Science Bulletin</i> , 2014, 59, 1386-1391.	1.7	5
96	Selecting DNA aptamers for endotoxin separation. <i>Biotechnology Letters</i> , 2015, 37, 1601-1605.	1.1	5
97	Heterologous expression of active human uridine diphosphate glucuronosyltransferase 1A3 in Chinese hamster lung cells. <i>World Journal of Gastroenterology</i> , 2005, 11, 118.	1.4	5
98	A selective inhibitor of Escherichia coli prephenate dehydratase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2485-2488.	1.0	4
99	Expression, purification, and lipolytic activity of recombinant human serum albumin fusion proteins with one domain of human growth hormone in <i>Pichia pastoris</i> . <i>Biotechnology and Applied Biochemistry</i> , 2013, 60, 405-411.	1.4	4
100	The Chinese Herb <i>Jianpijedu</i> Contributes to the Regulation of OATP1B2 and ABCC2 in a Rat Model of Orthotopic Transplantation Liver Cancer Pretreated with Food Restriction and Diarrhea. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	4
101	Genetic Polymorphisms and In Silico Mutagenesis Analyses of CYP2C9, CYP2D6, and CYPOR Genes in the Pakistani Population. <i>Genes</i> , 2018, 9, 514.	1.0	4
102	RSM optimization of HSA/IL1Ra in <i>Pichia pastoris</i> overexpression strain and study of its <i>in vivo</i> activity in reducing hyperglycemia of GK rats. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 627-637.	1.4	3
103	Stereoselective glucuronidation of carvedilol by Chinese liver microsomes. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 756-764.	1.3	2
104	An Investigation of the Catalytic Activity of CYP2A13*4 with Coumarin and Polymorphisms of CYP2A13 in a Chinese Han Population. <i>Drug Metabolism and Disposition</i> , 2012, 40, 847-851.	1.7	2
105	Expression and bioactivity analysis of staphylococcal enterotoxin G and staphylococcal enterotoxin I. <i>Pharmaceutical Biology</i> , 2014, 52, 8-13.	1.3	2
106	Fucoidan elevates surface organic cation transporter 2 expression via upregulation of protein kinase A in uric acid nephropathy. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 4153-4159.	0.8	2
107	Specific Inhibition of Tumor Growth by T Cell Receptor-Drug Conjugates Targeting Intracellular Cancer-Testis Antigen NY-ESO-1/LAGE-1. <i>Bioconjugate Chemistry</i> , 2020, 31, 2767-2778.	1.8	2
108	Soluble Expression of Fc-Fused T Cell Receptors Allows Yielding Novel Bispecific T Cell Engagers. <i>Biomedicines</i> , 2021, 9, 790.	1.4	2

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109	Identification of Recombinant Human Parathyroid Hormone (1â€³4) by Nanoelectrospray Ionization-Quadrupole Time-of-Flight Tandem Mass Spectrometry. Chinese Journal of Analytical Chemistry, 2006, 34, 603-607.	0.9	1
110	In situ quantitative bioanalysis of monomethyl auristatin E-conjugated antibody-drug conjugates by flow cytometry. European Journal of Pharmaceutical Sciences, 2018, 120, 89-95.	1.9	1
111	Anti-tumor immune response varies among individuals: A gene expression profiling of mouse melanoma. International Immunopharmacology, 2020, 80, 106211.	1.7	1
112	Synergy of Ischemic Preâ€•And Immediate Postâ€•Conditioning Attenuates Intestinal Ischemiaâ€•Reperfusion Injury in Rats. FASEB Journal, 2009, 23, 576.6.	0.2	0