

Peter C W Lee

List of Publications by Year in descending order

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50
papers

1,010
citations

430754

18
h-index

526166

27
g-index

50
all docs

50
docs citations

50
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative Ubiquitin Activation/Conjugation Cascades Interact with N-End Rule Ubiquitin Ligases to Control Degradation of RGS Proteins. <i>Molecular Cell</i> , 2011, 43, 392-405.	4.5	65
2	Indocyanine green and poly I:C containing thermo-responsive liposomes used in immune-photothermal therapy prevent cancer growth and metastasis. , 2019, 7, 220.		57
3	Altered Social Behavior and Neuronal Development in Mice Lacking the Uba6-Use1 Ubiquitin Transfer System. <i>Molecular Cell</i> , 2013, 50, 172-184.	4.5	47
4	Phosphorylation of TFCP2L1 by CDK1 is required for stem cell pluripotency and bladder carcinogenesis. <i>EMBO Molecular Medicine</i> , 2020, 12, e10880.	3.3	47
5	<i>Rehmannia glutinosa</i> polysaccharide promoted activation of human dendritic cells. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 232-238.	3.6	46
6	<i>Escherichia coli</i> adhesion portion FimH functions as an adjuvant for cancer immunotherapy. <i>Nature Communications</i> , 2020, 11, 1187.	5.8	43
7	Programmed cell death 5 mediates HDAC3 decay to promote genotoxic stress response. <i>Nature Communications</i> , 2015, 6, 7390.	5.8	40
8	Cancer classification of single-cell gene expression data by neural network. <i>Bioinformatics</i> , 2020, 36, 1360-1366.	1.8	39
9	Immunomodulatory effects of polysaccharides from marine algae for treating cancer, infectious disease, and inflammation. <i>Phytotherapy Research</i> , 2022, 36, 761-777.	2.8	39
10	<i>Rehmannia glutinosa</i> polysaccharide induces toll-like receptor 4 dependent spleen dendritic cell maturation and anti-cancer immunity. <i>Oncolmunology</i> , 2017, 6, e1325981.	2.1	32
11	USP14 Inhibition Regulates Tumorigenesis by Inducing Autophagy in Lung Cancer In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5300.	1.8	32
12	Nucleic acid nanotechnology for cancer treatment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188377.	3.3	31
13	Protective Effect of Melatonin Against Polymicrobial Sepsis Is Mediated by the Anti-bacterial Effect of Neutrophils. <i>Frontiers in Immunology</i> , 2019, 10, 1371.	2.2	29
14	Sequential ubiquitination of p53 by TRIM28, RLIM, and MDM2 in lung tumorigenesis. <i>Cell Death and Differentiation</i> , 2021, 28, 1790-1803.	5.0	27
15	Cancer immunotherapy by immune checkpoint blockade and its advanced application using bio-nanomaterials. <i>Seminars in Cancer Biology</i> , 2022, 86, 909-922.	4.3	26
16	<i>Astragalus membranaceus</i> polysaccharides potentiate the growth-inhibitory activity of immune checkpoint inhibitors against pulmonary metastatic melanoma in mice. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1292-1300.	3.6	24
17	<i>Rehmannia glutinosa</i> polysaccharide functions as a mucosal adjuvant to induce dendritic cell activation in mediastinal lymph node. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1618-1623.	3.6	23
18	Ubiquitin-Conjugating Enzymes in Cancer. <i>Cells</i> , 2021, 10, 1383.	1.8	22

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19	Time-dependent effect of E. coli LPS in spleen DC activation in vivo: Alteration of numbers, expression of co-stimulatory molecules, production of pro-inflammatory cytokines, and presentation of antigens. <i>Molecular Immunology</i> , 2017, 85, 205-213.	1.0	21
20	Ecklonia cava fucoidan has potential to stimulate natural killer cells in vivo. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 111-121.	3.6	21
21	Impairment of social behavior and communication in mice lacking the Uba6-dependent ubiquitin activation system. <i>Behavioural Brain Research</i> , 2015, 281, 78-85.	1.2	19
22	Inhibition of peroxiredoxin 2 suppresses Wnt/ β -catenin signaling in gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 250-255.	1.0	19
23	Enhancement of Immune Checkpoint Inhibitor-Mediated Anti-Cancer Immunity by Intranasal Treatment of Ecklonia cava Fucoidan against Metastatic Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9125.	1.8	19
24	Association of Uba6-Specific-E2 (USE1) With Lung Tumorigenesis. <i>Journal of the National Cancer Institute</i> , 2017, 109, djw224.	3.0	18
25	The Ubiquitin System: An Emerging Therapeutic Target for Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9629.	1.8	18
26	Wip1 regulates Smad4 phosphorylation and inhibits TGF β signaling. <i>EMBO Reports</i> , 2020, 21, e48693.	2.0	17
27	Inhibitory effect of porphyran on lipopolysaccharide-induced activation of human lip immune cells. <i>Carbohydrate Polymers</i> , 2020, 232, 115811.	5.1	17
28	Comparison of human peripheral blood dendritic cell activation by four fucoidans. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 477-484.	3.6	17
29	Activation of Human Dendritic Cells by Ascophyllan Purified from <i>Ascophyllum nodosum</i> . <i>Marine Drugs</i> , 2019, 17, 66.	2.2	14
30	Universally applicable RNA membrane-based microneedle system for transdermal drug delivery. <i>Materials Horizons</i> , 2020, 7, 1317-1326.	6.4	14
31	Characterization, Gene Cloning, and Sequencing of a Fungal Phytase, PhyA, From <i>Penicillium oxalicum</i> P3. <i>Preparative Biochemistry and Biotechnology</i> , 2015, 45, 336-347.	1.0	11
32	BRC-mediated RNAi targeting of USE1 inhibits tumor growth in vitro and in vivo. <i>Biomaterials</i> , 2020, 230, 119630.	5.7	11
33	Chloride Channels and Transporters: Roles beyond Classical Cellular Homeostatic pH or Ion Balance in Cancers. <i>Cancers</i> , 2022, 14, 856.	1.7	11
34	Modulating the Ubiquitin-Proteasome System: A Therapeutic Strategy for Autoimmune Diseases. <i>Cells</i> , 2022, 11, 1093.	1.8	11
35	Hif-1 α Inhibitors Could Successfully Inhibit the Progression of Differentiated Thyroid Cancer in Vitro. <i>Pharmaceuticals</i> , 2020, 13, 208.	1.7	10
36	De Novo Development of mtDNA Deletion Due to Decreased POLG and SSBP1 Expression in Humans. <i>Genes</i> , 2021, 12, 284.	1.0	9

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37	Highly photostable rylene-encapsulated polymeric nanoparticles for fluorescent labeling in biological system. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 239-246.	2.9	7
38	Ubiquitin Activating Enzyme UBA6 Regulates Th1 and Tc1 Cell Differentiation. <i>Cells</i> , 2022, 11, 105.	1.8	7
39	The sulfiredoxin-peroxiredoxin redox system regulates the stemness and survival of colon cancer stem cells. <i>Redox Biology</i> , 2021, 48, 102190.	3.9	7
40	Estrogen treatment reduced oxalate transporting activity and enhanced migration through the involvement of SLC26A6 in lung cancer cells. <i>Toxicology in Vitro</i> , 2022, 82, 105373.	1.1	7
41	Administration of Soft Matter Lipid-DNA Nanoparticle As the Immunostimulant via Multiple Routes of Injection in Vivo. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2054-2058.	2.6	6
42	Modulated Start-Up Mode of Cancer Cell Migration Through Spinophilin-Tubular Networks. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652791.	1.8	6
43	Recombinant programmed cell death protein 1 functions as an immune check point blockade and enhances anti-cancer immunity. <i>Biomaterials</i> , 2022, 285, 121550.	5.7	5
44	Dye encapsulated polymeric nanoprobe for in vitro and in vivo fluorescence imaging in panchromatic range. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 73, 87-94.	2.9	4
45	Agonist Antibody Converts Stem Cells into Migrating Brown Adipocyte-Like Cells in Heart. <i>Cells</i> , 2020, 9, 256.	1.8	4
46	Ultrasensitive Detection of Oligonucleotides: Single-Walled Carbon Nanotube Transistor Assembled by DNA Block Copolymer. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5175-5180.	0.9	3
47	Phosphate-Functionalized Stabilized F127 Nanoparticles: Introduction of Discrete Surface Charges and Electrophoretic Determination of Aggregation Number. <i>Macromolecular Research</i> , 2019, 27, 657-662.	1.0	3
48	Early-stage paired housing improves social interaction in neuronal Uba6-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 545-549.	1.0	3
49	Immunostimulatory Agent Evaluation: Lymphoid Tissue Extraction and Injection Route-Dependent Dendritic Cell Activation. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
50	HSâ€¹793 inhibits cell proliferation in lung cancer by interfering with the interaction between p53 and MDM2. <i>Oncology Letters</i> , 2022, 24, .	0.8	1