

# Che-Chang Chang

## List of Publications by Year in descending order

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33  
papers

897  
citations

567281

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h-index

477307

29  
g-index

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all docs

35  
docs citations

35  
times ranked

1320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Ribbon-Based Dual-Beam Optical Phased Array with Low Crosstalk and Large FoV. Applied Sciences (Switzerland), 2022, 12, 505.	2.5	1
2	Expression of the AHPND Toxins PirAvp and PirBvp Is Regulated by Components of the Vibrio parahaemolyticus Quorum Sensing (QS) System. International Journal of Molecular Sciences, 2022, 23, 2889.	4.1	7
3	Galectin-1 orchestrates an inflammatory tumor-stroma crosstalk in hepatoma by enhancing TNFR1 protein stability and signaling in carcinoma-associated fibroblasts. Oncogene, 2022, 41, 3011-3023.	5.9	14
4	Phase-Dependent 1T/2H-MoS <sub>2</sub> Nanosheets for Effective Photothermal Killing of Bacteria. ACS Sustainable Chemistry and Engineering, 2022, 10, 8949-8957.	6.7	34
5	Genome-wide CRISPR/Cas9 knockout screening uncovers a novel inflammatory pathway critical for resistance to arginine-deprivation therapy. Theranostics, 2021, 11, 3624-3641.	10.0	11
6	Isotypes of autoantibodies against novel differential 4-hydroxy-2-nonenal-modified peptide adducts in serum is associated with rheumatoid arthritis in Taiwanese women. BMC Medical Informatics and Decision Making, 2021, 21, 49.	3.0	7
7	Emerging Trends in Nanomaterials for Antibacterial Applications. International Journal of Nanomedicine, 2021, Volume 16, 5831-5867.	6.7	96
8	Prognostic Significance of O-GlcNAc and PKM2 in Hormone Receptor-Positive and HER2-Nonenriched Breast Cancer. Diagnostics, 2021, 11, 1460.	2.6	3
9	Plasmonic Gold Nanoisland Film for Bacterial Theranostics. Nanomaterials, 2021, 11, 3139.	4.1	11
10	Notch signaling and natural killer cell infiltration in tumor tissues underlie medulloblastoma prognosis. Scientific Reports, 2021, 11, 23282.	3.3	7
11	A <i>PIAS1</i> Protective Variant <i>S510G</i> Delays <i>polyQ</i> Disease Onset by Modifying Protein Homeostasis. Movement Disorders, 2021, , .	3.9	7
12	Synthesis and characterization of Gd-DTPA/fucoidan/peptide complex nanoparticle and in vitro magnetic resonance imaging of inflamed endothelial cells. Materials Science and Engineering C, 2020, 114, 111064.	7.3	28
13	Molecular-Clinical Correlation in Pediatric Medulloblastoma: A Cohort Series Study of 52 Cases in Taiwan. Cancers, 2020, 12, 653.	3.7	8
14	Grating Lobe-Free Beam Steering through Optical Phase Array Using Phase-Compensated Two Index-Mismatched Silicon Wires-Based Emitters. Applied Sciences (Switzerland), 2020, 10, 1225.	2.5	1
15	Tandem Mach Zehnder Directional Coupler Design and Simulation on Silicon Platform for Optical Coherence Tomography Applications. Sensors, 2020, 20, 1054.	3.8	7
16	Upregulation of Protein Synthesis and Proteasome Degradation Confers Sensitivity to Proteasome Inhibitor Bortezomib in Myc-Atypical Teratoid/Rhabdoid Tumors. Cancers, 2020, 12, 752.	3.7	6
17	ATRT-01. UPREGULATION OF PROTEIN SYNTHESIS AND PROTEASOME DEGRADATION CONFERS SENSITIVITY TO PROTEASOME INHIBITOR BORTEZOMIB IN MYC-ATYPICAL TERATOID/RHABDOID TUMORS. Neuro-Oncology, 2020, 22, iii275-iii275.	1.2	0
18	Adipocyte browning and resistance to obesity in mice is induced by expression of ATF3. Communications Biology, 2019, 2, 389.	4.4	34

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19	Hypoxia-induced Slug SUMOylation enhances lung cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 5.	8.6	21
20	Quantitative Analysis of Glucose Metabolic Cleavage in Glucose Transporters Overexpressed Cancer Cells by Target-Specific Fluorescent Gold Nanoclusters. <i>Analytical Chemistry</i> , 2018, 90, 3974-3980.	6.5	34
21	SUMOylation of XRCC1 activated by poly (ADP-ribosyl)ation regulates DNA repair. <i>Human Molecular Genetics</i> , 2018, 27, 2306-2317.	2.9	7
22	Serum ApoA4 levels predicted the progression of renal impairment in T2DM. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12937.	3.4	19
23	Serum amyloid A1 in combination with integrin $\alpha_5\beta_1$ increases glioblastoma cells mobility and progression. <i>Molecular Oncology</i> , 2018, 12, 756-771.	4.6	32
24	Sex hormone-binding globulin (SHBG) is a potential early diagnostic biomarker for gastric cancer. <i>Cancer Medicine</i> , 2018, 7, 64-74.	2.8	19
25	The role of sentrin-specific protease 2 substrate recognition in TGF- $\beta_2$ -induced tumorigenesis. <i>Scientific Reports</i> , 2018, 8, 9786.	3.3	9
26	Glycosylation-dependent galectin-1/neuropilin-1 interactions promote liver fibrosis through activation of TGF- $\beta_2$ - and PDGF-like signals in hepatic stellate cells. <i>Scientific Reports</i> , 2017, 7, 11006.	3.3	43
27	Low Levels of IgG Recognizing the $\alpha_1$ -1-Antitrypsin Peptide and Its Association with Taiwanese Women with Primary Sjogren's Syndrome. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2750.	4.1	3
28	Two Interrogated FBG Spectral Linewidth for Strain Sensing through Correlation. <i>Sensors</i> , 2017, 17, 2837.	3.8	0
29	<i>Xist</i> reduction in breast cancer upregulates AKT phosphorylation via HDAC3-mediated repression of PHLPP1 expression. <i>Oncotarget</i> , 2016, 7, 43256-43266.	1.8	97
30	Structural analysis of poly-SUMO chain recognition by the RNF4-SIMs domain. <i>Biochemical Journal</i> , 2014, 462, 53-65.	3.7	29
31	SENP1 deSUMOylates and Regulates Pin1 Protein Activity and Cellular Function. <i>Cancer Research</i> , 2013, 73, 3951-3962.	0.9	68
32	Structural and Functional Roles of Daxx SIM Phosphorylation in SUMO Paralog-Selective Binding and Apoptosis Modulation. <i>Molecular Cell</i> , 2011, 42, 62-74.	9.7	137
33	Daxx Mediates the Small Ubiquitin-like Modifier-dependent Transcriptional Repression of Smad4. <i>Journal of Biological Chemistry</i> , 2005, 280, 10164-10173.	3.4	96