

Andy T Y Lau

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,706
citations

279487

23
h-index

301761

39
g-index

66
all docs

66
docs citations

66
times ranked

2794
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reactive oxygen species: Current knowledge and applications in cancer research and therapeutic. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 657-667. | 1.2 | 243 |
| 2 | Selenium Species: Current Status and Potentials in Cancer Prevention and Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 75. | 1.8 | 133 |
| 3 | A proteome analysis of the arsenite response in cultured lung cells: evidence for in vitro oxidative stress-induced apoptosis. <i>Biochemical Journal</i> , 2004, 382, 641-650. | 1.7 | 119 |
| 4 | Opposed arsenite-induced signaling pathways promote cell proliferation or apoptosis in cultured lung cells. <i>Carcinogenesis</i> , 2003, 25, 21-28. | 1.3 | 90 |
| 5 | Recent Progress of Nanocarrier-Based Therapy for Solid Malignancies. <i>Cancers</i> , 2020, 12, 2783. | 1.7 | 64 |
| 6 | Posttranslational modifications of human histone H3: An update. <i>Proteomics</i> , 2014, 14, 2047-2060. | 1.3 | 63 |
| 7 | Post-Translational Modification of Human Heat Shock Factors and Their Functions: A Recent Update by Proteomic Approach. <i>Journal of Proteome Research</i> , 2012, 11, 2625-2634. | 1.8 | 57 |
| 8 | Cyclin-Dependent Kinase 3 Mediated Activating Transcription Factor 1 Phosphorylation Enhances Cell Transformation. <i>Cancer Research</i> , 2008, 68, 7650-7660. | 0.4 | 50 |
| 9 | The Possible Role of Cytokeratin 8 in Cadmium-Induced Adaptation and Carcinogenesis. <i>Cancer Research</i> , 2007, 67, 2107-2113. | 0.4 | 49 |
| 10 | Extracellular Signal-Regulated Kinase 8 Mediated c-Jun Phosphorylation Increases Tumorigenesis of Human Colon Cancer. <i>Cancer Research</i> , 2010, 70, 3218-3227. | 0.4 | 49 |
| 11 | Phytofabrication of Nanoparticles as Novel Drugs for Anticancer Applications. <i>Molecules</i> , 2019, 24, 4246. | 1.7 | 43 |
| 12 | Electronic cigarette: A recent update of its toxic effects on humans. <i>Journal of Cellular Physiology</i> , 2018, 233, 4466-4478. | 2.0 | 37 |
| 13 | Angiotensin-converting enzyme 2: The old door for new severe acute respiratory syndrome coronavirus 2 infection. <i>Reviews in Medical Virology</i> , 2020, 30, e2122. | 3.9 | 36 |
| 14 | Acquired tolerance in cadmium-adapted lung epithelial cells: Roles of the c-Jun N-terminal kinase signaling pathway and basal level of metallothionein. <i>Toxicology and Applied Pharmacology</i> , 2006, 215, 1-8. | 1.3 | 33 |
| 15 | Phosphorylation of Histone H2B Serine 32 Is Linked to Cell Transformation. <i>Journal of Biological Chemistry</i> , 2011, 286, 26628-26637. | 1.6 | 33 |
| 16 | Differential proteomic expression of human placenta and fetal development following e-waste lead and cadmium exposure in utero. <i>Science of the Total Environment</i> , 2016, 550, 1163-1170. | 3.9 | 32 |
| 17 | Molecular and pathophysiological aspects of metal ion uptake by the zinc transporter ZIP8 (SLC39A8). <i>Toxicology Research</i> , 2016, 5, 987-1002. | 0.9 | 32 |
| 18 | Phosphorylation of H2AX at Ser139 and a New Phosphorylation Site Ser16 by RSK2 Decreases H2AX Ubiquitination and Inhibits Cell Transformation. <i>Cancer Research</i> , 2011, 71, 393-403. | 0.4 | 31 |

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|----|--|-----|-----------|
| 19 | Proteomic and biochemical analyses of in vitro carcinogen-induced lung cell transformation: Synergism between arsenic and benzo[a]pyrene. <i>Proteomics</i> , 2006, 6, 1619-1630. | 1.3 | 28 |
| 20 | Potency and Selectivity of SMAC/DIABLO Mimetics in Solid Tumor Therapy. <i>Cells</i> , 2020, 9, 1012. | 1.8 | 27 |
| 21 | Acute and chronic cadmium telluride quantum dots-exposed human bronchial epithelial cells: The effects of particle sizes on their cytotoxicity and carcinogenicity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 899-903. | 1.0 | 26 |
| 22 | Regulation of human mitogen-activated protein kinase 15 (extracellular signal-regulated kinase 7/8) and its functions: A recent update. <i>Journal of Cellular Physiology</i> , 2019, 234, 75-88. | 2.0 | 26 |
| 23 | Cadmium induces cytotoxicity in human bronchial epithelial cells through upregulation of eIF5A1 and NF-kappaB. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 95-99. | 1.0 | 24 |
| 24 | Lasting DNA Damage and Aberrant DNA Repair Gene Expression Profile Are Associated with Post-Chronic Cadmium Exposure in Human Bronchial Epithelial Cells. <i>Cells</i> , 2019, 8, 842. | 1.8 | 23 |
| 25 | Recent insights into eukaryotic translation initiation factors 5A1 and 5A2 and their roles in human health and disease. <i>Cancer Cell International</i> , 2020, 20, 142. | 1.8 | 23 |
| 26 | Extracellular signal-regulated kinase 8-mediated NF- κ B activation increases sensitivity of human lung cancer cells to arsenic trioxide. <i>Oncotarget</i> , 2017, 8, 49144-49155. | 0.8 | 23 |
| 27 | Epiproteome profiling of cadmium-transformed human bronchial epithelial cells by quantitative histone post-translational modification enzyme-linked immunosorbent assay. <i>Journal of Applied Toxicology</i> , 2018, 38, 888-895. | 1.4 | 22 |
| 28 | Proteome profiling of cadmium-induced apoptosis by antibody array analyses in human bronchial epithelial cells. <i>Oncotarget</i> , 2016, 7, 6146-6158. | 0.8 | 21 |
| 29 | Biomarkers of lung-related diseases: Current knowledge by proteomic approaches. <i>Journal of Cellular Physiology</i> , 2009, 221, 535-543. | 2.0 | 17 |
| 30 | Proteomic analysis of cadmium exposure in cultured lung epithelial cells: evidence for oxidative stress-induced cytotoxicity. <i>Toxicology Research</i> , 2013, 2, 280. | 0.9 | 15 |
| 31 | Epigenetic Effects of Dietary Trace Elements. <i>Current Pharmacology Reports</i> , 2017, 3, 232-241. | 1.5 | 14 |
| 32 | Resveratrol Promotes Tumor Microvessel Growth via Endoglin and Extracellular Signal-Regulated Kinase Signaling Pathway and Enhances the Anticancer Efficacy of Gemcitabine against Lung Cancer. <i>Cancers</i> , 2020, 12, 974. | 1.7 | 14 |
| 33 | Progressive silencing of the zinc transporter Zip8 (Slc39a8) in chronic cadmium-exposed lung epithelial cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 444-449. | 0.9 | 13 |
| 34 | Recent insights into human bronchial proteomics – how are we progressing and what is next?. <i>Expert Review of Proteomics</i> , 2018, 15, 113-130. | 1.3 | 13 |
| 35 | Epigenetic regulation of angiogenesis in lung cancer. <i>Journal of Cellular Physiology</i> , 2021, 236, 3194-3206. | 2.0 | 13 |
| 36 | Purification and Characterization of a Major Secretory Cellobiase, Cba2, from <i>Cellulomonas biazotea</i> . <i>Protein Expression and Purification</i> , 2001, 23, 159-166. | 0.6 | 12 |

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|----|---|-----|-----------|
| 37 | Proteomic analysis of secreted proteins by human bronchial epithelial cells in response to cadmium toxicity. <i>Proteomics</i> , 2015, 15, 3075-3086. | 1.3 | 12 |
| 38 | Anti-Cancer and Medicinal Potentials of Moringa Isothiocyanate. <i>Molecules</i> , 2021, 26, 7512. | 1.7 | 12 |
| 39 | Aberrant cytokine secretion and zinc uptake in chronic cadmium-exposed lung epithelial cells. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600059. | 0.8 | 11 |
| 40 | Cadmium telluride quantum dot-exposed human bronchial epithelial cells: a further study of the cellular response by proteomics. <i>Toxicology Research</i> , 2019, 8, 994-1001. | 0.9 | 10 |
| 41 | Purification and characterization of a highly specific polyclonal antibody against human extracellular signal-regulated kinase 8 and its detection in lung cancer. <i>PLoS ONE</i> , 2017, 12, e0184755. | 1.1 | 10 |
| 42 | Histone XH2AX Is Required for Xenopus Anterior Neural Development. <i>Journal of Biological Chemistry</i> , 2010, 285, 29525-29534. | 1.6 | 9 |
| 43 | The Prognostic and Clinicopathological Roles of Sirtuin-3 in Various Cancers. <i>PLoS ONE</i> , 2016, 11, e0159801. | 1.1 | 9 |
| 44 | Discovering Epimodifications of the Genome, Transcriptome, Proteome, and Metabolome: the Quest for Conquering the Uncharted Epi(c) Territories. <i>Current Pharmacology Reports</i> , 2017, 3, 286-293. | 1.5 | 8 |
| 45 | Epigenetic Effects of the 13 Vitamins. <i>Current Pharmacology Reports</i> , 2018, 4, 453-467. | 1.5 | 7 |
| 46 | Epimutational effects of electronic cigarettes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17044-17067. | 2.7 | 7 |
| 47 | Nanoparticles: Excellent Materials Yet Dangerous When They Become Airborne. <i>Toxics</i> , 2022, 10, 50. | 1.6 | 7 |
| 48 | Preparation of highly specific polyclonal antibody for human zinc transporter ZIP8. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 946-949. | 0.9 | 6 |
| 49 | Ubiquitin carboxyl-terminal hydrolase isozyme L1/UCHL1 suppresses epithelial-mesenchymal transition and is under-expressed in cadmium-transformed human bronchial epithelial cells. <i>Cell Biology and Toxicology</i> , 2021, 37, 497-513. | 2.4 | 6 |
| 50 | The Impact of ZIP8 Disease-Associated Variants G38R, C113S, G204C, and S335T on Selenium and Cadmium Accumulations: The First Characterization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11399. | 1.8 | 6 |
| 51 | Indoor Secondary Pollutants Cannot Be Ignored: Third-Hand Smoke. <i>Toxics</i> , 2022, 10, 363. | 1.6 | 6 |
| 52 | Epigenetic Effects of Essential Fatty Acids. <i>Current Pharmacology Reports</i> , 2019, 5, 68-78. | 1.5 | 5 |
| 53 | Proteomic technology and its biomedical applications. <i>Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica</i> , 2003, 35, 965-75. | 0.1 | 5 |
| 54 | Recent knowledge of NFATc4 in oncogenesis and cancer prognosis. <i>Cancer Cell International</i> , 2022, 22, . | 1.8 | 5 |

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|----|---|-----|-----------|
| 55 | ACC2 is under-expressed in lung adenocarcinoma and predicts poor clinical outcomes. Journal of Cancer Research and Clinical Oncology, 2022, 148, 3145-3162. | 1.2 | 4 |
| 56 | Cytochrome P450 27C1 Level Dictates Lung Cancer Tumorigenicity and Sensitivity towards Multiple Anticancer Agents and Its Potential Interplay with the IGF-1R/Akt/p53 Signaling Pathway. International Journal of Molecular Sciences, 2022, 23, 7853. | 1.8 | 4 |
| 57 | The Impact of Coilin Nonsynonymous SNP Variants E121K and V145I on Cell Growth and Cajal Body Formation: The First Characterization. Genes, 2020, 11, 895. | 1.0 | 3 |
| 58 | Hot Topic Commentary on COVID-19. Current Pharmacology Reports, 2020, 6, 53-55. | 1.5 | 3 |
| 59 | Human bronchial-pulmonary proteomics in coronavirus disease 2019 (COVID-19) pandemic: applications and implications. Expert Review of Proteomics, 2021, 18, 925-938. | 1.3 | 2 |
| 60 | Histone H3. , 2018, , 2388-2393. | | 1 |
| 61 | Abstract 1017: Phosphorylation of histone H2AX at Ser139 and a new phosphorylation site Ser16 by RSK2 decreases H2AX ubiquitination and inhibits cell transformation. , 2011, , . | | 0 |
| 62 | Abstract 3597: Further studies on cadmium-adapted lung epithelial cells: evidence for the attenuation of general stress response, enhancement of metallothionein-induction response, and loss of p53 expression.. , 2013, , . | | 0 |
| 63 | Abstract 5131: Cadmium induces cytotoxicity in human bronchial epithelial cell in a p53-independent, nuclear factor NF-kappaB-dependent manner. , 2014, , . | | 0 |
| 64 | Abstract 5308: A proteome analysis of the cadmium response in human bronchial epithelial cells: Identification of potential biomarkers related to cadmium exposure. , 2014, , . | | 0 |
| 65 | Histone H3. , 2016, , 1-6. | | 0 |