## Muy-Teck Teh

List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Mutations in ABCA12 Underlie the Severe Congenital Skin Disease Harlequin Ichthyosis. American<br>Journal of Human Genetics, 2005, 76, 794-803.  | 6.2  | 302       |
| 2  | Changes in Abundance of Oral Microbiota Associated with Oral Cancer. PLoS ONE, 2014, 9, e98741.  | 2.5  | 295       |
| 3  | FOXM1 is a downstream target of Gli1 in basal cell carcinomas. Cancer Research, 2002, 62, 4773-80.   | 0.9  | 278       |
| 4  | The gene encoding R-spondin 4 (RSPO4), a secreted protein implicated in Wnt signaling, is mutated in inherited anonychia. Nature Genetics, 2006, 38, 1245-1247.  | 21.4 | 173       |
| 5  | Mapping the Melatonin Receptor. 6. Melatonin Agonists and Antagonists Derived from<br>6H-Isoindolo[2,1-a]indoles, 5,6-Dihydroindolo[2,1-a]isoquinolines, and<br>6,7-Dihydro-5H-benzo[c]azepino[2,1-a]indoles. Journal of Medicinal Chemistry, 2000, 43, 1050-1061. | 6.4  | 154       |
| 6  | FOXM1 Upregulation Is an Early Event in Human Squamous Cell Carcinoma and it Is Enhanced by Nicotine during Malignant Transformation. PLoS ONE, 2009, 4, e4849.  | 2.5  | 152       |
| 7  | Genomewide Single Nucleotide Polymorphism Microarray Mapping in Basal Cell Carcinomas Unveils<br>Uniparental Disomy as a Key Somatic Event. Cancer Research, 2005, 65, 8597-8603.  | 0.9  | 145       |
| 8  | Vimentin Is at the Heart of Epithelial Mesenchymal Transition (EMT) Mediated Metastasis. Cancers, 2021, 13, 4985.  | 3.7  | 145       |
| 9  | Melatonin, Melatonin Receptors and Melanophores: A Moving Story. Pigment Cell & Melanoma<br>Research, 2004, 17, 454-460.   | 3.6  | 103       |
| 10 | Induction of Human Epithelial Stem/Progenitor Expansion by FOXM1. Cancer Research, 2010, 70, 9515-9526.  | 0.9  | 92        |
| 11 | Keratin K15 as a Biomarker of Epidermal Stem Cells. International Journal of Molecular Sciences, 2013, 14, 19385-19398.  | 4.1  | 88        |
| 12 | Downstream targets of FOXM1: CEP55 and HELLS are cancer progression markers of head and neck squamous cell carcinoma. Oral Oncology, 2010, 46, 536-542.  | 1.5  | 85        |
| 13 | The utility of zebrafish to study the mechanisms by which ethanol affects social behavior and anxiety during early brain development. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 55, 94-100.  | 4.8  | 83        |
| 14 | Allelic imbalances and microdeletions affecting thePTPRDgene in cutaneous squamous cell carcinomas detected using single nucleotide polymorphism microarray analysis. Genes Chromosomes and Cancer, 2007, 46, 661-669.   | 2.8  | 82        |
| 15 | Transcriptome reprogramming by cancer exosomes: identification of novel molecular targets in matrix and immune modulation. Molecular Cancer, 2018, 17, 97.   | 19.2 | 75        |
| 16 | Upregulation of HIFâ€1α in malignant transformation of oral submucous fibrosis. Journal of Oral<br>Pathology and Medicine, 2008, 37, 372-377.  | 2.7  | 72        |
| 17 | Upregulation of FOXM1 induces genomic instability in human epidermal keratinocytes. Molecular<br>Cancer, 2010, 9, 45.  | 19.2 | 68        |
| 18 | FOXM1 Induces a Global Methylation Signature That Mimics the Cancer Epigenome in Head and Neck Squamous Cell Carcinoma. PLoS ONE, 2012, 7, e34329.   | 2.5  | 68        |

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|----|--|-----|-----------|
| 19 | Mapping the Melatonin Receptor. 5. Melatonin Agonists and Antagonists Derived from<br>Tetrahydrocyclopent[b]indoles, Tetrahydrocarbazoles and Hexahydrocyclohept[b]indoles. Journal of<br>Medicinal Chemistry, 1998, 41, 451-467.  | 6.4 | 66        |
| 20 | Role for WNT16B in human epidermal keratinocyte proliferation and differentiation. Journal of Cell<br>Science, 2007, 120, 330-339.   | 2.0 | 66        |
| 21 | Desmoglein 3, via an Interaction with E-cadherin, Is Associated with Activation of Src. PLoS ONE, 2010, 5, e14211.   | 2.5 | 58        |
| 22 | Integrin α11 is overexpressed by tumour stroma of head and neck squamous cell carcinoma and correlates positively with alpha smooth muscle actin expression. Journal of Oral Pathology and Medicine, 2017, 46, 267-275.  | 2.7 | 54        |
| 23 | Melatonin receptor pharmacology: toward subtype specificity. Biology of the Cell, 1997, 89, 531-537.   | 2.0 | 51        |
| 24 | Design of subtype selective melatonin receptor agonists and antagonists. Reproduction, Nutrition, Development, 1999, 39, 335-344.  | 1.9 | 51        |
| 25 | EPS8 upregulates FOXM1 expression, enhancing cell growth and motility. Carcinogenesis, 2010, 31, 1132-1141.  | 2.8 | 47        |
| 26 | S100A16 promotes differentiation and contributes to a less aggressive tumor phenotype in oral squamous cell carcinoma. BMC Cancer, 2015, 15, 631.  | 2.6 | 43        |
| 27 | Comparison of the structure-activity relationships of melatonin receptor agonists and antagonists:<br>lengthening the N-acyl side-chain has differing effects on potency on Xenopus melanophores.<br>Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 522-528. | 3.0 | 41        |
| 28 | Mapping the Melatonin Receptor. 7. Subtype Selective Ligands Based on<br>β-SubstitutedN-Acyl-5-methoxytryptamines and β-SubstitutedN-Acyl-5-methoxy-1-methyltryptamines.<br>Journal of Medicinal Chemistry, 2006, 49, 3509-3519.   | 6.4 | 41        |
| 29 | Identification of FOXM1â€induced epigenetic markers for head and neck squamous cell carcinomas.<br>Cancer, 2013, 119, 4249-4258.   | 4.1 | 40        |
| 30 | An altered keratinocyte phenotype in oral submucous fibrosis: correlation of keratin K17 expression with disease severity. Journal of Oral Pathology and Medicine, 2008, 37, 211-220.  | 2.7 | 36        |
| 31 | A molecular study of desmosomes identifies a desmoglein isoform switch in head and neck squamous<br>cell carcinoma. Journal of Oral Pathology and Medicine, 2011, 40, 67-76.   | 2.7 | 33        |
| 32 | Two Mechanisms Regulate Keratin K15 Expression In Keratinocytes: Role of PKC/AP-1 and FOXM1<br>Mediated Signalling. PLoS ONE, 2012, 7, e38599.   | 2.5 | 32        |
| 33 | Major Molecular Signaling Pathways in Oral Cancer Associated With Therapeutic Resistance.<br>Frontiers in Oral Health, 2020, 1, 603160.  | 3.0 | 32        |
| 34 | Fingerprinting genomic instability in oral submucous fibrosis. Journal of Oral Pathology and Medicine, 2008, 37, 430-436.  | 2.7 | 31        |
| 35 | Increased secretion of tissue inhibitors of metalloproteinases 1 and 2 (TIMPs â€1 and â€2) in fibroblasts are<br>early indictors of oral subâ€mucous fibrosis and ageing. Journal of Oral Pathology and Medicine, 2012,<br>41, 454-462.                                  | 2.7 | 31        |
| 36 | Exploiting FOXM1â€orchestrated molecular network for early squamous cell carcinoma diagnosis and prognosis. International Journal of Cancer, 2013, 132, 2095-2106.   | 5.1 | 31        |

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|----|--|-----|-----------|
| 37 | Moderate alcohol exposure during early brain development increases stimulusâ€response habits in<br>adulthood. Addiction Biology, 2016, 21, 49-60.  | 2.6 | 28        |
| 38 | FOXM1 coming of age: time for translation into clinical benefits?. Frontiers in Oncology, 2012, 2, 146.  | 2.8 | 23        |
| 39 | GLI2 induces genomic instability in human keratinocytes by inhibiting apoptosis. Cell Death and Disease, 2014, 5, e1028-e1028.   | 6.3 | 22        |
| 40 | Evidence for the Desmosomal Cadherin Desmoglein-3 in Regulating YAP and Phospho-YAP in<br>Keratinocyte Responses to Mechanical Forces. International Journal of Molecular Sciences, 2019, 20,<br>6221.         | 4.1 | 21        |
| 41 | Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. ELife, 2020, 9, .   | 6.0 | 21        |
| 42 | Binding affinity and biological activity of oxygen and sulfur isosteres at melatonin receptors as a function of their hydrogen bonding capability. Bioorganic Chemistry, 2004, 32, 1-12.                       | 4.1 | 19        |
| 43 | Clinical correlation of opposing molecular signatures in head and neck squamous cell carcinoma.<br>BMC Cancer, 2019, 19, 830.  | 2.6 | 18        |
| 44 | The desmosomal cadherin desmoglein-3 acts as a keratinocyte anti-stress protein via suppression of p53. Cell Death and Disease, 2019, 10, 750.   | 6.3 | 18        |
| 45 | 7-Substituted-melatonin and 7-substituted-1-methylmelatonin analogues: Effect of substituents on potency and binding affinity. Bioorganic and Medicinal Chemistry, 2007, 15, 4543-4551.                        | 3.0 | 16        |
| 46 | Developmental role of acetylcholinesterase in impulse control in zebrafish. Frontiers in Behavioral<br>Neuroscience, 2015, 9, 271.   | 2.0 | 16        |
| 47 | GLI2 Is a Regulator of β-Catenin and Is Associated with Loss of E-Cadherin, Cell Invasiveness, and<br>Long-Term Epidermal Regeneration. Journal of Investigative Dermatology, 2017, 137, 1719-1730.            | 0.7 | 16        |
| 48 | An endogenous 5-HT7 receptor mediates pigment granule dispersion in Xenopus laevis melanophores.<br>British Journal of Pharmacology, 2001, 132, 1799-1808.   | 5.4 | 14        |
| 49 | The putative melatonin receptor antagonist GR128107 is a partial agonist on Xenopus laevis melanophores. British Journal of Pharmacology, 1999, 126, 1237-1245.  | 5.4 | 13        |
| 50 | The transcription factor FOXM1 regulates the balance between proliferation and aberrant differentiation in head and neck squamous cell carcinoma. Journal of Pathology, 2020, 250, 107-119.                    | 4.5 | 11        |
| 51 | RASSF1A inhibits PDGFB-driven malignant phenotypes of nasopharyngeal carcinoma cells in a YAP1-dependent manner. Cell Death and Disease, 2020, 11, 855.  | 6.3 | 11        |
| 52 | Serum lipids, retinoic acid and phenol red differentially regulate expression of keratins K1, K10 and K2<br>in cultured keratinocytes. Scientific Reports, 2020, 10, 4829.                                     | 3.3 | 10        |
| 53 | The monoclonal antibody EPR1614Y against the stem cell biomarker keratin K15 lacks specificity and reacts with other keratins. Scientific Reports, 2019, 9, 1943.  | 3.3 | 8         |
| 54 | Conservation of mechanisms regulating emotional-like responses on spontaneous nicotine withdrawal in zebrafish and mammals. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110334. | 4.8 | 8         |

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| 55 | Independent evaluation of a FOXM1-based quantitative malignancy diagnostic system (qMIDS) on head and neck squamous cell carcinomas. Oncotarget, 2016, 7, 54555-54563.  | 1.8 | 7         |
| 56 | Molecular Signatures of Tumour and Its Microenvironment for Precise Quantitative Diagnosis of<br>Oral Squamous Cell Carcinoma: An International Multi-Cohort Diagnostic Validation Study. Cancers,<br>2022, 14, 1389. | 3.7 | 7         |
| 57 | Expression profile of SARSâ€CoVâ€2 cellular entry proteins in normal oral mucosa and oral squamous cell carcinoma. Clinical and Experimental Dental Research, 2021, , .   | 1.9 | 6         |
| 58 | Increased Response to 3,4-Methylenedioxymethamphetamine (MDMA) Reward and Altered Gene<br>Expression in Zebrafish During Short- and Long-Term Nicotine Withdrawal. Molecular Neurobiology,<br>2021, 58, 1650-1663.    | 4.0 | 5         |
| 59 | Impact of N-Terminal Tags on De Novo Vimentin Intermediate Filament Assembly. International Journal of Molecular Sciences, 2022, 23, 6349.  | 4.1 | 5         |
| 60 | Role for WNT16B in human epidermal keratinocyte proliferation and differentiation. Journal of Cell Science, 2007, 120, 917-917.   | 2.0 | 4         |
| 61 | Cells brainwashed by FOXM1: do they have potential as biomarkers of cancer?. Biomarkers in Medicine, 2012, 6, 499-501.  | 1.4 | 4         |
| 62 | Desensitization of pigment granule aggregation in Xenopus leavis melanophores: melatonin<br>degradation rather than receptor down-regulation is responsible. Journal of Neurochemistry, 2002,<br>81, 719-727.         | 3.9 | 3         |
| 63 | Behavioral and Gene Regulatory Responses to Developmental Drug Exposures in Zebrafish. Frontiers<br>in Psychiatry, 2021, 12, 795175.  | 2.6 | 3         |
| 64 | Initiation of Human Tumourigenesis: Upregulation of FOXM1 Transcription Factor. , 2012, , 149-154.  |     | 2         |