

# Muy-Teck Teh

## List of Publications by Year in descending order

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64  
papers

3,585  
citations

147786

31  
h-index

138468

58  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in ABCA12 Underlie the Severe Congenital Skin Disease Harlequin Ichthyosis. <i>American Journal of Human Genetics</i> , 2005, 76, 794-803.	6.2	302
2	Changes in Abundance of Oral Microbiota Associated with Oral Cancer. <i>PLoS ONE</i> , 2014, 9, e98741.	2.5	295
3	FOXM1 is a downstream target of Gli1 in basal cell carcinomas. <i>Cancer Research</i> , 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. <i>Nature Genetics</i> , 2006, 38, 1245-1247.	21.4	173
5	Mapping the Melatonin Receptor. 6. Melatonin Agonists and Antagonists Derived from 6H-Isoindolo[2,1-a]indoles, 5,6-Dihydroindolo[2,1-a]isoquinolines, and 6,7-Dihydro-5H-benzo[c]azepino[2,1-a]indoles. <i>Journal of Medicinal Chemistry</i> , 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. <i>PLoS ONE</i> , 2009, 4, e4849.	2.5	152
7	Genomewide Single Nucleotide Polymorphism Microarray Mapping in Basal Cell Carcinomas Unveils Uniparental Disomy as a Key Somatic Event. <i>Cancer Research</i> , 2005, 65, 8597-8603.	0.9	145
8	Vimentin Is at the Heart of Epithelial Mesenchymal Transition (EMT) Mediated Metastasis. <i>Cancers</i> , 2021, 13, 4985.	3.7	145
9	Melatonin, Melatonin Receptors and Melanophores: A Moving Story. <i>Pigment Cell &amp; Melanoma Research</i> , 2004, 17, 454-460.	3.6	103
10	Induction of Human Epithelial Stem/Progenitor Expansion by FOXM1. <i>Cancer Research</i> , 2010, 70, 9515-9526.	0.9	92
11	Keratin K15 as a Biomarker of Epidermal Stem Cells. <i>International Journal of Molecular Sciences</i> , 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. <i>Oral Oncology</i> , 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. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 94-100.	4.8	83
14	Allelic imbalances and microdeletions affecting the PTPRD gene in cutaneous squamous cell carcinomas detected using single nucleotide polymorphism microarray analysis. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 661-669.	2.8	82
15	Transcriptome reprogramming by cancer exosomes: identification of novel molecular targets in matrix and immune modulation. <i>Molecular Cancer</i> , 2018, 17, 97.	19.2	75
16	Upregulation of HIF-1 $\alpha$ in malignant transformation of oral submucous fibrosis. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 372-377.	2.7	72
17	Upregulation of FOXM1 induces genomic instability in human epidermal keratinocytes. <i>Molecular Cancer</i> , 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. <i>PLoS ONE</i> , 2012, 7, e34329.	2.5	68

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19	Mapping the Melatonin Receptor. 5. Melatonin Agonists and Antagonists Derived from Tetrahydrocyclopent[b]indoles, Tetrahydrocarbazoles and Hexahydrocyclohept[b]indoles. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 451-467.	6.4	66
20	Role for WNT16B in human epidermal keratinocyte proliferation and differentiation. <i>Journal of Cell Science</i> , 2007, 120, 330-339.	2.0	66
21	Desmoglein 3, via an Interaction with E-cadherin, Is Associated with Activation of Src. <i>PLoS ONE</i> , 2010, 5, e14211.	2.5	58
22	Integrin $\alpha$ 11 is overexpressed by tumour stroma of head and neck squamous cell carcinoma and correlates positively with alpha smooth muscle actin expression. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 267-275.	2.7	54
23	Melatonin receptor pharmacology: toward subtype specificity. <i>Biology of the Cell</i> , 1997, 89, 531-537.	2.0	51
24	Design of subtype selective melatonin receptor agonists and antagonists. <i>Reproduction, Nutrition, Development</i> , 1999, 39, 335-344.	1.9	51
25	EPS8 upregulates FOXM1 expression, enhancing cell growth and motility. <i>Carcinogenesis</i> , 2010, 31, 1132-1141.	2.8	47
26	S100A16 promotes differentiation and contributes to a less aggressive tumor phenotype in oral squamous cell carcinoma. <i>BMC Cancer</i> , 2015, 15, 631.	2.6	43
27	Comparison of the structure-activity relationships of melatonin receptor agonists and antagonists: lengthening the N-acyl side-chain has differing effects on potency on <i>Xenopus melanophores</i> . <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 358, 522-528.	3.0	41
28	Mapping the Melatonin Receptor. 7. Subtype Selective Ligands Based on $\alpha$ 2-Substituted N-Acyl-5-methoxytryptamines and $\alpha$ 2-Substituted N-Acyl-5-methoxy-1-methyltryptamines. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3509-3519.	6.4	41
29	Identification of FOXM1-induced epigenetic markers for head and neck squamous cell carcinomas. <i>Cancer</i> , 2013, 119, 4249-4258.	4.1	40
30	An altered keratinocyte phenotype in oral submucous fibrosis: correlation of keratin K17 expression with disease severity. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 211-220.	2.7	36
31	A molecular study of desmosomes identifies a desmoglein isoform switch in head and neck squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 67-76.	2.7	33
32	Two Mechanisms Regulate Keratin K15 Expression In Keratinocytes: Role of PKC/AP-1 and FOXM1 Mediated Signalling. <i>PLoS ONE</i> , 2012, 7, e38599.	2.5	32
33	Major Molecular Signaling Pathways in Oral Cancer Associated With Therapeutic Resistance. <i>Frontiers in Oral Health</i> , 2020, 1, 603160.	3.0	32
34	Fingerprinting genomic instability in oral submucous fibrosis. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 430-436.	2.7	31
35	Increased secretion of tissue inhibitors of metalloproteinases 1 and 2 (TIMPs $\alpha$ 1 and $\alpha$ 2) in fibroblasts are early indicators of oral submucous fibrosis and ageing. <i>Journal of Oral Pathology and Medicine</i> , 2012, 41, 454-462.	2.7	31
36	Exploiting FOXM1-orchestrated molecular network for early squamous cell carcinoma diagnosis and prognosis. <i>International Journal of Cancer</i> , 2013, 132, 2095-2106.	5.1	31

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37	Moderate alcohol exposure during early brain development increases stimulus response habits in adulthood. <i>Addiction Biology</i> , 2016, 21, 49-60.	2.6	28
38	FOXM1 coming of age: time for translation into clinical benefits?. <i>Frontiers in Oncology</i> , 2012, 2, 146.	2.8	23
39	GLI2 induces genomic instability in human keratinocytes by inhibiting apoptosis. <i>Cell Death and Disease</i> , 2014, 5, e1028-e1028.	6.3	22
40	Evidence for the Desmosomal Cadherin Desmoglein-3 in Regulating YAP and Phospho-YAP in Keratinocyte Responses to Mechanical Forces. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6221.	4.1	21
41	Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. <i>ELife</i> , 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. <i>Bioorganic Chemistry</i> , 2004, 32, 1-12.	4.1	19
43	Clinical correlation of opposing molecular signatures in head and neck squamous cell carcinoma. <i>BMC Cancer</i> , 2019, 19, 830.	2.6	18
44	The desmosomal cadherin desmoglein-3 acts as a keratinocyte anti-stress protein via suppression of p53. <i>Cell Death and Disease</i> , 2019, 10, 750.	6.3	18
45	7-Substituted-melatonin and 7-substituted-1-methylmelatonin analogues: Effect of substituents on potency and binding affinity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4543-4551.	3.0	16
46	Developmental role of acetylcholinesterase in impulse control in zebrafish. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 271.	2.0	16
47	GLI2 Is a Regulator of $\beta$ -Catenin and Is Associated with Loss of E-Cadherin, Cell Invasiveness, and Long-Term Epidermal Regeneration. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1719-1730.	0.7	16
48	An endogenous 5-HT <sub>7</sub> receptor mediates pigment granule dispersion in <i>Xenopus laevis</i> melanophores. <i>British Journal of Pharmacology</i> , 2001, 132, 1799-1808.	5.4	14
49	The putative melatonin receptor antagonist GR128107 is a partial agonist on <i>Xenopus laevis</i> melanophores. <i>British Journal of Pharmacology</i> , 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. <i>Journal of Pathology</i> , 2020, 250, 107-119.	4.5	11
51	RASSF1A inhibits PDGFB-driven malignant phenotypes of nasopharyngeal carcinoma cells in a YAP1-dependent manner. <i>Cell Death and Disease</i> , 2020, 11, 855.	6.3	11
52	Serum lipids, retinoic acid and phenol red differentially regulate expression of keratins K1, K10 and K2 in cultured keratinocytes. <i>Scientific Reports</i> , 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. <i>Scientific Reports</i> , 2019, 9, 1943.	3.3	8
54	Conservation of mechanisms regulating emotional-like responses on spontaneous nicotine withdrawal in zebrafish and mammals. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 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. <i>Oncotarget</i> , 2016, 7, 54555-54563.	1.8	7
56	Molecular Signatures of Tumour and Its Microenvironment for Precise Quantitative Diagnosis of Oral Squamous Cell Carcinoma: An International Multi-Cohort Diagnostic Validation Study. <i>Cancers</i> , 2022, 14, 1389.	3.7	7
57	Expression profile of SARS-CoV-2 cellular entry proteins in normal oral mucosa and oral squamous cell carcinoma. <i>Clinical and Experimental Dental Research</i> , 2021, , .	1.9	6
58	Increased Response to 3,4-Methylenedioxymethamphetamine (MDMA) Reward and Altered Gene Expression in Zebrafish During Short- and Long-Term Nicotine Withdrawal. <i>Molecular Neurobiology</i> , 2021, 58, 1650-1663.	4.0	5
59	Impact of N-Terminal Tags on De Novo Vimentin Intermediate Filament Assembly. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6349.	4.1	5
60	Role for WNT16B in human epidermal keratinocyte proliferation and differentiation. <i>Journal of Cell Science</i> , 2007, 120, 917-917.	2.0	4
61	Cells brainwashed by FOXM1: do they have potential as biomarkers of cancer?. <i>Biomarkers in Medicine</i> , 2012, 6, 499-501.	1.4	4
62	Desensitization of pigment granule aggregation in <i>Xenopus leavis</i> melanophores: melatonin degradation rather than receptor down-regulation is responsible. <i>Journal of Neurochemistry</i> , 2002, 81, 719-727.	3.9	3
63	Behavioral and Gene Regulatory Responses to Developmental Drug Exposures in Zebrafish. <i>Frontiers in Psychiatry</i> , 2021, 12, 795175.	2.6	3
64	Initiation of Human Tumourigenesis: Upregulation of FOXM1 Transcription Factor. , 2012, , 149-154.		2