

# Kian Peng Koh

## List of Publications by Year in descending order

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17  
papers

8,595  
citations

623734

14  
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888059

17  
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17  
all docs

17  
docs citations

17  
times ranked

11381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of 5-Methylcytosine to 5-Hydroxymethylcytosine in Mammalian DNA by MLL Partner TET1. <i>Science</i> , 2009, 324, 930-935.	12.6	4,989
2	Impaired hydroxylation of 5-methylcytosine in myeloid cancers with mutant TET2. <i>Nature</i> , 2010, 468, 839-843.	27.8	1,160
3	Tet1 and Tet2 Regulate 5-Hydroxymethylcytosine Production and Cell Lineage Specification in Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2011, 8, 200-213.	11.1	697
4	Tumour hypoxia causes DNA hypermethylation by reducing TET activity. <i>Nature</i> , 2016, 537, 63-68.	27.8	521
5	Modulation of TET2 expression and 5-methylcytosine oxidation by the CXXC domain protein IDAX. <i>Nature</i> , 2013, 497, 122-126.	27.8	323
6	Patient-derived organoids from endometrial disease capture clinical heterogeneity and are amenable to drug screening. <i>Nature Cell Biology</i> , 2019, 21, 1041-1051.	10.3	281
7	T Lymphocyte-Endothelial Cell Interactions. <i>Annual Review of Immunology</i> , 2004, 22, 683-709.	21.8	179
8	Lineage-specific functions of TET1 in the postimplantation mouse embryo. <i>Nature Genetics</i> , 2017, 49, 1061-1072.	21.4	96
9	T cell-mediated vascular dysfunction of human allografts results from IFN- $\gamma$ dysregulation of NO synthase. <i>Journal of Clinical Investigation</i> , 2004, 114, 846-856.	8.2	90
10	DNA methylation and methylcytosine oxidation in cell fate decisions. <i>Current Opinion in Cell Biology</i> , 2013, 25, 152-161.	5.4	82
11	Domain Requirements and Sequence Specificity of DNA Binding for the Forkhead Transcription Factor FOXP3. <i>PLoS ONE</i> , 2009, 4, e8109.	2.5	54
12	Dynamic Switching of Active Promoter and Enhancer Domains Regulates <i>Tet1</i> and <i>Tet2</i> Expression during Cell State Transitions between Pluripotency and Differentiation. <i>Molecular and Cellular Biology</i> , 2015, 35, 1026-1042.	2.3	43
13	PDGFR $\alpha$ Cells in Embryonic Stem Cell Cultures Represent the In Vitro Equivalent of the Pre-implantation Primitive Endoderm Precursors. <i>Stem Cell Reports</i> , 2017, 8, 318-333.	4.8	26
14	Human Allograft Arterial Injury Is Ameliorated by Sirolimus and Cyclosporine and Correlates with Suppression of Interferon- $\gamma$ . <i>Transplantation</i> , 2006, 81, 559-566.	1.0	21
15	Wnt/ $\beta$ -Catenin Inhibition Disrupts Carboplatin Resistance in Isogenic Models of Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 705384.	2.8	17
16	Regulatory Dynamics of Tet1 and Oct4 Resolve Stages of Global DNA Demethylation and Transcriptomic Changes in Reprogramming. <i>Cell Reports</i> , 2020, 30, 2150-2169.e9.	6.4	9
17	Coordination of germ layer lineage choice by TET1 during primed pluripotency. <i>Genes and Development</i> , 2020, 34, 598-618.	5.9	7