

# Jun Okabe

## List of Publications by Year in descending order

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36  
papers

2,480  
citations

430874

18  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3885  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperglycemia Induces a Dynamic Cooperativity of Histone Methylase and Demethylase Enzymes Associated With Gene-Activating Epigenetic Marks That Coexist on the Lysine Tail. <i>Diabetes</i> , 2009, 58, 1229-1236.	0.6	468
2	NADPH Oxidase 1 Plays a Key Role in Diabetes Mellitusâ€“Accelerated Atherosclerosis. <i>Circulation</i> , 2013, 127, 1888-1902.	1.6	325
3	Genetic Targeting or Pharmacologic Inhibition of NADPH Oxidase Nox4 Provides Renoprotection in Long-Term Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1237-1254.	6.1	301
4	Epigenetic phenomena linked to diabetic complications. <i>Nature Reviews Endocrinology</i> , 2010, 6, 665-675.	9.6	202
5	Distinguishing Hyperglycemic Changes by Set7 in Vascular Endothelial Cells. <i>Circulation Research</i> , 2012, 110, 1067-1076.	4.5	147
6	Reactive Oxygen Species Can Provide Atheroprotection via NOX4-Dependent Inhibition of Inflammation and Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 295-307.	2.4	147
7	NADPH Oxidase Nox5 Accelerates Renal Injury in Diabetic Nephropathy. <i>Diabetes</i> , 2017, 66, 2691-2703.	0.6	119
8	Analysis of the IGF2/H19 imprinting control region uncovers new genetic defects, including mutations of OCT-binding sequences, in patients with 11p15 fetal growth disorders. <i>Human Molecular Genetics</i> , 2010, 19, 803-814.	2.9	106
9	Vascular histone deacetylation by pharmacological HDAC inhibition. <i>Genome Research</i> , 2014, 24, 1271-1284.	5.5	79
10	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by Î²-Glucan. <i>Cell Reports</i> , 2020, 31, 107548.	6.4	76
11	The primary microRNA-208b interacts with Polycomb-group protein, Ezh2, to regulate gene expression in the heart. <i>Nucleic Acids Research</i> , 2014, 42, 790-803.	14.5	57
12	Basic Peptides as Functional Components of Non-viral Gene Transfer Vehicles. <i>Current Protein and Peptide Science</i> , 2003, 4, 141-150.	1.4	43
13	Trichostatin A accentuates doxorubicin-induced hypertrophy in cardiac myocytes. <i>Aging</i> , 2010, 2, 659-668.	3.1	42
14	TRF1 is a critical trans-acting factor required for de novo telomere formation in human cells. <i>Human Molecular Genetics</i> , 2000, 9, 2639-2650.	2.9	33
15	Ubiquitinâ€“specific protease 2â€“9 in macrophages potentially modulates metainflammation. <i>FASEB Journal</i> , 2013, 27, 4940-4953.	0.5	31
16	Deep sequencing reveals novel Set7 networks. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4471-4486.	5.4	26
17	Gene transfer vectors based on Sendai virus. <i>Journal of Controlled Release</i> , 1998, 54, 61-68.	9.9	24
18	Ubiquitin-Specific Protease 2 Modulates the Lipopolysaccharide-Elicited Expression of Proinflammatory Cytokines in Macrophage-like HL-60 Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-15.	3.0	23

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19	Systems approach to the pharmacological actions of HDAC inhibitors reveals EP300 activities and convergent mechanisms of regulation in diabetes. <i>Epigenetics</i> , 2017, 12, 991-1003.	2.7	20
20	Valproic acid influences the expression of genes implicated with hyperglycaemia-induced complement and coagulation pathways. <i>Scientific Reports</i> , 2021, 11, 2163.	3.3	18
21	Gene delivery systems using the Sendai virus. <i>Molecular Membrane Biology</i> , 1999, 16, 123-127.	2.0	17
22	Pharmacological inhibition of arginine and lysine methyltransferases induces nuclear abnormalities and suppresses angiogenesis in human endothelial cells. <i>Biochemical Pharmacology</i> , 2016, 121, 18-32.	4.4	17
23	NET silencing by let-7i in postural tachycardia syndrome. <i>JCI Insight</i> , 2017, 2, e90183.	5.0	17
24	Reply to "Testing for association between MeCP2 and the brahma-associated SWI/SNF chromatin-remodeling complex". <i>Nature Genetics</i> , 2006, 38, 964-967.	21.4	16
25	Set7 mediated interactions regulate transcriptional networks in embryonic stem cells. <i>Nucleic Acids Research</i> , 2016, 44, gkw621.	14.5	15
26	Limited capacity of the nuclear matrix to bind telomere repeat binding factor TRF1 may restrict the proliferation of mortal human fibroblasts. <i>Human Molecular Genetics</i> , 2003, 13, 285-293.	2.9	14
27	SAHA attenuates Takotsubo-like myocardial injury by targeting an epigenetic Ac/Dc axis. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 159.	17.1	14
28	Identification and Characterization of Cell Lines with a Defect in a Post-adsorption Stage of Sendai Virus-mediated Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2000, 275, 17549-17555.	3.4	13
29	Epigenetic evidence of an Ac/Dc axis by VPA and SAHA. <i>Clinical Epigenetics</i> , 2021, 13, 58.	4.1	13
30	Branched-chain amino acids and l-carnitine attenuate lipotoxic hepatocellular damage in rat cirrhotic liver. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111181.	5.6	12
31	Macrophage ubiquitin-specific protease 2 contributes to motility, hyperactivation, capacitation, and in vitro fertilization activity of mouse sperm. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2929-2948.	5.4	11
32	Endothelial Transcriptome in Response to Pharmacological Methyltransferase Inhibition. <i>ChemMedChem</i> , 2014, 9, 1755-1762.	3.2	8
33	Sex-Based Mhrt Methylation Chromatinizes MeCP2 in the Heart. <i>IScience</i> , 2019, 17, 288-301.	4.1	8
34	Sendai Virus-Mediated Gene Delivery into Hepatocytes via Isolated Hepatic Perfusion. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1728-1734.	1.4	7
35	Targeting Treatment Refractory <i>NET</i> by EZH2 Inhibition in Postural Tachycardia Syndrome. <i>Circulation Research</i> , 2020, 126, 1058-1060.	4.5	5
36	Current perspectives in Set7 mediated stem cell differentiation. <i>Non-coding RNA</i> , 2016, 2, 14.	2.6	2