

# Byung S Park

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

3,353  
citations

279798

23  
h-index

276875

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

5073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria are a direct site of A $\beta$ accumulation in Alzheimer's disease neurons: implications for free radical generation and oxidative damage in disease progression. <i>Human Molecular Genetics</i> , 2006, 15, 1437-1449.	2.9	996
2	Differential Expression of Oxidative Phosphorylation Genes in Patients With Alzheimer's Disease: Implications for Early Mitochondrial Dysfunction and Oxidative Damage. <i>NeuroMolecular Medicine</i> , 2004, 5, 147-162.	3.4	361
3	Differential loss of synaptic proteins in Alzheimer's disease: Implications for synaptic dysfunction. <i>Journal of Alzheimer's Disease</i> , 2005, 7, 103-117.	2.6	328
4	Gene expression profiles of transcripts in amyloid precursor protein transgenic mice: up-regulation of mitochondrial metabolism and apoptotic genes is an early cellular change in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2004, 13, 1225-1240.	2.9	309
5	Time-course of mitochondrial gene expressions in mice brains: implications for mitochondrial dysfunction, oxidative damage, and cytochrome c in aging. <i>Journal of Neurochemistry</i> , 2005, 92, 494-504.	3.9	186
6	CCR5 inhibition in critical COVID-19 patients decreases inflammatory cytokines, increases CD8 T-cells, and decreases SARS-CoV2 RNA in plasma by day 14. <i>International Journal of Infectious Diseases</i> , 2021, 103, 25-32.	3.3	105
7	Neoadjuvant Selicrelumab, an Agonist CD40 Antibody, Induces Changes in the Tumor Microenvironment in Patients with Resectable Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4574-4586.	7.0	82
8	Leukocyte Heterogeneity in Pancreatic Ductal Adenocarcinoma: Phenotypic and Spatial Features Associated with Clinical Outcome. <i>Cancer Discovery</i> , 2021, 11, 2014-2031.	9.4	79
9	The human IL-15 superagonist ALT-803 directs SIV-specific CD8+ T cells into B-cell follicles. <i>Blood Advances</i> , 2018, 2, 76-84.	5.2	78
10	Using Modafinil to Treat Fatigue in Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2009, 32, 305-310.	0.7	72
11	Achieving Potent Autologous Neutralizing Antibody Responses against Tier 2 HIV-1 Viruses by Strategic Selection of Envelope Immunogens. <i>Journal of Immunology</i> , 2016, 196, 3064-3078.	0.8	56
12	The Role of MHC-E in T Cell Immunity Is Conserved among Humans, Rhesus Macaques, and Cynomolgus Macaques. <i>Journal of Immunology</i> , 2018, 200, 49-60.	0.8	54
13	Dysregulated TGF- $\beta$ 2 Production Underlies the Age-Related Vulnerability to Chikungunya Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005891.	4.7	48
14	Effect of Anti-IL-15 Administration on T Cell and NK Cell Homeostasis in Rhesus Macaques. <i>Journal of Immunology</i> , 2016, 197, 1183-1198.	0.8	46
15	Effect of IL-7 Therapy on Naive and Memory T Cell Homeostasis in Aged Rhesus Macaques. <i>Journal of Immunology</i> , 2015, 195, 4292-4305.	0.8	45
16	Anti-Allergic hormone is a survival factor and promotes the growth of rhesus macaque preantral follicles during matrix-free culture. <i>Biology of Reproduction</i> , 2018, 98, 197-207.	2.7	39
17	Improvement of antibody responses by HIV envelope DNA and protein co-immunization. <i>Vaccine</i> , 2014, 32, 507-513.	3.8	35
18	Cross-Species Rhesus Cytomegalovirus Infection of Cynomolgus Macaques. <i>PLoS Pathogens</i> , 2016, 12, e1006014.	4.7	35

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19	Effect of Ovarian Hormone Therapy on Cognition in the Aged Female Rhesus Macaque. <i>Journal of Neuroscience</i> , 2016, 36, 10416-10424.	3.6	35
20	Therapeutic Rescue of Misfolded Mutants: Validation of Primary High Throughput Screens for Identification of Pharmacoperone Drugs. <i>PLoS ONE</i> , 2011, 6, e22784.	2.5	32
21	Effects of a Dopamine Agonist on the Pharmacodynamics of Levodopa in Parkinson Disease. <i>Archives of Neurology</i> , 2010, 67, 27-32.	4.5	29
22	Oral Vitamin C (500 mg/d) to Pregnant Smokers Improves Infant Airway Function at 3 Months (VCSIP). A Randomized Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1139-1147.	5.6	29
23	Naive T cells are dispensable for memory CD4+ T cell homeostasis in progressive simian immunodeficiency virus infection. <i>Journal of Experimental Medicine</i> , 2012, 209, 641-651.	8.5	26
24	Direct TLR-2 Costimulation Unmasks the Proinflammatory Potential of Neonatal CD4+ T Cells. <i>Journal of Immunology</i> , 2016, 197, 68-77.	0.8	26
25	Anti-Müllerian hormone is produced heterogeneously in primate preantral follicles and is a potential biomarker for follicle growth and oocyte maturation in vitro. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1665-1675.	2.5	23
26	The Chronic Lymphocytic Leukemia Comorbidity Index (CLL-CI): A Three-Factor Comorbidity Model. <i>Clinical Cancer Research</i> , 2021, 27, 4814-4824.	7.0	23
27	Acetylcholine receptor and behavioral deficits in mice lacking apolipoprotein E. <i>Neurobiology of Aging</i> , 2011, 32, 75-84.	3.1	20
28	Influence of mood state on capacity to consent to research in patients with bipolar disorder. <i>Bipolar Disorders</i> , 2008, 10, 303-309.	1.9	18
29	Mitochondrial DNA deletions and differential mitochondrial DNA content in Rhesus monkeys: Implications for aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 111-119.	3.8	18
30	Long-lasting effect of obesity on skeletal muscle transcriptome. <i>BMC Genomics</i> , 2017, 18, 411.	2.8	17
31	Vitamin C to pregnant smokers persistently improves infant airway function to 12 months of age: a randomised trial. <i>European Respiratory Journal</i> , 2020, 56, 1902208.	6.7	17
32	Long-term effects of neonatal methamphetamine exposure on cognitive function in adolescent mice. <i>Behavioural Brain Research</i> , 2011, 219, 159-164.	2.2	16
33	Measurement of Blood Volume in Adult Rhesus Macaques ( <i>Macaca mulatta</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , 2015, 54, 687-93.	1.2	14
34	Stage-specific modulation of anti-Müllerian hormone promotes primate follicular development and oocyte maturation in the matrix-free three-dimensional culture. <i>Fertility and Sterility</i> , 2018, 110, 1162-1172.	1.0	12
35	Methamphetamine exposure during brain development alters the brain acetylcholine system in adolescent mice. <i>Journal of Neurochemistry</i> , 2011, 119, 89-99.	3.9	11
36	Balancing false discovery and false negative rates in selection of differentially expressed genes in microarrays. <i>Open Access Bioinformatics</i> , 2010, 2010, 1.	0.9	8

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37	Role of IL-15 Signaling in the Pathogenesis of Simian Immunodeficiency Virus Infection in Rhesus Macaques. <i>Journal of Immunology</i> , 2019, 203, 2928-2943.	0.8	8
38	Polygenic Breast Cancer Risk for Women Veterans in the Million Veteran Program. <i>JCO Precision Oncology</i> , 2021, 5, 1178-1191.	3.0	6
39	Vaccine-Mediated Inhibition of the Transporter Associated with Antigen Processing Is Insufficient To Induce Major Histocompatibility Complex E-Restricted CD8 <sup>+</sup> T Cells in Nonhuman Primates. <i>Journal of Virology</i> , 2019, 93, .	3.4	5
40	Body Mass Index in COPD Mortality. <i>Chest</i> , 2008, 133, 318-319.	0.8	4
41	Stage-dependent actions of antimüllerian hormone in regulating granulosa cell proliferation and follicular function in the primate ovary. <i>F&amp;S Science</i> , 2020, 1, 161-171.	0.9	2
42	Abstract CT005: T cell inflammation in the tumor microenvironment after agonist CD40 antibody: Clinical and translational results of a neoadjuvant clinical trial. , 2021, , .		0