

# Chawon Yun

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,479  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2754  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperelastic "bone": A highly versatile, growth factor-free, osteoregenerative, scalable, and surgically friendly biomaterial. <i>Science Translational Medicine</i> , 2016, 8, 358ra127.	12.4	300
2	An NLRP7-Containing Inflammasome Mediates Recognition of Microbial Lipopeptides in Human Macrophages. <i>Immunity</i> , 2012, 36, 464-476.	14.3	288
3	Sulfated glycopeptide nanostructures for multipotent protein activation. <i>Nature Nanotechnology</i> , 2017, 12, 821-829.	31.5	148
4	Differential splicing of the apoptosis-associated speck like protein containing a caspase recruitment domain (ASC) regulates inflammasomes. <i>Journal of Inflammation</i> , 2010, 7, 23.	3.4	99
5	Nucleolar protein B23/nucleophosmin regulates the vertebrate SUMO pathway through SENP3 and SENP5 proteases. <i>Journal of Cell Biology</i> , 2008, 183, 589-595.	5.2	96
6	NF- $\kappa$ B activation by hepatitis B virus X (HBx) protein shifts the cellular fate toward survival. <i>Cancer Letters</i> , 2002, 184, 97-104.	7.2	72
7	Expression of hepatitis B virus X protein is closely correlated with the high periportal inflammatory activity of liver diseases. <i>Journal of Viral Hepatitis</i> , 2001, 8, 322-330.	2.0	60
8	Chemotherapeutic drug, adriamycin, restores the function of p53 protein in hepatitis B virus X (HBx) protein-expressing liver cells. <i>Oncogene</i> , 2000, 19, 5163-5172.	5.9	39
9	Centrosome amplification and multinuclear phenotypes are induced by hydrogen peroxide. <i>Experimental and Molecular Medicine</i> , 2005, 37, 482-487.	7.7	39
10	The effect of vancomycin powder on bone healing in a rat spinal rhBMP-2 model. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 147-153.	1.7	36
11	3D-Printed Ceramic-Demineralized Bone Matrix Hyperelastic Bone Composite Scaffolds for Spinal Fusion. <i>Tissue Engineering - Part A</i> , 2020, 26, 157-166.	3.1	33
12	The Histone Acetyltransferase Gcn5 Positively Regulates T Cell Activation. <i>Journal of Immunology</i> , 2017, 198, 3927-3938.	0.8	32
13	The Lysine Acetyltransferase GCN5 Is Required for iNKT Cell Development through EGR2 Acetylation. <i>Cell Reports</i> , 2017, 20, 600-612.	6.4	30
14	Reactive oxygen species modulates the intracellular level of HBx viral oncoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 32-39.	2.1	27
15	Environmental Factors Impacting Bone-Relevant Chemokines. <i>Frontiers in Endocrinology</i> , 2017, 8, 22.	3.5	24
16	Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1003-1010.	3.0	22
17	Influence of Geometry and Architecture on the <i>In Vivo</i> Success of 3D-Printed Scaffolds for Spinal Fusion. <i>Tissue Engineering - Part A</i> , 2021, 27, 26-36.	3.1	22
18	Osteoinductivity and biomechanical assessment of a 3D printed demineralized bone matrix-ceramic composite in a rat spine fusion model. <i>Acta Biomaterialia</i> , 2021, 127, 146-158.	8.3	18

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19	Mechanistic insight into the effects of Aryl Hydrocarbon Receptor activation on osteogenic differentiation. <i>Bone Reports</i> , 2017, 6, 51-59.	0.4	15
20	Aryl Hydrocarbon Receptor Antagonists Mitigate the Effects of Dioxin on Critical Cellular Functions in Differentiating Human Osteoblast-Like Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 225.	4.1	15
21	Characterization and Gene Cloning of Monoclonal Antibody Specific for the Hepatitis B Virus X Protein. <i>Hybridoma</i> , 2000, 19, 73-80.	0.6	13
22	Expression of hepatitis B virus X (HBx) gene is up-regulated by adriamycin at the post-transcriptional level. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1157-1163.	2.1	11
23	Reactivation of p53 in cells expressing hepatitis B virus X-protein involves p53 phosphorylation and a reduction of Hdm2. <i>Cancer Science</i> , 2008, 99, 888-893.	3.9	10
24	Preclinical Safety of a 3D-Printed Hydroxyapatite-Demineralized Bone Matrix Scaffold for Spinal Fusion. <i>Spine</i> , 2022, 47, 82-89.	2.0	10
25	Mixture of N-carbamoyl-L-glutamate plus L-arginine can protect rats with liver cirrhosis from acute ammonia intoxication. <i>Journal of Hepatology</i> , 2001, 35, 719-725.	3.7	6
26	Ovariectomy-Induced Osteoporosis Does Not Impact Fusion Rates in a Recombinant Human Bone Morphogenetic Protein-2-Dependent Rat Posterolateral Arthrodesis Model. <i>Global Spine Journal</i> , 2016, 6, 60-68.	2.3	5
27	Effect of recombinant human bone morphogenetic protein-2 on a novel lung cancer spine metastasis model in rodents. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1274-1281.	2.3	4
28	Effect of Postoperative Analgesic Exposure to the Cannabinoid Receptor Agonist WIN55 on Osteogenic Differentiation and Spinal Fusion in Rats. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 984-991.	3.0	4
29	The effect of local steroid application on bony fusion in a rat posterolateral spinal arthrodesis model. <i>JOR Spine</i> , 2021, 4, e1177.	3.2	1
30	Characterizing the host response to rhPDGF- $\beta$ in a rat spinal arthrodesis model. <i>JOR Spine</i> , 2021, 4, e1173.	3.2	0