Rajeev Aurora

List of Publications by Year
in descending order

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Version: 2024-02-01

56 papers	3,927 citations	159585 30 h-index	168389 53 g-index
56 all docs	56 docs citations	56 times ranked	4783 citing authors

#	Article	IF	Citations
1	Cervicovaginal microbiome in twin versus singleton gestations. American Journal of Obstetrics & Gynecology MFM, 2022, , 100579.	2.6	1
2	T-Cell Mediated Inflammation in Postmenopausal Osteoporosis. Frontiers in Immunology, 2021, 12, 687551.	4.8	59
3	Ovariectomy Activates Chronic Lowâ€Grade Inflammation Mediated by Memory T Cells, Which Promotes Osteoporosis in Mice. Journal of Bone and Mineral Research, 2020, 35, 1174-1187.	2.8	50
4	Conditional Activation of NF-Î¹B Inducing Kinase (NIK) in the Osteolineage Enhances Both Basal and Loading-Induced Bone Formation. Journal of Bone and Mineral Research, 2019, 34, 2087-2100.	2.8	9
5	Confounding factors in the effect of gut microbiota on bone density. Rheumatology, 2019, 58, 2089-2090.	1.9	3
6	Rapid hepatitis C virus clearance by antivirals correlates with immune status of infected patients. Journal of Medical Virology, 2019, 91, 411-418.	5.0	19
7	Pharmacogenomics: What the Doctor Ordered?. Missouri Medicine, 2019, 116, 217-225.	0.3	1
8	Bitter Melon Prevents the Development of 4-NQOâ€“Induced Oral Squamous Cell Carcinoma in an Immunocompetent Mouse Model by Modulating Immune Signaling. Cancer Prevention Research, 2018, 11, 191-202.	1.5	35
9	A Systematic Review of the Sinonasal Microbiome in Chronic Rhinosinusitis. American Journal of Rhinology and Allergy, 2016, 30, 161-166.	2.0	39
10	Osteoclast-Primed Foxp3+ CD8 T Cells Induce T-bet, Eomesodermin, and IFN-Î³ To Regulate Bone Resorption. Journal of Immunology, 2016, 197, 726-735.	0.8	28
11	Pulsed low-dose RANKL as a potential therapeutic for postmenopausal osteoporosis. JCI Insight, 2016, 1, .	5.0	11
12	The lysosomal enzyme receptor protein (LERP) is not essential, but is implicated in lysosomal function in Drosophila melanogaster. Biology Open, 2015, 4, 1316-1325.	1.2	17
13	A Bone Anabolic Effect of RANKL in a Murine Model of Osteoporosis Mediated Through FoxP3+ CD8 T Cells. Journal of Bone and Mineral Research, 2015, 30, 1508-1522.	2.8	27
14	Identification of glutathione adducts of Î±-chlorofatty aldehydes produced in activated neutrophils. Journal of Lipid Research, 2015, 56, 1014-1024.	4.2	27
15	Transcriptome sequencing and development of an expression microarray platform for liver infection in adenovirus type 5-infected Syrian golden hamsters. Virology, 2015, 485, 305-312.	2.4	20
16	Host Microbiota Contributes to Health and Response to Disease. Missouri Medicine, 2015, 112, 317-22.	0.3	0
17	Patients with Pediatric Obstructive Sleep Apnea Show Altered Tâ€Cell Populations with a Dominant T_H17ÂProfile. Otolaryngology - Head and Neck Surgery, 2014, 150, 880-886.	1.9	20
18	Osteoclast-induced Foxp3+ CD8 T-cells limit bone loss in mice. Bone, 2013, 56, 163-173.	2.9	44

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19	Contrasting the Microbiomes From Healthy Volunteers and Patients With Chronic Rhinosinusitis. JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 1328.	2.2	139
20	Control of Cellular Bcl-xL Levels by Deamidation-Regulated Degradation. PLoS Biology, 2013, 11, e1001588.	5.6	36
21	The Hepatitis B Virus Ribonuclease H Is Sensitive to Inhibitors of the Human Immunodeficiency Virus Ribonuclease H and Integrase Enzymes. PLoS Pathogens, 2013, 9, e1003125.	4.7	96
22	Type I Phosphotidylinosotol 4-Phosphate 5-Kinase Î³ Regulates Osteoclasts in a Bifunctional Manner*. Journal of Biological Chemistry, 2013, 288, 5268-5277.	3.4	6
23	Osteoclasts and CD8 T Cells Form a Negative Feedback Loop That Contributes to Homeostasis of Both the Skeletal and Immune Systems. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	19
24	Global Transcriptome Profile of Cryptococcus neoformans during Exposure to Hydrogen Peroxide Induced Oxidative Stress. PLoS ONE, 2013, 8, e55110.	2.5	61
25	Genome-Wide Networks of Amino Acid Covariances Are Common among Viruses. Journal of Virology, 2012, 86, 3050-3063.	3.4	17
26	Osteoclast Activated FoxP3+ CD8+ T-Cells Suppress Bone Resorption in vitro. PLoS ONE, 2012, 7, e38199.	2.5	66
27	Prospects for personalizing antiviral therapy for hepatitis C virus with pharmacogenetics. Genome Medicine, 2011, 3, 8.	8.2	10
28	Variation in chromosome copy number influences the virulence of Cryptococcus neoformans and occurs in isolates from AIDS patients. BMC Genomics, 2011, 12, 526.	2.8	62
29	Modulators of cancer cell invasiveness. Journal of Cellular Biochemistry, 2010, 111, 791-796.	2.6	9
30	Contribution of Genome-Wide HCV Genetic Differences to Outcome of Interferon-Based Therapy in Caucasian American and African American Patients. PLoS ONE, 2010, 5, e9032.	2.5	34
31	Cross-Presentation by Osteoclasts Induces FoxP3 in CD8+ T Cells. Journal of Immunology, 2009, 182, 5477-5487.	0.8	92
32	A Systems-Level Analysis of the Effects of Light Quality on the Metabolism of a Cyanobacterium Â Â. Plant Physiology, 2009, 151, 1596-1608.	4.8	66
33	Mitochondrial DNA Mutations May Contribute to Aging Via Cell Death Caused by Peptides that Induce CytochromecRelease. Rejuvenation Research, 2008, 11, 611-619.	1.8	17
34	The genome of Cyanothece 51142, a unicellular diazotrophic cyanobacterium important in the marine nitrogen cycle. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15094-15099.	7.1	144
35	Global transcriptomic analysis ofCyanothece51142 reveals robust diurnal oscillation of central metabolic processes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6156-6161.	7.1	162
36	Genome-wide hepatitis C virus amino acid covariance networks can predict response to antiviral therapy in humans. Journal of Clinical Investigation, 2008, 119, 225-36.	8.2	76

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37	Integration of Carbon and Nitrogen Metabolism with Energy Production Is Crucial to Light Acclimation in the CyanobacteriumSynechocystisÂ Â. Plant Physiology, 2008, 148, 467-478.	4.8	83
38	Hepatitis C Virus Diversity and Evolution in the Full Open-Reading Frame during Antiviral Therapy. PLoS ONE, 2008, 3, e2123.	2.5	45
39	Pretreatment Sequence Diversity Differences in the Full-Length Hepatitis C Virus Open Reading Frame Correlate with Early Response to Therapy. Journal of Virology, 2007, 81, 8211-8224.	3.4	106
40	A Network of Genes Regulated by Light in Cyanobacteria. OMICS A Journal of Integrative Biology, 2007, 11, 166-185.	2.0	12
41	Systems level analysis of osteoclastogenesis reveals intrinsic and extrinsic regulatory interactions. Developmental Dynamics, 2007, 236, 2181-2197.	1.8	26
42	Critical Roles of Bacterioferritins in Iron Storage and Proliferation of Cyanobacteria. Plant Physiology, 2004, 135, 1666-1673.	4.8	149
43	Manganese transport and its regulation in bacteria. Biochemical Society Transactions, 2002, 30, 768-771.	3.4	7
44	Hydrophobic Interactions at the Ccap Position of the C-capping Motif of Î±-Helices. Journal of Molecular Biology, 2002, 322, 123-135.	4.2	41
45	A protein taxonomy based on secondary structure. Nature Structural Biology, 1999, 6, 672-682.	9.7	105
46	Identifying two ancient enzymes in Archaea using predicted secondary structure alignment. Nature Structural Biology, 1999, 6, 750-754.	9.7	42
47	From reductionist to constructionist, but only if we integrate. Trends in Biotechnology, 1999, 17, 37-39.	9.3	3
48	Helix capping. Protein Science, 1998, 7, 21-38.	7.6	674
49	Seeking an ancient enzyme in Methanococcus jannaschii using ORF, a program based on predicted secondary structure comparisons. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2818-2823.	7.1	44
50	Local Interactions in Protein Folding: Lessons from the Î±-Helix. Journal of Biological Chemistry, 1997, 272, 1413-1416.	3.4	136
51	1996 Johns Hopkins protein folding meeting. Proteins: Structure, Function and Bioinformatics, 1996, 25, i-iv.	2.6	3
52	Response : Possible Exceptions to Rules for Î±-Helix Termination by Glycine. Science, 1995, 269, 1451-1452.	12.6	0
53	Crystal structure of the Oct-1 POU domain bound to an octamer site: DNA recognition with tethered DNA-binding modules. Cell, 1994, 77, 21-32.	28.9	496
54	Rules for alpha-helix termination by glycine. Science, 1994, 264, 1126-1130.	12.6	288

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55	The solution structure of the Oct-1 POU-specific domain reveals a striking similarity to the bacteriophage Î» repressor DNA-binding domain. Cell, 1993, 73, 193-205.	28.9	144
56	Osteoporosis: A Multifactorial Disease. , 0, , .		1