Vishal Koparde

List of Publications by Year
in descending order

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25 papers	1,688 citations	566801 15 h-index	580395 25 g-index
30 all docs	30 docs citations	30 times ranked	2401 citing authors

#	Article	IF	Citations
1	Ubiquitination of MHC Class II by March-I Regulates Dendritic Cell Fitness. Journal of Immunology, 2021, 206, 494-504.	0.4	7
2	Unique roles of vaginal Megasphaera phylotypes in reproductive health. Microbial Genomics, 2021, 7, .	1.0	6
3	Loss of myeloidâ€specific lamin A/C drives lung metastasis through Gfiâ€1 and C/EBPÎµâ€mediated granulocytic differentiation. Molecular Carcinogenesis, 2020, 59, 679-690.	1.3	3
4	The vaginal microbiome and preterm birth. Nature Medicine, 2019, 25, 1012-1021.	15.2	600
5	Racioethnic diversity in the dynamics of the vaginal microbiome during pregnancy. Nature Medicine, 2019, 25, 1001-1011.	15.2	204
6	Single Chromosome Aneuploidy Induces Genome-Wide Perturbation of Nuclear Organization and Gene Expression. Neoplasia, 2019, 21, 401-412.	2.3	19
7	Multi-omic Microbiome Profiles in the Female Reproductive Tract in Early Pregnancy. Infectious Microbes & Diseases, 2019, 1, 49-60.	0.5	9
8	Head and neck squamous cancer progression is marked by CLIC4 attenuation in tumor epithelium and reciprocal stromal upregulation of miR-142-3p, a novel post-transcriptional regulator of CLIC4. Oncotarget, 2019, 10, 7251-7275.	0.8	8
9	Rbfox1 up-regulation impairs BDNF-dependent hippocampal LTP by dysregulating TrkB isoform expression levels. ELife, 2019, 8, .	2.8	35
10	ONC201 kills breast cancer cellsin vitroby targeting mitochondria. Oncotarget, 2018, 9, 18454-18479.	0.8	77
11	Discovery of Kaposiâ€™s sarcoma herpesvirus-encoded circular RNAs and a human antiviral circular RNA. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12805-12810.	3.3	144
12	Determining the Quantitative Principles of T Cell Response to Antigenic Disparity in Stem Cell Transplantation. Frontiers in Immunology, 2018, 9, 2284.	2.2	11
13	Sequence homology between HLA-bound cytomegalovirus and human peptides: A potential trigger for alloreactivity. PLoS ONE, 2017, 12, e0178763.	1.1	19
14	Dynamical system modeling to simulate donor T cell response to whole exome sequencing-derived recipient peptides: Understanding randomness in alloreactivity incidence following stem cell transplantation. PLoS ONE, 2017, 12, e0187771.	1.1	41
15	Dynamical System Modeling to Simulate Donor T Cell Response to Whole Exome Sequencing-Derived Recipient Peptides Demonstrates Different Alloreactivity Potential in HLA-Matched and -Mismatched Donorâ€“Recipient Pairs. Biology of Blood and Marrow Transplantation, 2016, 22, 850-861.	2.0	29
16	3d interaction homology: The structurally known rotamers of tyrosine derive from a surprisingly limited set of information-rich hydropathic interaction environments described by maps. Proteins: Structure, Function and Bioinformatics, 2015, 83, 1118-1136.	1.5	10
17	Stem Cell Transplantation as a Dynamical System: Are Clinical Outcomes Deterministic?. Frontiers in Immunology, 2014, 5, 613.	2.2	25
18	In silico Derivation of HLA-Specific Alloreactivity Potential from Whole Exome Sequencing of Stem-Cell Transplant Donors and Recipients: Understanding the Quantitative Immunobiology of Allogeneic Transplantation. Frontiers in Immunology, 2014, 5, 529.	2.2	48

#	Article	IF	Citations
19	In Silico Derivation of HLA-Specific Alloreactivity Potential from Whole Exome Sequencing of Stem Cell Transplant Donor-Recipient Pairs. Biology of Blood and Marrow Transplantation, 2014, 20, S269-S270.	2.0	1
20	BOTUX: Bayesian-like operational taxonomic unit examiner. International Journal of Computational Biology and Drug Design, 2014, 7, 130.	0.3	1
21	Applying an Empirical Hydropathic Forcefield in Refinement May Improve Low-Resolution Protein X-Ray Crystal Structures. PLoS ONE, 2011, 6, e15920.	1.1	13
22	Sintering of titanium dioxide nanoparticles: a comparison between molecular dynamics and phenomenological modeling. Journal of Nanoparticle Research, 2008, 10, 1169-1182.	0.8	49
23	Phase Transformations during Sintering of Titania Nanoparticles. ACS Nano, 2008, 2, 1620-1624.	7.3	96
24	Molecular Dynamics Study of Water Adsorption on TiO2Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 6920-6926.	1.5	84
25	Molecular Dynamics Simulation of Titanium Dioxide Nanoparticle Sintering. Journal of Physical Chemistry B, 2005, 109, 24280-24287.	1.2	141