

Vishal Koparde

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,688
citations

567144

15
h-index

580701

25
g-index

30
all docs

30
docs citations

30
times ranked

2401
citing authors

#	ARTICLE	IF	CITATIONS
1	The vaginal microbiome and preterm birth. <i>Nature Medicine</i> , 2019, 25, 1012-1021.	15.2	600
2	Racioethnic diversity in the dynamics of the vaginal microbiome during pregnancy. <i>Nature Medicine</i> , 2019, 25, 1001-1011.	15.2	204
3	Discovery of Kaposi's sarcoma herpesvirus-encoded circular RNAs and a human antiviral circular RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12805-12810.	3.3	144
4	Molecular Dynamics Simulation of Titanium Dioxide Nanoparticle Sintering. <i>Journal of Physical Chemistry B</i> , 2005, 109, 24280-24287.	1.2	141
5	Phase Transformations during Sintering of Titania Nanoparticles. <i>ACS Nano</i> , 2008, 2, 1620-1624.	7.3	96
6	Molecular Dynamics Study of Water Adsorption on TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007, 111, 6920-6926.	1.5	84
7	ONC201 kills breast cancer cells <i>in vitro</i> by targeting mitochondria. <i>Oncotarget</i> , 2018, 9, 18454-18479.	0.8	77
8	Sintering of titanium dioxide nanoparticles: a comparison between molecular dynamics and phenomenological modeling. <i>Journal of Nanoparticle Research</i> , 2008, 10, 1169-1182.	0.8	49
9	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. <i>Frontiers in Immunology</i> , 2014, 5, 529.	2.2	48
10	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. <i>PLoS ONE</i> , 2017, 12, e0187771.	1.1	41
11	Rbfox1 up-regulation impairs BDNF-dependent hippocampal LTP by dysregulating TrkB isoform expression levels. <i>ELife</i> , 2019, 8, .	2.8	35
12	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 Donor-Recipient Pairs. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 850-861.	2.0	29
13	Stem Cell Transplantation as a Dynamical System: Are Clinical Outcomes Deterministic?. <i>Frontiers in Immunology</i> , 2014, 5, 613.	2.2	25
14	Sequence homology between HLA-bound cytomegalovirus and human peptides: A potential trigger for alloreactivity. <i>PLoS ONE</i> , 2017, 12, e0178763.	1.1	19
15	Single Chromosome Aneuploidy Induces Genome-Wide Perturbation of Nuclear Organization and Gene Expression. <i>Neoplasia</i> , 2019, 21, 401-412.	2.3	19
16	Applying an Empirical Hydropathic Forcefield in Refinement May Improve Low-Resolution Protein X-Ray Crystal Structures. <i>PLoS ONE</i> , 2011, 6, e15920.	1.1	13
17	Determining the Quantitative Principles of T Cell Response to Antigenic Disparity in Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2018, 9, 2284.	2.2	11
18	3d interaction homology: The structurally known rotamers of tyrosine derive from a surprisingly limited set of information-rich hydropathic interaction environments described by maps. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 1118-1136.	1.5	10

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19	Multi-omic Microbiome Profiles in the Female Reproductive Tract in Early Pregnancy. <i>Infectious Microbes & Diseases</i> , 2019, 1, 49-60.	0.5	9
20	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. <i>Oncotarget</i> , 2019, 10, 7251-7275.	0.8	8
21	Ubiquitination of MHC Class II by March-I Regulates Dendritic Cell Fitness. <i>Journal of Immunology</i> , 2021, 206, 494-504.	0.4	7
22	Unique roles of vaginal <i>Megasphaera</i> phylotypes in reproductive health. <i>Microbial Genomics</i> , 2021, 7, .	1.0	6
23	Loss of myeloid-specific lamin A/C drives lung metastasis through Gfi1 and C/EBP β -mediated granulocytic differentiation. <i>Molecular Carcinogenesis</i> , 2020, 59, 679-690.	1.3	3
24	In Silico Derivation of HLA-Specific Alloreactivity Potential from Whole Exome Sequencing of Stem Cell Transplant Donor-Recipient Pairs. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, S269-S270.	2.0	1
25	BOTUX: Bayesian-like operational taxonomic unit examiner. <i>International Journal of Computational Biology and Drug Design</i> , 2014, 7, 130.	0.3	1