Myvizhi Esai Selvan

List of Publications by Year
in descending order

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30 papers	2,792 citations	430874 18 h-index	526287 27 g-index
35 all docs	35 docs citations	35 times ranked	7062 citing authors

#	Article	IF	Citations
1	Germline Pathogenic Variants Impact Clinicopathology of Advanced Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1450-1459.	2.5	10
2	Functional Common and Rare ERBB2 Germline Variants Cooperate in Familial and Sporadic Cancer Susceptibility. Cancer Prevention Research, 2021, 14, 441-454.	1.5	0
3	Generation of TRAIL-resistant cell line models reveals distinct adaptive mechanisms for acquired resistance and re-sensitization. Oncogene, 2021, 40, 3201-3216.	5.9	5
4	A proteogenomic portrait of lung squamous cell carcinoma. Cell, 2021, 184, 4348-4371.e40.	28.9	170
5	Inherited Rare, Deleterious Variants in ATM Increase Lung Adenocarcinoma Risk. Journal of Thoracic Oncology, 2020, 15, 1871-1879.	1.1	24
6	Immunology of COVID-19: Current State of the Science. Immunity, 2020, 52, 910-941.	14.3	1,387
7	Risk factors for death from COVID-19. Nature Reviews Immunology, 2020, 20, 407-407.	22.7	52
8	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. Cell, 2020, 182, 200-225.e35.	28.9	410
9	ImmuneRegulation: a web-based tool for identifying human immune regulatory elements. Nucleic Acids Research, 2019, 47, W142-W150.	14.5	4
10	Identification of SERPINE1 as a Regulator of Glioblastoma Cell Dispersal with Transcriptome Profiling. Cancers, 2019, 11, 1651.	3.7	43
11	Rare, Pathogenic Germline Variants in Fanconi Anemia Genes Increase Risk for Squamous Lung Cancer. Clinical Cancer Research, 2019, 25, 1517-1525.	7.0	31
12	Ancestral reconstruction reveals mechanisms of ERK regulatory evolution. ELife, 2019, 8, .	6.0	24
13	Abstract 1572: Inherited truncatingRAD52variant discovered using integrated germline- somatic analysis predicts clinical outcome in patients with lung cancers. , 2019, , .		0
14	Abstract 1572: Inherited truncatingRAD52variant discovered using integrated germline- somatic analysis predicts clinical outcome in patients with lung cancers. , 2019, , .		0
15	A New Mixed All-Atom/Coarse-Grained Model: Application to Melittin Aggregation in Aqueous Solution. Journal of Chemical Theory and Computation, 2017, 13, 3881-3897.	5.3	16
16	Studying Peptide Aggregation using Mixed All-Atom/Coarse Grain Molecular Dynamics Simulations. Biophysical Journal, 2017, 112, 198a.	0.5	1
17	Germline and Somatic Smoothened Mutations in Nonâ€“Small-Cell Lung Cancer Are Potentially Responsive to Hedgehog Inhibitor Vismodegib. JCO Precision Oncology, 2017, 1, 1-10.	3.0	3
18	Melittin Aggregation in Aqueous Solutions: Insight from Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2015, 119, 10390-10398.	2.6	38

#	Article	IF	Citations
19	Molecular Dynamic Simulations of the Effect on the Hydration of Nafion in the Presence of a Platinum Nanoparticle. Journal of Physical Chemistry C, 2012, 116, 12890-12899.	3.1	25
20	Reactive Molecular Dynamics Study of Proton Transport in Polymer Electrolyte Membranes. Journal of Physical Chemistry C, 2011, 115, 18835-18846.	3.1	19
21	Toward a Predictive Understanding of Water and Charge Transport in Proton Exchange Membranes. Journal of Physical Chemistry B, 2011, 115, 3052-3061.	2.6	23
22	Applications of a general random-walk theory for confined diffusion. Physical Review E, 2011, 83, 011120.	2.1	32
23	A Reactive Molecular Dynamics Algorithm for Proton Transport in Aqueous Systems. Journal of Physical Chemistry C, 2010, 114, 11965-11976.	3.1	29
24	Proton transport in water confined in carbon nanotubes: a reactive molecular dynamics study. Molecular Simulation, 2010, 36, 568-578.	2.0	19
25	Molecular-Level Modeling of the Structure and Proton Transport within the Membrane Electrode Assembly of Hydrogen Proton Exchange Membrane Fuel Cells. Modern Aspects of Electrochemistry, 2010, , 133-202.	0.2	0
26	A Reactive Molecular Dynamics Study of the Thermal Decomposition of Perfluorodimethyl Ether. Journal of Physical Chemistry B, 2009, 113, 13670-13677.	2.6	15
27	Molecular-Level Modeling of the Structure and Wetting of Electrode/Electrolyte Interfaces in Hydrogen Fuel Cells. Journal of Physical Chemistry C, 2008, 112, 1985-1993.	3.1	39
28	Comparison of the Hydration and Diffusion of Protons in Perfluorosulfonic Acid Membranes with Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2008, 112, 13273-13284.	2.6	119
29	Molecular Dynamics Study of Structure and Transport of Water and Hydronium Ions at the Membrane/Vapor Interface of Nafion. Journal of Physical Chemistry C, 2008, 112, 1975-1984.	3.1	39
30	A Molecular Dynamics Study of a Nafion Polyelectrolyte Membrane and the Aqueous Phase Structure for Proton Transport. Journal of Physical Chemistry B, 2007, 111, 2208-2218.	2.6	207