

Karthik Ramachandran

List of Publications by Year in descending order

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9
papers

359
citations

1163117

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1474206

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docs citations

10
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497
citing authors

#	ARTICLE	IF	CITATIONS
1	A Selective and Cell-Permeable Mitochondrial Calcium Uniporter (MCU) Inhibitor Preserves Mitochondrial Bioenergetics after Hypoxia/Reoxygenation Injury. ACS Central Science, 2019, 5, 153-166.	11.3	112
2	Lactate Elicits ER-Mitochondrial Mg ²⁺ Dynamics to Integrate Cellular Metabolism. Cell, 2020, 183, 474-489.e17.	28.9	84
3	Mitochondrial pyruvate and fatty acid flux modulate MICU1-dependent control of MCU activity. Science Signaling, 2020, 13, .	3.6	48
4	Antioxidant, anticoagulant and mosquitocidal properties of water soluble polysaccharides (WSPs) from Indian seaweeds. Process Biochemistry, 2019, 84, 196-204.	3.7	40
5	SARS-CoV-2 infection enhances mitochondrial PTP complex activity to perturb cardiac energetics. IScience, 2022, 25, 103722.	4.1	27
6	Triple-negative breast cancer cell line sensitivity to englerin A identifies a new, targetable subtype. Breast Cancer Research and Treatment, 2019, 177, 345-355.	2.5	16
7	Resolving macrophage polarization through distinct Ca ²⁺ entry channel that maintains intracellular signaling and mitochondrial bioenergetics. IScience, 2021, 24, 103339.	4.1	15
8	Elucidating target specificity of the taccalonolide covalent microtubule stabilizers employing a combinatorial chemical approach. Nature Communications, 2020, 11, 654.	12.8	9
9	Purification, Characterization and Antibacterial Properties of Peptide from Marine Ascidian Didemnum sp.. International Journal of Peptide Research and Therapeutics, 2020, 26, 201-208.	1.9	8