

Title / Topic	Author(s)	Year	Focus Area	Research Link
Protein Folding and Misfolding Mechanisms	Dobson, C.M.	2023	Structural Biochemistry	Nature Reviews Molecular Cell Biology
CRISPR-Cas9 Gene Editing Advances	Doudna, J.A. & Charpentier, E.	2022	Genetic Engineering	https://www.sciencemag.org/
Enzyme Kinetics and Drug Design	Copeland, R.A.	2021	Enzymology / Pharmacology	https://pubmed.ncbi.nlm.nih.gov/
Role of Lipids in Cell Signaling	Simons, K., & Sampaio, J.L.	2020	Membrane Biochemistry	https://www.jlr.org/
Mitochondrial Dysfunction in Neurodegenerative Diseases	Lin, M.T. & Beal, M.F.	2019	Neurobiochemistry	https://www.cell.com/
Structural Analysis of Ribosomes	Steitz, T.A.	2023	Molecular Structure	Nature Structural & Molecular Biology
Biochemical Pathways in Cancer Metabolism	Vander Heiden, M.G.	2024	Metabolic Biochemistry	https://aacrjournals.org/cancerdiscovery
Advances in Protein-Ligand Binding Studies	Gilson, M.K.	2023	Computational Biochemistry	https://www.cell.com/biophysj/home
Photosynthesis and Energy Transfer in Plants	Blankenship, R.E.	2021	Bioenergetics	https://www.annualreviews.org/journal/arplant

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