# Robert H Newman

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 23
papers | 322
citations | 840776
11
h-index | 888059
17
g-index |
| 25
all docs | 25
docs citations | 25
times ranked | 359
citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Impact of Redox Modification on MAPK Global Substrate Selection. FASEB Journal, 2022, 36, . | 0.5 | 0 |
| 2 | Impact of Redox Modification on PKA Substrate Selection. FASEB Journal, 2022, 36, . | 0.5 | 0 |
| 3 | FEPS: A Tool for Feature Extraction from Protein Sequence. Methods in Molecular Biology, 2022, , 65-104. | 0.9 | 3 |
| 4 | Impact of Redox Modification on Protein Kinase A (PKA) and Mitogen Activated Protein Kinase 1 (MAPK1) Substrate Selection. FASEB Journal, 2021, 35, . | 0.5 | 0 |
| 5 | DTL-DephosSite: Deep Transfer Learning Based Approach to Predict Dephosphorylation Sites. Frontiers in Cell and Developmental Biology, 2021, 9, 662983. | 3.7 | 12 |
| 6 | A deep learning based approach for prediction of Chlamydomonas reinhardtii phosphorylation sites. Scientific Reports, 2021, 11, 12550. | 3.3 | 10 |
| 7 | SARS-COV-2, infection, transmission, transcription, translation, proteins, and treatment: A review. International Journal of Biological Macromolecules, 2021, 193, 1249-1273. | 7.5 | 19 |
| 8 | Computational Analysis of the Binding Mechanism of GenX and HSA. ACS Omega, 2021, 6, 29166-29170. | 3.5 | 14 |
| 9 | Introducing Chemistry Students to Emerging Technologies in Gene Editing, Their Applications, and Ethical Considerations. Journal of Chemical Education, 2020, 97, 1931-1943. | 2.3 | 5 |
| 10 | DeepRMethylSite: a deep learning based approach for prediction of arginine methylation sites in proteins. Molecular Omics, 2020, 16, 448-454. | 2.8 | 18 |
| 11 | RF-MaloSite and DL-Malosite: Methods based on random forest and deep learning to identify malonylation sites. Computational and Structural Biotechnology Journal, 2020, 18, 852-860. | 4.1 | 14 |
| 12 | DeepSuccinylSite: a deep learning based approach for protein succinylation site prediction. BMC Bioinformatics, 2020, 21, 63. | 2.6 | 45 |
| 13 | BCATc modulates crosstalk between the PI3K/Akt and the Ras/ERK pathway regulating proliferation in triple negative breast cancer. Oncotarget, 2020, 11, 1971-1987. | 1.8 | 10 |
| 14 | RF-GlutarySite: a random forest based predictor for glutarylation sites. Molecular Omics, 2019, 15, 189-204. | 2.8 | 30 |
| 15 | Inflammation and Kidney Injury in Diabetic African American Men. Journal of Diabetes Research, 2019, 2019, 1-12. | 2.3 | 11 |
| 16 | Natural and synthetic pathogen associated molecular patterns modulate galectin expression in cow blood. Journal of Animal Science and Technology, 2019, 61, 245-253. | 2.5 | 4 |
| 17 | Performance of Canonical Correlation Forest in Phosphorylation Site Predictions. , 2018, , . | | 0 |
| 18 | Undiagnosed Kidney Injury in Uninsured and Underinsured Diabetic African American Men and Putative Role of Meprin Metalloproteases in Diabetic Nephropathy. International Journal of Nephrology, 2018, 2018, 1-16. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | SVM-SulfoSite: A support vector machine based predictor for sulfenylation sites. Scientific Reports, 2018, 8, 11288. | 3.3 | 14 |
| 20 | RF-Phos: A Novel General Phosphorylation Site Prediction Tool Based on Random Forest. BioMed Research International, 2016, 2016, 1-12. | 1.9 | 34 |
| 21 | RF-Hydroxysite: a random forest based predictor for hydroxylation sites. Molecular BioSystems, 2016, 12, 2427-2435. | 2.9 | 24 |
| 22 | Isoform-specific interactions between meprin metalloproteases and the catalytic subunit of protein kinase A: significance in acute and chronic kidney injury. American Journal of Physiology - Renal Physiology, 2015, 308, F56-F68. | 2.7 | 15 |
| 23 | Toward a systems-level view of dynamic phosphorylation networks. Frontiers in Genetics, 2014, 5, 263. | 2.3 | 36 |