# Rahuman S. Malik Sheriff

## List of Publications by Year
## in descending order

| 21 papers | 1,286 citations | 840776 11 h-index | 677142 22 g-index |
|---|---|---|---|
| 27 all docs | 27 docs citations | 27 times ranked | 1830 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | The European Bioinformatics Institute (EMBL-EBI) in 2021. Nucleic Acids Research, 2022, 50, D11-D19. | 14.5 | 34 |
| 2 | Model Integration in Computational Biology: The Role of Reproducibility, Credibility and Utility. Frontiers in Systems Biology, 2022, 2, . | 0.7 | 7 |
| 3 | BioSimulators: a central registry of simulation engines and services for recommending specific tools. Nucleic Acids Research, 2022, 50, W108-W114. | 14.5 | 11 |
| 4 | Building digital twins of the human immune system: toward a roadmap. Npj Digital Medicine, 2022, 5, . | 10.9 | 43 |
| 5 | Setting the basis of best practices and standards for curation and annotation of logical models in biologyâ€"highlights of the [BC]2 2019 CoLoMoTo/SysMod Workshop. Briefings in Bioinformatics, 2021, 22, 1848-1859. | 6.5 | 25 |
| 6 | Reproducibility in systems biology modelling. Molecular Systems Biology, 2021, 17, e9982. | 7.2 | 67 |
| 7 | Path4Drug: Data Science Workflow for Identification of Tissue-Specific Biological Pathways Modulated by Toxic Drugs. Frontiers in Pharmacology, 2021, 12, 708296. | 3.5 | 5 |
| 8 | BioModelsâ€"15 years of sharing computational models in life science. Nucleic Acids Research, 2020, 48, D407-D415. | 14.5 | 175 |
| 9 | BioModels Parameters: a treasure trove of parameter values from published systems biology models. Bioinformatics, 2020, 36, 4649-4654. | 4.1 | 5 |
| 10 | MEMOTE for standardized genome-scale metabolic model testing. Nature Biotechnology, 2020, 38, 272-276. | 17.5 | 314 |
| 11 | GATA3 Mediates a Fast, Irreversible Commitment to BMP4-Driven Differentiation in Human Embryonic Stem Cells. Cell Stem Cell, 2020, 26, 693-706.e9. | 11.1 | 50 |
| 12 | The first 10 years of the international coordination network for standards in systems and synthetic biology (COMBINE). Journal of Integrative Bioinformatics, 2020, 17, . | 1.5 | 18 |
| 13 | <scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. Molecular Systems Biology, 2020, 16, e9110. | 7.2 | 178 |
| 14 | The Systems Biology Markup Language (SBML): Language Specification for Level 3 Version 2 Core Release 2. Journal of Integrative Bioinformatics, 2019, 16, . | 1.5 | 78 |
| 15 | Best Practices to Maximize the Use and Reuse of Quantitative and Systems Pharmacology Models: Recommendations From the United Kingdom Quantitative and Systems Pharmacology Network. CPT: Pharmacometrics and Systems Pharmacology, 2019, 8, 259-272. | 2.5 | 37 |
| 16 | BioModels: expanding horizons to include more modelling approaches and formats. Nucleic Acids Research, 2018, 46, D1248-D1253. | 14.5 | 80 |
| 17 | Diverse patterns of molecular changes in the mechano-responsiveness of focal adhesions. Scientific Reports, 2018, 8, 2187. | 3.3 | 11 |
| 18 | Biased numerical cognition impairs economic decisionâ€'making in Parkinson's disease. Annals of Clinical and Translational Neurology, 2017, 4, 739-748. | 3.7 | 1 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Highly Multiplexed Imaging Uncovers Changes in Compositional Noise within Assembling Focal Adhesions. PLoS ONE, 2016, 11, e0160591. | 2.5 | 5 |
| 20 | Positive Feedback Keeps Duration of Mitosis Temporally Insulated from Upstream Cell-Cycle Events. Molecular Cell, 2016, 64, 362-375. | 9.7 | 81 |
| 21 | Uncovering distinct protein-network topologies in heterogeneous cell populations. BMC Systems Biology, 2015, 9, 24. | 3.0 | 5 |