# Sahir R Bhatnagar

List of Publications by Year
in descending order

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|---|---|---|---|
| 41<br>papers | 628<br>citations | 933447<br>10<br>h-index | 677142<br>22<br>g-index |
| 45<br>all docs | 45<br>docs citations | 45<br>times ranked | 1226<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Variable Selection in Regression-Based Estimation of Dynamic Treatment Regimes. Biometrics, 2023, 79, 988-999. | 1.4 | 2 |
| 2 | Sparse Bayesian predictive modelling of tumour response using radiomic features. Stat, 2022, 11, . | 0.4 | 0 |
| 3 | Improved Detection of Chronic Obstructive Pulmonary Disease at Chest CT Using the Mean Curvature of Isophotes. Radiology: Artificial Intelligence, 2022, 4, e210105. | 5.8 | 2 |
| 4 | Malignancy risk stratification of cystic renal lesions based on a contrast-enhanced CT-based machine learning model and a clinical decision algorithm. European Radiology, 2022, 32, 4116-4127. | 4.5 | 13 |
| 5 | Strain Ultrasound Elastography of Aneurysm Sac Content after Randomized Endoleak Embolization with Sclerosing and Non-sclerosing Chitosan-based Hydrogels in a Canine Model. Journal of Vascular and Interventional Radiology, 2022, , . | 0.5 | 1 |
| 6 | The â€œPoissonâ€•Distribution: History, Reenactments, Adaptations. American Statistician, 2022, 76, 363-371. | 1.6 | 2 |
| 7 | Novel mobility index tracks COVID-19 transmission following stay-at-home orders. Scientific Reports, 2022, 12, 7654. | 3.3 | 5 |
| 8 | Impact of Simulation Training on Radiology Resident Performance in Neonatal Head Ultrasound. Academic Radiology, 2021, 28, 859-867. | 2.5 | 3 |
| 9 | Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. Genome Medicine, 2021, 13, 16. | 8.2 | 35 |
| 10 | Polygenic Risk Score for Low-Density Lipoprotein Cholesterol Is Associated With Risk of Ischemic Heart Disease and Enriches for Individuals With Familial Hypercholesterolemia. Circulation Genomic and Precision Medicine, 2021, 14, e003106. | 3.6 | 21 |
| 11 | Interactive online informational and peer support application for patients with low anterior resection syndrome: patient survey and protocol for a multicentre randomized controlled trial. Colorectal Disease, 2021, 23, 1248-1257. | 1.4 | 5 |
| 12 | Site-Specific Variation in Radiomic Features of Head and Neck Squamous Cell Carcinoma and Its Impact on Machine Learning Models. Cancers, 2021, 13, 3723. | 3.7 | 5 |
| 13 | Block coordinate descent algorithm improves variable selection and estimation in errorâ€inâ€variables regression. Genetic Epidemiology, 2021, 45, 874-890. | 1.3 | 5 |
| 14 | Assessment of long-term bowel dysfunction after restorative proctectomy for neoplastic disease: A population-based cohort study. Surgery, 2021, , . | 1.9 | 3 |
| 15 | Simultaneous SNP selection and adjustment for population structure in high dimensional prediction models. PLoS Genetics, 2020, 16, e1008766. | 3.5 | 5 |
| 16 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. PLoS Medicine, 2020, 17, e1003152. | 8.4 | 45 |
| 17 | Development and evaluation of a patient-centred program for low anterior resection syndrome: protocol for a randomized controlled trial. BMJ Open, 2020, 10, e035587. | 1.9 | 2 |
| 18 | Title is missing!. , 2020, 16, e1008766. | | 0 |

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|---|---------|-----|-----------|
| 19 | Title is missing!. , 2020, 16, e1008766. | | 0 |
| 20 | Title is missing!. , 2020, 16, e1008766. | | 0 |
| 21 | Title is missing!. , 2020, 16, e1008766. | | 0 |
| 22 | Title is missing!. , 2020, 16, e1008766. | | 0 |
| 23 | Title is missing!. , 2020, 16, e1008766. | | 0 |
| 24 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 25 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 26 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 27 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 28 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 29 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 30 | Identification of new therapeutic targets for osteoarthritis through genome-wide analyses of UK Biobank data. Nature Genetics, 2019, 51, 230-236. | 21.4 | 331 |
| 31 | Development and validation of a clinical risk calculator for mortality after colectomy for fulminant Clostridium difficile colitis. Journal of Trauma and Acute Care Surgery, 2019, 87, 856-864. | 2.1 | 4 |
| 32 | Trends in cause-specific mortality in HIV–hepatitis C coinfection following hepatitis C treatment scale-up. Aids, 2019, 33, 1013-1022. | 2.2 | 23 |
| 33 | A Comparison of Pathologic Outcomes of Open, Laparoscopic, and Robotic Resections for Rectal Cancer Using the ACS-NSQIP Proctectomy-Targeted Database: a Propensity Score Analysis. Journal of Gastrointestinal Surgery, 2019, 23, 348-356. | 1.7 | 20 |
| 34 | An analytic approach for interpretable predictive models in high-dimensional data in the presence of interactions with exposures. Genetic Epidemiology, 2018, 42, 233-249. | 1.3 | 8 |
| 35 | Impact of adipose tissue on prostate cancer aggressiveness – analysis of a high-risk population. Hormone Molecular Biology and Clinical Investigation, 2018, 36, . | 0.7 | 8 |
| 36 | Results of a RCT on a Transition Support Program for Adults with ASD: Effects on Self-Determination and Quality of Life. Autism Research, 2018, 11, 1712-1728. | 3.8 | 24 |

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|---|---------|-----|-----------|
| 37 | Widespread epigenomic, transcriptomic and proteomic differences between hip osteophytic and articular chondrocytes in osteoarthritis. Rheumatology, 2018, 57, 1481-1489. | 1.9 | 19 |
| 38 | Gene Coexpression Analyses Differentiate Networks Associated with Diverse Cancers Harboring TP53 Missense or Null Mutations. Frontiers in Genetics, 2016, 7, 137. | 2.3 | 23 |
| 39 | Assessing transmission ratio distortion in extended families: a comparison of analysis methods. BMC Proceedings, 2016, 10, 197-202. | 1.6 | 1 |
| 40 | Joint analysis of multiple blood pressure phenotypes in GAW19 data by using a multivariate rare-variant association test. BMC Proceedings, 2016, 10, 309-313. | 1.6 | 6 |
| 41 | The perils of quasi–likelihood information criteria. Stat, 2015, 4, 246-254. | 0.4 | 5 |