Sunil Gupta

List of Publications by Year
in descending order

21 papers	532 citations	1040056 9 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	469 citing authors

#	ARTICLE	IF	CITATIONS
1	Prescriptive analytics with differential privacy. International Journal of Data Science and Analytics, 2022, 13, 123-138.	4.1	2
2	Dual-frame spatio-temporal feature modulation for video enhancement. Pattern Recognition, 2022, 130, 108822.	8.1	8
3	Coupling machine learning with 3D bioprinting to fast track optimisation of extrusion printing. Applied Materials Today, 2021, 22, 100914.	4.3	57
4	An Unified Recurrent Video Object Segmentation Framework for Various Surveillance Environments. IEEE Transactions on Image Processing, 2021, 30, 7889-7902.	9.8	20
5	Personalized single-cell networks: a framework to predict the response of any gene to any drug for any patient. BioData Mining, 2021, 14, 37.	4.0	2
6	Identification of predictors and model for predicting prolonged length of stay in dengue patients. Health Care Management Science, 2021, 24, 786-798.	2.6	10
7	Computational design of thermally stable and precipitation-hardened Al-Co-Cr-Fe-Ni-Ti high entropy alloys. Journal of Alloys and Compounds, 2021, 888, 161496.	5.5	27
8	Learning Transferable Domain Priors for Safe Exploration in Reinforcement Learning. , 2020, , .		4
9	Bayesian strategy selection identifies optimal solutions to complex problems using an example from GP prescribing. Npj Digital Medicine, 2020, 3, 7.	10.9	9
10	Bayesian Optimization for Adaptive Experimental Design: A Review. IEEE Access, 2020, 8, 13937-13948.	4.2	186
11	Improving the Tensile Properties of Wet Spun Silk Fibers Using Rapid Bayesian Algorithm. ACS Biomaterials Science and Engineering, 2020, 6, 3197-3207.	5.2	12
12	A scrap-tolerant alloying concept based on high entropy alloys. Acta Materialia, 2020, 200, 735-744.	7.9	21
13	Geolocated Twitter-based population mobility in Victoria, Australia, during the staged COVID-19 restrictions. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2020, , .	0.1	0
14	Filtering Bayesian optimization approach in weakly specified search space. Knowledge and Information Systems, 2019, 60, 385-413.	3.2	12
15	Optimizing a High-Entropy System: Software-Assisted Development of Highly Hydrophobic Surfaces using an Amphiphilic Polymer. ACS Omega, 2019, 4, 15912-15922.	3.5	9
16	Efficient Bayesian Function Optimization of Evolving Material Manufacturing Processes. ACS Omega, 2019, 4, 20571-20578.	3.5	0
17	Accelerating Experimental Design by Incorporating Experimenter Hunches. , 2018, , .		6
18	Rapid Bayesian optimisation for synthesis of short polymer fiber materials. Scientific Reports, 2017, 7, 5683.	3.3	80

#	Article	IF	Citations
19	Bayesian Optimization in Weakly Specified Search Space. , 2017, , .		10
20	High Dimensional Bayesian Optimization using Dropout. , 2017, , .		53
21	Cascade Bayesian Optimization. Lecture Notes in Computer Science, 2016, , 268-280.	1.3	4