

image satellite prediction  
measurements horizontal estimation  
irradiance  
error derived wrf location data at value sky  
radiation mean meteorological were region ground different  
surface clear site validation solar  
cloud variables hourly global ghi stations

events simulation uncertainty short  
market speed scale penetration  
prediction wind  
variables integration study  
turbine power operation  
ramp approach wavelet generation  
data wave large farm system  
proposed intermittent temporal compared development term site

time mining approach clustering  
patterns anomaly identification  
navigation process movement proposed information  
trajectory  
automatic based traffic ship  
system tracking spatial point  
method extraction vessel  
analysis maritime detection

engineering we features based algorithm  
generation svm machine time  
selection evaluation driven results problem approach  
physical data series method  
task different reinforcement computational regression  
ml test provide estimation computational regression  
challenges vector linear learning  
performance prediction parameters  
proposed techniques classification optimization dataset set

performance hull contains environmental based analysis  
different effect consumption  
added carbon conditions engineering  
water fuel maritime were industry port  
efficiency voyage propeller energy  
marine operation ship  
sailing wave reduction gas study  
data vessel measurements cost navigation  
emissions speed  
was prediction propulsion factors resistance

development transport  
it system public new vehicle communication  
paper review from has  
how these science their article provide industry analysis  
res research  
we literature  
area been futuristic technology topics be applications

skill time error short hwp probabilistic  
improve hourly numerical accuracy  
electricity ensemble techniques series  
approach statistical quantile results cloud evaluation  
forecasting  
regression generation term based  
benchmark persistence produced weight weather  
load power method day probability production  
proposed prediction horizon competition average ahead compared interval

post polypeptides applications unbound accurate program  
subset case aa default limited  
approach accuracy structure rosetta backbone score  
improve faster flexpep dock poses protocol enhance  
flexibility implicit binding redocking extended outside  
charge peptide sp was ligand  
formal defined size recent available top molecule  
fall rate helical analysis prediction non small  
receptor glide docking  
sample solvent successful domain set

battery curtailment sustainable stochastic missions united will  
need solar electricity  
integration efficiency operation sources smart dispatch  
generation such microgrid which it  
grid fossil power  
economic utility capacity  
generation cost market investment optimization  
level load renewable  
resources management required  
system heat demand storage  
building supply price technology distribution scheduling

proposed system variables location battery size  
measurements study were increase results voltage  
output impact control  
operation distribution inverter based  
site at analysis can ramp  
photovoltaic performance from day  
fluctuations installed cell scale  
paper grid power high module  
method connected power penetration  
production data plants simulation  
generation estimation large solar was capacity rate meteorological

considered speed improved constraints system sailing  
into distance search savings wave voyage  
solution combining circle approach function cost multi  
program  
ship objective planning genetic  
arrival control minimum solve path navigation ocean safety  
control account simulation decision vehicle  
method algorithm  
problem dynamic time proposed paper  
based minimize dynamic

deep traffic structure neurons proposed node  
parameters sustained network lstm power  
training load intelligence feedforward information support large convolutional  
graph time recurrent rnn  
term convolutional task can has  
based show performance fully name process multi problem system  
capture nonlinear represent hidden sequence topology consumption long  
gnns accuracy artificial ann  
results layer architecture prediction input learning