# Dongyang Kuang

List of Publications by Year
in descending order

| 12 papers | 164 citations | 1478505<br>6 h-index | 1281871<br>11 g-index |
|---|---|---|---|
| 12 all docs | 12 docs citations | 12 times ranked | 170 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Reduced models for ETG transport in the tokamak pedestal. Physics of Plasmas, 2022, 29, . | 1.9 | 11 |
| 2 | Dual stream neural networks for brain signal classification. Journal of Neural Engineering, 2021, 18, 016006. | 3.5 | 1 |
| 3 | Kinetics and mechanism of $CO_2$ gasification of coal catalyzed by $Na_2CO_3$, $FeCO_3$ and $Na_2CO_3$â€"$FeCO_3$. Journal of the Energy Institute, 2020, 93, 922-933. | 5.3 | 31 |
| 4 | Some Optional Methods of Activation Energy Determination on Pyrolysis. Kinetics and Catalysis, 2019, 60, 137-146. | 1.0 | 2 |
| 5 | Landmark-based algorithms for group average and pattern recognition. Pattern Recognition, 2019, 86, 172-187. | 8.1 | 2 |
| 6 | FAIM â€" A ConvNet Method for Unsupervised 3D Medical Image Registration. Lecture Notes in Computer Science, 2019, , 646-654. | 1.3 | 61 |
| 7 | Cycle-Consistent Training for Reducing Negative Jacobian Determinant in Deep Registration Networks. Lecture Notes in Computer Science, 2019, , 120-129. | 1.3 | 8 |
| 8 | Characterization of Powder River Basin coal pyrolysis with cost-effective and environmentally-friendly composite Na Fe catalysts in a thermogravimetric analyzer and a fixed-bed reactor. International Journal of Hydrogen Energy, 2018, 43, 6918-6935. | 7.1 | 11 |
| 9 | Predicting kinetic triplets using a 1d convolutional neural network. Thermochimica Acta, 2018, 669, 8-15. | 2.7 | 28 |
| 10 | A Geodesic Landmark Shooting Algorithm for Template Matching and Its Applications. SIAM Journal on Imaging Sciences, 2017, 10, 303-334. | 2.2 | 4 |
| 11 | Solitary Waves and N â€Particle Algorithms for a Class of Eulerâ€"PoincarÃ© Equations. Studies in Applied Mathematics, 2016, 137, 502-546. | 2.4 | 3 |
| 12 | A Conservative Formulation and a Numerical Algorithm for the Double-Gyre Nonlinear Shallow-Water Model. Numerical Mathematics, 2015, 8, 634-650. | 1.3 | 2 |