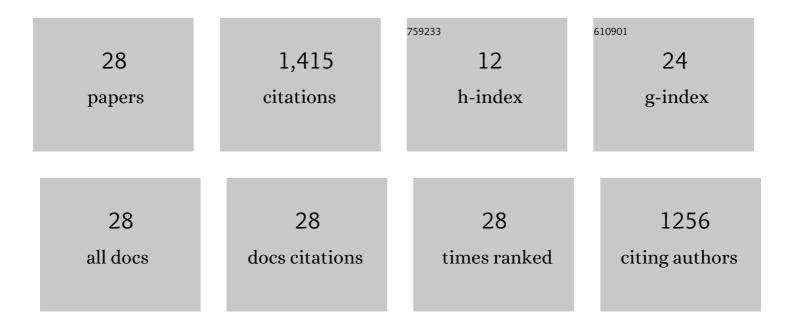
## Jooyoung Park

List of Publications by Year in descending order

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LOOVOLING PARK

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Co-Evolution of Predator-Prey Ecosystems by Reinforcement Learning Agents. Entropy, 2021, 23, 461.  | 2.2 | 4         |
| 2  | Predicting Human Motion Signals Using Modern Deep Learning Techniques and Smartphone Sensors.<br>Sensors, 2021, 21, 8270.   | 3.8 | 3         |
| 3  | Two-Stage Latent Dynamics Modeling and Filtering for Characterizing Individual Walking and Running<br>Patterns with Smartphone Sensors. Sensors, 2019, 19, 2712.                              | 3.8 | 3         |
| 4  | Identifying ECUs Using Inimitable Characteristics of Signals in Controller Area Networks. IEEE<br>Transactions on Vehicular Technology, 2018, 67, 4757-4770.                                  | 6.3 | 124       |
| 5  | Investigation of nonlinear epidemiological models for analyzing and controlling the MERS outbreak in Korea. Journal of Theoretical Biology, 2018, 437, 17-28.                                 | 1.7 | 12        |
| 6  | Self-Diagnosis of Localization Status for Autonomous Mobile Robots. Sensors, 2018, 18, 3168.  | 3.8 | 9         |
| 7  | LSTM-Guided Coaching Assistant for Table Tennis Practice. Sensors, 2018, 18, 4112.  | 3.8 | 28        |
| 8  | Characterizing Dynamic Walking Patterns and Detecting Falls with Wearable Sensors Using Gaussian<br>Process Methods. Sensors, 2017, 17, 1172.   | 3.8 | 15        |
| 9  | Prediction of Driver's Intention of Lane Change by Augmenting Sensor Information Using Machine<br>Learning Techniques. Sensors, 2017, 17, 1350.   | 3.8 | 81        |
| 10 | Dynamic Power Management for Portable Hybrid Power-Supply Systems Utilizing Approximate Dynamic<br>Programming. Energies, 2015, 8, 5053-5073.   | 3.1 | 2         |
| 11 | Development of a Laser-Range-Finder-Based Human Tracking and Control Algorithm for a Marathoner<br>Service Robot. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1963-1976.                | 5.8 | 84        |
| 12 | The Detection and Following of Human Legs Through Inductive Approaches for a Mobile Robot With a Single Laser Range Finder. IEEE Transactions on Industrial Electronics, 2012, 59, 3156-3166. | 7.9 | 102       |
| 13 | A mixture-density-network based approach for finding rating curves: Facing multi-modality and unbalanced data distribution. KSCE Journal of Civil Engineering, 2010, 14, 243-250.             | 1.9 | 6         |
| 14 | Tunnel ventilation controller design using an RLS-based natural actor-critic algorithm. International<br>Journal of Precision Engineering and Manufacturing, 2010, 11, 829-838.               | 2.2 | 5         |
| 15 | Binary classification based on SVDD projection and nearest neighbors. , 2010, , .   |     | 1         |
| 16 | Tunnel ventilation control via an actor-critic algorithm employing nonparametric policy gradients.<br>Journal of Mechanical Science and Technology, 2009, 23, 311-323.                        | 1.5 | 8         |
| 17 | Rainfallâ€runoff analysis based on competing linear impulse responses: decomposition of<br>rainfallâ€runoff processes. Hydrological Processes, 2008, 22, 660-669.                             | 2.6 | 2         |
| 18 | SVDD-Based Pattern Denoising. Neural Computation, 2007, 19, 1919-1938.  | 2.2 | 39        |

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Low resolution face recognition based on support vector data description. Pattern Recognition, 2006, 39, 1809-1812.   | 8.1 | 77        |
| 20 | Face Reconstruction with Low Resolution Facial Images by Feature Vector Projection in Kernel Space. , 2006, , .   |     | 2         |
| 21 | Optimal Stabilization of Takagi-Sugeno Fuzzy Systems with Application to Spacecraft Control. Journal of Guidance, Control, and Dynamics, 2001, 24, 767-777. | 2.8 | 42        |
| 22 | An Optimization Approach to Design of Generalized BSB Neural Associative Memories. Neural Computation, 2000, 12, 1449-1462.                                 | 2.2 | 14        |
| 23 | An optimization approach to design of cellular neural networks. International Journal of Systems<br>Science, 2000, 31, 1585-1591.                           | 5.5 | 5         |
| 24 | On the Design of BSB Neural Associative Memories Using Semidefinite Programming. Neural Computation, 1999, 11, 1985-1994.                                   | 2.2 | 7         |
| 25 | Nonlinear approximations using elliptic basis function networks. Circuits, Systems, and Signal Processing, 1994, 13, 99-113.                                | 2.0 | 16        |
| 26 | Approximation and Radial-Basis-Function Networks. Neural Computation, 1993, 5, 305-316.   | 2.2 | 721       |
| 27 | Nonlinear approximations using elliptic basis function networks. , 0, , .   |     | 2         |
| 28 | A new methodology to the design of associative memories based on cellular neural networks. , 0, , .   |     | 1         |