# Paul Kwan

List of Publications by Year
in descending order

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|---|---|---|---|
| 33 papers | 1,009 citations | 623699<br>14 h-index | 454934<br>30 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 1302 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Classification of crops and weeds from digital images: A support vector machine approach. Crop Protection, 2012, 40, 98-104. | 2.1 | 150 |
| 2 | Designing a multi-stage multivariate empirical mode decomposition coupled with ant colony optimization and random forest model to forecast monthly solar radiation. Applied Energy, 2019, 236, 778-792. | 10.1 | 136 |
| 3 | Automated cattle counting using Mask R-CNN in quadcopter vision system. Computers and Electronics in Agriculture, 2020, 171, 105300. | 7.7 | 111 |
| 4 | Genome-wide association study of body weight in Australian Merino sheep reveals an orthologous region on OAR6 to human and bovine genomic regions affecting height and weight. Genetics Selection Evolution, 2015, 47, 66. | 3.0 | 105 |
| 5 | Genome-wide linkage disequilibrium and genetic diversity in five populations of Australian domestic sheep. Genetics Selection Evolution, 2015, 47, 90. | 3.0 | 102 |
| 6 | Livestock classification and counting in quadcopter aerial images using Mask R-CNN. International Journal of Remote Sensing, 2020, 41, 8121-8142. | 2.9 | 58 |
| 7 | Research trends in student response systems: a literature review. International Journal of Learning Technology, 2015, 10, 313. | 0.2 | 37 |
| 8 | Livestock vocalisation classification in farm soundscapes. Computers and Electronics in Agriculture, 2019, 162, 531-542. | 7.7 | 36 |
| 9 | A novel approach in discovering significant interactions from TCM patient prescription data. International Journal of Data Mining and Bioinformatics, 2011, 5, 353. | 0.1 | 32 |
| 10 | Improving the computational efficiency of an agent-based spatiotemporal model of livestock disease spread and control. Environmental Modelling and Software, 2016, 77, 1-12. | 4.5 | 25 |
| 11 | Modelling spatiotemporal patterns of dubas bug infestations on date palms in northern Oman: A geographical information system case study. Crop Protection, 2017, 93, 113-121. | 2.1 | 23 |
| 12 | Comparison of grazing behaviour of sheep on pasture with different sward surface heights using an inertial measurement unit sensor. Computers and Electronics in Agriculture, 2018, 150, 394-401. | 7.7 | 22 |
| 13 | Automated Muzzle Detection and Biometric Identification via Few-Shot Deep Transfer Learning of Mixed Breed Cattle. Agronomy, 2021, 11, 2365. | 3.0 | 21 |
| 14 | On a Fluency Image Coding System for Beef Marbling Evaluation. Pattern Recognition Letters, 2002, 23, 1277-1291. | 4.2 | 16 |
| 15 | Automated location invariant animal detection in camera trap images using publicly available data sources. Ecology and Evolution, 2021, 11, 4494-4506. | 1.9 | 16 |
| 16 | Impact of environmental variables on Dubas bug infestation rate: A case study from the Sultanate of Oman. PLoS ONE, 2017, 12, e0178109. | 2.5 | 14 |
| 17 | Improving Wheat Yield Prediction Accuracy Using LSTM-RF Framework Based on UAV Thermal Infrared and Multispectral Imagery. Agriculture (Switzerland), 2022, 12, 892. | 3.1 | 14 |
| 18 | Impacts of human-related practices on Ommatissus lybicus infestations of date palm in Oman. PLoS ONE, 2017, 12, e0171103. | 2.5 | 12 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Remote sensing and spatial statistical techniques for modelling *Ommatissus lybicus* (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Ov... | 2.0 | 11 |
| 20 | A comparative study using contours and skeletons as shape representations for binary image matching. Pattern Recognition Letters, 2016, 76, 59-66. | 4.2 | 8 |
| 21 | Factors that influence teachers' decisions to use smartphone clicker apps to enhance teacher-student interactions in university classrooms in Saudi Arabia. Learning: Research and Practice, 2019, 5, 67-86. | 0.4 | 8 |
| 22 | Sketch-Based Image Retrieval by Size-Adaptive and Noise-Robust Feature Description. , 2013, , . | | 7 |
| 23 | Towards a segmentation and recognition-free approach for content-based document image retrieval of handwritten queries. , 2015, , . | | 7 |
| 24 | Generalized Gaussian reference curve measurement model for high‐performance liquid chromatography with diode array detector separation and its solution by multi‐target intermittent particle swarm optimization. Journal of Chemometrics, 2015, 29, 146-153. | 1.3 | 7 |
| 25 | A novel shape descriptor based on salient keypoints detection for binary image matching and retrieval. Multimedia Tools and Applications, 2018, 77, 28925-28948. | 3.9 | 7 |
| 26 | Studying Learner's Perception of Attaining Graduate Attributes in Capstone Project Units Using Online Flipped Classroom. Education Sciences, 2021, 11, 698. | 2.6 | 6 |
| 27 | A parallel model of independent component analysis constrained by a 5-parameter reference curve and its solution by multi-target particle swarm optimization. Analytical Methods, 2014, 6, 2679. | 2.7 | 5 |
| 28 | U-Infuse: Democratization of Customizable Deep Learning for Object Detection. Sensors, 2021, 21, 2611. | 3.8 | 4 |
| 29 | Pricing mergers with differential synergies. Strategic Change, 2018, 27, 3-7. | 4.1 | 3 |
| 30 | Predicting the potential geographical distribution of parasitic natural enemies of the Dubas bug () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 8, 8297-8310. | 1.9 | 2 |
| 31 | Modelling the potential effects of climate factors on Dubas bug ( Ommatissus lybicus ) presence/absence and its infestation rate: A case study from Oman. Pest Management Science, 2019, 75, 3039-3049. | 3.4 | 2 |
| 32 | Behavioral merger and acquisition pricing: Application to Verizon mergers with AOL and Yahoo. Strategic Change, 2018, 27, 9-21. | 4.1 | 1 |
| 33 | A co-evolving memetic wrapper for prediction of patient outcomes in TCM informatics. Frontiers of Computer Science, 2012, 6, 621-629. | 2.4 | 0 |