# Yu Qiao

## List of Publications by Year in descending order



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|---|---|---|---|
| 156 papers | 18,853 citations | 36303 51 h-index | 17592 121 g-index |
| 158 all docs | 158 docs citations | 158 times ranked | 13511 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ActFloor-GAN: Activity-Guided Adversarial Networks for Human-Centric Floorplan Design. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 1610-1624. | 4.4 | 7 |
| 2 | Multimodal Machine Learning Using Visual Fields and Peripapillary Circular OCT Scans in Detection of Glaucomatous Optic Neuropathy. Ophthalmology, 2022, 129, 171-180. | 5.2 | 33 |
| 3 | RankSRGAN: Super Resolution Generative Adversarial Networks With Learning to Rank. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7149-7166. | 13.9 | 13 |
| 4 | An empirical study on temporal modeling for online action detection. Complex & Intelligent Systems, 2022, 8, 1803-1817. | 6.5 | 3 |
| 5 | Interactive Multi-Dimension Modulation for Image Restoration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9363-9379. | 13.9 | 3 |
| 6 | Unsupervised person re-identification with multi-label learning guided self-paced clustering. Pattern Recognition, 2022, 125, 108521. | 8.1 | 19 |
| 7 | Robust Image Forgery Detection Against Transmission Over Online Social Networks. IEEE Transactions on Information Forensics and Security, 2022, 17, 443-456. | 6.9 | 33 |
| 8 | Nonvolatile and Nonflammable Sulfolane-Based Electrolyte Achieving Effective and Safe Operation of the Liâ€“O<sub>2</sub> Battery in Open O<sub>2</sub> Environment. Nano Letters, 2022, 22, 815-821. | 9.1 | 16 |
| 9 | Regulating the Architecture of a Solid Electrolyte Interface on a Li-Metal Anode of a Liâ€“O<sub>2</sub> Battery by a Dithiobiuret Additive. , 2022, 4, 682-691. | | 5 |
| 10 | Long-Life Aqueous Znâ€“I<sub>2</sub> Battery Enabled by a Low-Cost Multifunctional Zeolite Membrane Separator. Nano Letters, 2022, 22, 2538-2546. | 9.1 | 65 |
| 11 | Joint 3D facial shape reconstruction and texture completion from a single image. Computational Visual Media, 2022, 8, 239-256. | 17.5 | 8 |
| 12 | Stabilizing Liâ€“O<sub>2</sub> Batteries with Multifunctional Fluorinated Graphene. Nano Letters, 2022, 22, 4985-4992. | 9.1 | 24 |
| 13 | A high-capacity cathode for rechargeable K-metal battery based on reversible superoxide-peroxide conversion. National Science Review, 2021, 8, nwaa287. | 9.5 | 12 |
| 14 | Amidinothiourea as a new deposition-regulating additive for dendrite-free lithium metal anodes. Chemical Communications, 2021, 57, 10055-10058. | 4.1 | 9 |
| 15 | A Comprehensive Review of Group Activity Recognition in Videos. International Journal of Automation and Computing, 2021, 18, 334-350. | 4.5 | 23 |
| 16 | Domain Adaptive Ensemble Learning. IEEE Transactions on Image Processing, 2021, 30, 8008-8018. | 9.8 | 107 |
| 17 | Learning Dynamical Human-Joint Affinity for 3D Pose Estimation in Videos. IEEE Transactions on Image Processing, 2021, 30, 7914-7925. | 9.8 | 17 |
| 18 | Multi-label ocular disease classification with a dense correlation deep neural network. Biomedical Signal Processing and Control, 2021, 63, 102167. | 5.7 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Self-speculation of clinical features based on knowledge distillation for accurate ocular disease classification. Biomedical Signal Processing and Control, 2021, 67, 102491. | 5.7 | 13 |
| 20 | A high-energy-density and long-life initial-anode-free lithium battery enabled by a Li2O sacrificial agent. Nature Energy, 2021, 6, 653-662. | 39.5 | 175 |
| 21 | Intrusion detection by machine learning for multimedia platform. Multimedia Tools and Applications, 2021, 80, 29643-29656. | 3.9 | 8 |
| 22 | Deep Learning-Based Chroma Prediction for Intra Versatile Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3168-3181. | 8.3 | 20 |
| 23 | Deep Relation Transformer for Diagnosing Glaucoma With Optical Coherence Tomography and Visual Field Function. IEEE Transactions on Medical Imaging, 2021, 40, 2392-2402. | 8.9 | 23 |
| 24 | Two-dimensional metalâ€“organic framework with perpendicular one-dimensional nano-channel as precise polysulfide sieves for highly efficient lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2021, 9, 4870-4879. | 10.3 | 24 |
| 25 | Face Recognition. , 2021, , 438-447. | | 0 |
| 26 | Wildfish++: A Comprehensive Fish Benchmark for Multimedia Research. IEEE Transactions on Multimedia, 2021, 23, 3603-3617. | 7.2 | 11 |
| 27 | Face Recognition. , 2021, , 1-10. | | 0 |
| 28 | Formulating a New Electrolyte: Synergy between Low-Polar and Non-polar Solvents in Tailoring the Solid Electrolyte Interface for the Silicon Anode. ACS Applied Materials & Interfaces, 2021, 13, 55700-55711. | 8.0 | 7 |
| 29 | A New Journey from SDRTV to HDRTV. , 2021, , . | | 28 |
| 30 | Fabricating better metal-organic frameworks separators for Liâ€“S batteries: Pore sizes effects inspired channel modification strategy. Energy Storage Materials, 2020, 25, 164-171. | 18.0 | 83 |
| 31 | Progressive Object Transfer Detection. IEEE Transactions on Image Processing, 2020, 29, 986-1000. | 9.8 | 10 |
| 32 | FeatherCNN: Fast Inference Computation with TensorGEMM on ARM Architectures. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 580-594. | 5.6 | 23 |
| 33 | Superior efficient rechargeable lithiumâ€“air batteries using a bifunctional biological enzyme catalyst. Energy and Environmental Science, 2020, 13, 144-151. | 30.8 | 13 |
| 34 | Cascade multi-head attention networks for action recognition. Computer Vision and Image Understanding, 2020, 192, 102898. | 4.7 | 24 |
| 35 | Identifying Anionic Redox Activity within the Related O3- and P2-Type Cathodes for Sodium-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 851-857. | 8.0 | 28 |
| 36 | Development and clinical deployment of a smartphone-based visual field deep learning system for glaucoma detection. Npj Digital Medicine, 2020, 3, 123. | 10.9 | 32 |

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|---|---|---|---|
| 37 | Elucidating Anionic Redox Chemistry in P3 Layered Cathode for Na-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 38249-38255. | 8.0 | 30 |
| 38 | DID: Disentangling-Imprinting-Distilling for Continuous Low-Shot Detection. IEEE Transactions on Image Processing, 2020, 29, 7765-7778. | 9.8 | 4 |
| 39 | Multiple Transfer Learning and Multi-label Balanced Training Strategies for Facial AU Detection In the Wild. , 2020, , . | | 4 |
| 40 | SmallBigNet: Integrating Core and Contextual Views for Video Classification. , 2020, , . | | 52 |
| 41 | COCAS: A Large-Scale Clothes Changing Person Dataset for Re-Identification. , 2020, , . | | 55 |
| 42 | Beyond the concentrated electrolyte: further depleting solvent molecules within a Li<sup>+</sup> solvation sheath to stabilize high-energy-density lithium metal batteries. Energy and Environmental Science, 2020, 13, 4122-4131. | 30.8 | 122 |
| 43 | Finding hard faces with better proposals and classifier. Machine Vision and Applications, 2020, 31, 1. | 2.7 | 3 |
| 44 | Fast Texture Synthesis via Pseudo Optimizer. , 2020, , . | | 4 |
| 45 | Suppressing Uncertainties for Large-Scale Facial Expression Recognition. , 2020, , . | | 335 |
| 46 | Machine Learning Modeling for Failure Detection of Elevator Doors by Three-Dimensional Video Monitoring. IEEE Access, 2020, 8, 211595-211609. | 4.2 | 4 |
| 47 | Learning Discriminative Representation For Facial Expression Recognition From Uncertainties. , 2020, , . | | 21 |
| 48 | A hybridized parallel bats algorithm for combinatorial problem of traveling salesman. Journal of Intelligent and Fuzzy Systems, 2020, 38, 5811-5820. | 1.4 | 14 |
| 49 | SIAT-3DFE: A High-Resolution 3D Facial Expression Dataset. IEEE Access, 2020, 8, 48205-48211. | 4.2 | 10 |
| 50 | In Situ Spectroscopic Investigations of Electrochemical Oxygen Reduction and Evolution Reactions in Cyclic Carbonate Electrolyte Solutions. Journal of Physical Chemistry C, 2020, 124, 15781-15792. | 3.1 | 16 |
| 51 | A stable high-voltage lithium-ion battery realized by an in-built water scavenger. Energy and Environmental Science, 2020, 13, 1197-1204. | 30.8 | 67 |
| 52 | Region Attention Networks for Pose and Occlusion Robust Facial Expression Recognition. IEEE Transactions on Image Processing, 2020, 29, 4057-4069. | 9.8 | 462 |
| 53 | MEAD: A Large-Scale Audio-Visual Dataset for Emotional Talking-Face Generation. Lecture Notes in Computer Science, 2020, , 700-717. | 1.3 | 56 |
| 54 | Unraveling the anionic oxygen loss and related structural evolution within O3-type Na layered oxide cathodes. Journal of Materials Chemistry A, 2019, 7, 20405-20413. | 10.3 | 23 |

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|---|---|---|---|
| 55 | H2O self-trapping air cathode of Liâ€“O2 battery enabling low charge potential operating in dry system. Nano Energy, 2019, 64, 103945. | 16.0 | 23 |
| 56 | A Literature Review: Geometric Methods and Their Applications in Human-Related Analysis. Sensors, 2019, 19, 2809. | 3.8 | 2 |
| 57 | Understanding the effect of the concentration of LiNO<sub>3</sub> salt in Liâ€“O<sub>2</sub> batteries. Journal of Materials Chemistry A, 2019, 7, 18318-18323. | 10.3 | 16 |
| 58 | Advanced Hybrid Electrolyte Li-O2 Battery Realized by Dual Superlyophobic Membrane. Joule, 2019, 3, 2986-3001. | 24.0 | 56 |
| 59 | Intelligent Glaucoma Diagnosis Via Active Learning And Adversarial Data Augmentation. , 2019, , . | | 6 |
| 60 | Exploring Emotion Features and Fusion Strategies for Audio-Video Emotion Recognition. , 2019, , . | | 42 |
| 61 | Restraining Oxygen Loss and Suppressing Structural Distortion in a Newly Ti-Substituted Layered Oxide P2-Na<sub>0.66</sub>Li<sub>0.22</sub>Ti<sub>0.15</sub>Mn<sub>0.63</sub>O<sub>2</sub>. ACS Energy Letters, 2019, 4, 2409-2417. | 17.4 | 112 |
| 62 | A Comprehensive Study on Center Loss for Deep Face Recognition. International Journal of Computer Vision, 2019, 127, 668-683. | 15.6 | 64 |
| 63 | A New Type of Liâ€Rich Rockâ€Salt Oxide Li<sub>2</sub>Ni<sub>1/3</sub>Ru<sub>2/3</sub>O<sub>3</sub> with Reversible Anionic Redox Chemistry. Advanced Materials, 2019, 31, e1807825. | 21.0 | 90 |
| 64 | Mutual Component Convolutional Neural Networks for Heterogeneous Face Recognition. IEEE Transactions on Image Processing, 2019, 28, 3102-3114. | 9.8 | 50 |
| 65 | Developing A â€œPolysulfideâ€Phobicâ€•Strategy to Restrain Shuttle Effect in Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2019, 131, 11900-11904. | 2.0 | 24 |
| 66 | Killing two birds with one stone: a Cu ion redox mediator for a non-aqueous Liâ€“O<sub>2</sub> battery. Journal of Materials Chemistry A, 2019, 7, 17261-17265. | 10.3 | 34 |
| 67 | Joint retina segmentation and classification for early glaucoma diagnosis. Biomedical Optics Express, 2019, 10, 2639. | 2.9 | 38 |
| 68 | Manganeseâ€Based Naâ€Rich Materials Boost Anionic Redox in Highâ€Performance Layered Cathodes for Sodiumâ€Ion Batteries. Advanced Materials, 2019, 31, e1807770. | 21.0 | 113 |
| 69 | The potential of electrolyte filled MOF membranes as ionic sieves in rechargeable batteries. Energy and Environmental Science, 2019, 12, 2327-2344. | 30.8 | 125 |
| 70 | Suppressing Model Overfitting for Image Super-Resolution Networks. , 2019, , . | | 28 |
| 71 | Orientation Robust Scene Text Recognition in Natural Scene. , 2019, , . | | 3 |
| 72 | RankSRGAN: Generative Adversarial Networks With Ranker for Image Super-Resolution. , 2019, , . | | 187 |

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|---|---|---|---|
| 73 | MetaCleaner: Learning to Hallucinate Clean Representations for Noisy-Labeled Visual Recognition. , 2019, , . | | 55 |
| 74 | PA3D: Pose-Action 3D Machine for Video Recognition. , 2019, , . | | 46 |
| 75 | The Equipment Nameplate Dataset for Scene Text Detection and Recognitionâˆ—. , 2019, , . | | 2 |
| 76 | Robust Text Line Detection in Equipment Nameplate Images*. , 2019, , . | | 5 |
| 77 | Modulating Image Restoration With Continual Levels via Adaptive Feature Modification Layers. , 2019, , . | | 55 |
| 78 | A high-energy-density and long-life lithium-ion battery via reversible oxideâ€“peroxide conversion. Nature Catalysis, 2019, 2, 1035-1044. | 34.4 | 150 |
| 79 | Temporal Segment Networks for Action Recognition in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2740-2755. | 13.9 | 446 |
| 80 | Conjugated Microporous Polymers with Tunable Electronic Structure for High-Performance Potassium-Ion Batteries. ACS Nano, 2019, 13, 745-754. | 14.6 | 162 |
| 81 | NonAqueous, Metal-Free, and Hybrid Electrolyte Li-Ion O<sub>2</sub> Battery with a Single-Ion-Conducting Separator. ACS Applied Materials & Interfaces, 2019, 11, 4908-4914. | 8.0 | 14 |
| 82 | DeepDeblur: text image recovery from blur to sharp. Multimedia Tools and Applications, 2019, 78, 18869-18885. | 3.9 | 15 |
| 83 | Bootstrap Model Ensemble and Rank Loss for Engagement Intensity Regression. , 2019, , . | | 9 |
| 84 | Recent advances in functional modification of separators in lithiumâ€“sulfur batteries. Dalton Transactions, 2018, 47, 6881-6887. | 3.3 | 61 |
| 85 | Both Cationic and Anionic Co-(de)intercalation into a Metal-Oxide Material. Joule, 2018, 2, 1134-1145. | 24.0 | 107 |
| 86 | Direct Visualization of the Reversible O<sup>2â^'</sup>/O<sup>â^'</sup> Redox Process in Liâ€Rich Cathode Materials. Advanced Materials, 2018, 30, e1705197. | 21.0 | 264 |
| 87 | Recurrent Spatial-Temporal Attention Network for Action Recognition in Videos. IEEE Transactions on Image Processing, 2018, 27, 1347-1360. | 9.8 | 149 |
| 88 | Real-Time Action Recognition With Deeply Transferred Motion Vector CNNs. IEEE Transactions on Image Processing, 2018, 27, 2326-2339. | 9.8 | 118 |
| 89 | Reversible anionic redox activity in Na<sub>3</sub>RuO<sub>4</sub> cathodes: a prototype Na-rich layered oxide. Energy and Environmental Science, 2018, 11, 299-305. | 30.8 | 126 |
| 90 | Tailoring Sodium Anodes for Stable Sodiumâ€“Oxygen Batteries. Advanced Functional Materials, 2018, 28, 1706374. | 14.9 | 63 |

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|---|---|---|---|
| 91 | MOF-Based Separator in an Liâ€“O<sub>2</sub> Battery: An Effective Strategy to Restrain the Shuttling of Dual Redox Mediators. ACS Energy Letters, 2018, 3, 463-468. | 17.4 | 151 |
| 92 | Amorphous P<sub>2</sub>S<sub>5</sub>/C Composite as High-Performance Anode Materials for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 16-20. | 8.0 | 20 |
| 93 | Clean Electrocatalysis in a Li<sub>2</sub>O<sub>2</sub> Redox-Based Liâ€“O<sub>2</sub> Battery Built with a Hydrate-Melt Electrolyte. ACS Catalysis, 2018, 8, 1082-1089. | 11.2 | 23 |
| 94 | A single ion conducting separator and dual mediator-based electrolyte for high-performance lithiumâ€“oxygen batteries with non-carbon cathodes. Journal of Materials Chemistry A, 2018, 6, 9816-9822. | 10.3 | 37 |
| 95 | Porous hybrid aerogels with ultrahigh sulfur loading for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2018, 6, 9032-9040. | 10.3 | 33 |
| 96 | Li<sub>2</sub>CO<sub>3</sub>-free Liâ€“O<sub>2</sub>/CO<sub>2</sub> battery with peroxide discharge product. Energy and Environmental Science, 2018, 11, 1211-1217. | 30.8 | 120 |
| 97 | Solar-driven efficient Li2O2 oxidation in solid-state Li-ion O2 batteries. Energy Storage Materials, 2018, 11, 170-175. | 18.0 | 51 |
| 98 | Transferring Deep Object and Scene Representations for Event Recognition in Still Images. International Journal of Computer Vision, 2018, 126, 390-409. | 15.6 | 35 |
| 99 | Minimizing the Abnormal High-Potential Discharge Process Related to Redox Mediators in Lithiumâ€“Oxygen Batteries. Journal of Physical Chemistry Letters, 2018, 9, 6761-6766. | 4.6 | 10 |
| 100 | Automatic differentiation of Glaucoma visual field from non-glaucoma visual filed using deep convolutional neural network. BMC Medical Imaging, 2018, 18, 35. | 2.7 | 81 |
| 101 | Highâ€Voltage Liâ€Ion Fullâ€Cells with Ultralong Term Cycle Life at Elevated Temperature. Advanced Energy Materials, 2018, 8, 1802322. | 19.5 | 34 |
| 102 | High-Power Li-Metal Anode Enabled by Metal-Organic Framework Modified Electrolyte. Joule, 2018, 2, 2117-2132. | 24.0 | 227 |
| 103 | WildFish. , 2018, , . | | 34 |
| 104 | Simultaneously Inhibiting Lithium Dendrites Growth and Polysulfides Shuttle by a Flexible MOFâ€Based Membrane in Liâ€“S Batteries. Advanced Energy Materials, 2018, 8, 1802130. | 19.5 | 223 |
| 105 | A Multifunctional Sillyâ€Putty Nanocomposite Spontaneously Repairs Cathode Composite for Advanced Liâ^'S Batteries. Advanced Functional Materials, 2018, 28, 1804777. | 14.9 | 52 |
| 106 | A Hybrid Electrolytes Design for Capacityâ€Equivalent Dualâ€Graphite Battery with Superior Longâ€Term Cycle Life. Advanced Energy Materials, 2018, 8, 1801120. | 19.5 | 50 |
| 107 | A phase-transition-free cathode for sodium-ion batteries with ultralong cycle life. Nano Energy, 2018, 52, 88-94. | 16.0 | 58 |
| 108 | An ultrafast rechargeable lithium metal battery. Journal of Materials Chemistry A, 2018, 6, 15517-15522. | 10.3 | 43 |

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|---|---|---|---|
| 109 | A Highâ€Crystalline NaV<sub>1.25</sub>Ti<sub>0.75</sub>O<sub>4</sub> Anode for Wideâ€Temperature Sodiumâ€Ion Battery. Advanced Energy Materials, 2018, 8, 1801162. | 19.5 | 41 |
| 110 | Find and Focus: Retrieve and Localize Video Events with Natural Language Queries. Lecture Notes in Computer Science, 2018, , 202-218. | 1.3 | 44 |
| 111 | Super-Identity Convolutional Neural Network for Face Hallucination. Lecture Notes in Computer Science, 2018, , 196-211. | 1.3 | 79 |
| 112 | Improving scale invariant feature transform with local color contrastive descriptor for image classification. Journal of Electronic Imaging, 2017, 26, 013015. | 0.9 | 4 |
| 113 | Knowledge Guided Disambiguation for Large-Scale Scene Classification With Multi-Resolution CNNs. IEEE Transactions on Image Processing, 2017, 26, 2055-2068. | 9.8 | 117 |
| 114 | Boosting the Cycle Life of Liâ€“O<sub>2</sub> Batteries at Elevated Temperature by Employing a Hybrid Polymerâ€“Ceramic Solid Electrolyte. ACS Energy Letters, 2017, 2, 1378-1384. | 17.4 | 71 |
| 115 | A reversible lithiumâ€“CO<sub>2</sub> battery with Ru nanoparticles as a cathode catalyst. Energy and Environmental Science, 2017, 10, 972-978. | 30.8 | 285 |
| 116 | From O<sub>2</sub><sup>â^'</sup> to HO<sub>2</sub><sup>â^'</sup>: Reducing Byâ€Products and Overpotential in Liâ€O<sub>2</sub> Batteries by Water Addition. Angewandte Chemie - International Edition, 2017, 56, 4960-4964. | 13.8 | 133 |
| 117 | From O<sub>2</sub><sup>â^'</sup> to HO<sub>2</sub><sup>â^'</sup>: Reducing Byâ€Products and Overpotential in Liâ€O<sub>2</sub> Batteries by Water Addition. Angewandte Chemie, 2017, 129, 5042-5046. | 2.0 | 31 |
| 118 | NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results. , 2017, , . | | 645 |
| 119 | Unraveling the Complex Role of Iodide Additives in Liâ€“O<sub>2</sub> Batteries. ACS Energy Letters, 2017, 2, 1869-1878. | 17.4 | 102 |
| 120 | Li-CO2 Electrochemistry: A New Strategy for CO2 Fixation and Energy Storage. Joule, 2017, 1, 359-370. | 24.0 | 325 |
| 121 | A Superâ€Hydrophobic Quasiâ€Solid Electrolyte for Liâ€O<sub>2</sub> Battery with Improved Safety and Cycle Life in Humid Atmosphere. Advanced Energy Materials, 2017, 7, 1601759. | 19.5 | 128 |
| 122 | Locally Supervised Deep Hybrid Model for Scene Recognition. IEEE Transactions on Image Processing, 2017, 26, 808-820. | 9.8 | 68 |
| 123 | Single Shot Text Detector with Regional Attention. , 2017, , . | | 227 |
| 124 | Organic hydrogen peroxide-driven low charge potentials for high-performance lithium-oxygen batteries with carbon cathodes. Nature Communications, 2017, 8, 15607. | 12.8 | 53 |
| 125 | A Key Volume Mining Deep Framework for Action Recognition. , 2016, , . | | 166 |
| 126 | Real-Time Action Recognition with Enhanced Motion Vector CNNs. , 2016, , . | | 238 |

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|---|---|---|---|
| 127 | Latent Factor Guided Convolutional Neural Networks for Age-Invariant Face Recognition. , 2016, , . | | 100 |
| 128 | Spectroscopic Investigation for Oxygen Reduction and Evolution Reactions on Carbon Electrodes in Liâ€“O<sub>2</sub> Battery. Journal of Physical Chemistry C, 2016, 120, 8033-8047. | 3.1 | 42 |
| 129 | Adaptive Part-Level Model Knowledge Transfer for Gender Classification. IEEE Signal Processing Letters, 2016, 23, 888-892. | 3.6 | 2 |
| 130 | Bag of visual words and fusion methods for action recognition: Comprehensive study and good practice. Computer Vision and Image Understanding, 2016, 150, 109-125. | 4.7 | 459 |
| 131 | Temporal Segment Networks: Towards Good Practices for Deep Action Recognition. Lecture Notes in Computer Science, 2016, , 20-36. | 1.3 | 1,555 |
| 132 | A Discriminative Feature Learning Approach for Deep Face Recognition. Lecture Notes in Computer Science, 2016, , 499-515. | 1.3 | 1,634 |
| 133 | Joint Face Detection and Alignment Using Multitask Cascaded Convolutional Networks. IEEE Signal Processing Letters, 2016, 23, 1499-1503. | 3.6 | 3,770 |
| 134 | MoFAP: A Multi-level Representation for Action Recognition. International Journal of Computer Vision, 2016, 119, 254-271. | 15.6 | 102 |
| 135 | Spectroscopic Investigation for Oxygen Reduction and Evolution Reactions with Tetrathiafulvalene as a Redox Mediator in Liâ€“O<sub>2</sub> Battery. Journal of Physical Chemistry C, 2016, 120, 15830-15845. | 3.1 | 75 |
| 136 | Better Exploiting OS-CNNs for Better Event Recognition in Images. , 2015, , . | | 14 |
| 137 | Action recognition with trajectory-pooled deep-convolutional descriptors. , 2015, , . | | 767 |
| 138 | Object-Scene Convolutional Neural Networks for event recognition in images. , 2015, , . | | 56 |
| 139 | Latent Hierarchical Model of Temporal Structure for Complex Activity Classification. IEEE Transactions on Image Processing, 2014, 23, 810-822. | 9.8 | 86 |
| 140 | Common Feature Discriminant Analysis for Matching Infrared Face Images to Optical Face Images. IEEE Transactions on Image Processing, 2014, 23, 2436-2445. | 9.8 | 36 |
| 141 | Multi-view Super Vector for Action Recognition. , 2014, , . | | 144 |
| 142 | Pairwise Rotation Invariant Co-Occurrence Local Binary Pattern. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2199-2213. | 13.9 | 239 |
| 143 | Synthesis and electrochemical properties of porous double-shelled Mn2O3 hollow microspheres as a superior anode material for lithium ion batteries. Electrochimica Acta, 2014, 132, 323-331. | 5.2 | 39 |
| 144 | Video Action Detection with Relational Dynamic-Poselets. Lecture Notes in Computer Science, 2014, , 565-580. | 1.3 | 66 |

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|---|---|---|---|
| 145 | Synthesis and electrochemical properties of high performance yolk-structured LiMn<sub>2</sub>O<sub>4</sub>microspheres for lithium ion batteries. Journal of Materials Chemistry A, 2013, 1, 860-867. | 10.3 | 32 |
| 146 | Mining Motion Atoms and Phrases for Complex Action Recognition. , 2013, , . | | 58 |
| 147 | Motionlets: Mid-level 3D Parts for Human Motion Recognition. , 2013, , . | | 142 |
| 148 | Unsupervised optimal phoneme segmentation: theory and experimental evaluation. IET Signal Processing, 2013, 7, 577-586. | 1.5 | 58 |
| 149 | Electrostatic spray deposition of porous Fe2V4O13 films as electrodes for Li-ion batteries. Journal of Alloys and Compounds, 2012, 520, 77-82. | 5.5 | 26 |
| 150 | Facile synthesis of micrometer Li1.05Mn1.95O4 and its low temperature performance for high power lithium ion batteries. Electrochimica Acta, 2012, 81, 191-196. | 5.2 | 18 |
| 151 | A facile route to synthesize nano-MnO/C composites and their application in lithium ion batteries. Chemical Engineering Journal, 2012, 192, 226-231. | 12.7 | 53 |
| 152 | Three-dimensional porous Fe0.1V2O5.15 thin film as a cathode material for lithium ion batteries. Electrochimica Acta, 2012, 64, 81-86. | 5.2 | 45 |
| 153 | Face recognition based on gradient gabor feature and Efficient Kernel Fisher analysis. Neural Computing and Applications, 2010, 19, 617-623. | 5.6 | 20 |
| 154 | A Study on Invariance of $f$-Divergence and Its Application to Speech Recognition. IEEE Transactions on Signal Processing, 2010, 58, 3884-3890. | 5.3 | 50 |
| 155 | A Theory of Phase Singularities for Image Representation and its Applications to Object Tracking and Image Matching. IEEE Transactions on Image Processing, 2009, 18, 2153-2166. | 9.8 | 25 |
| 156 | A study on Hidden Structural Model and its application to labeling sequences. , 2009, , . | | 5 |