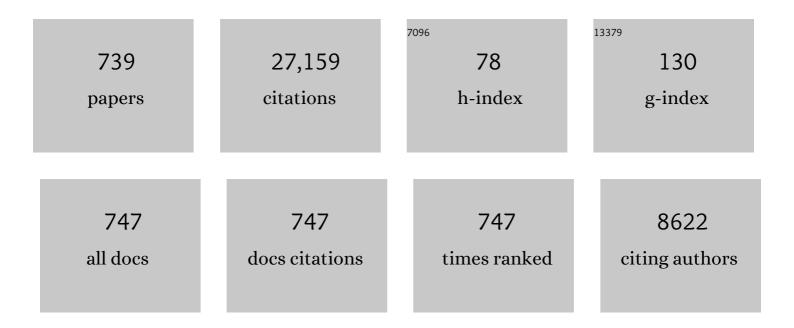
Brian D O Anderson

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
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| 1 | Distributed Optimization for Graph Matching. IEEE Transactions on Cybernetics, 2023, 53, 4815-4828. | 9.5 | 1 |
| 2 | Applications of the Poincaré–Hopf Theorem: Epidemic Models and Lotka–Volterra Systems. IEEE Transactions on Automatic Control, 2022, 67, 1609-1624. | 5.7 | 15 |
| 3 | Convergence and Equilibria Analysis of a Networked Bivirus Epidemic Model. SIAM Journal on Control and Optimization, 2022, 60, S323-S346. | 2.1 | 10 |
| 4 | Mediated Remote Synchronization of Kuramoto-Sakaguchi Oscillators: The Number of Mediators Matters. , 2021, 5, 767-772. | | 12 |
| 5 | Collaborative Target-Tracking Control Using Multiple Fixed-Wing Unmanned Aerial Vehicles with Constant Speeds. Journal of Guidance, Control, and Dynamics, 2021, 44, 238-250. | 2.8 | 11 |
| 6 | Cooperative Event-Based Rigid Formation Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4308-4320. | 9.3 | 9 |
| 7 | Mathematical Models of Self-Appraisal in Social Networks. Journal of Systems Science and Complexity, 2021, 34, 1604-1633. | 2.8 | 2 |
| 8 | Refining dichotomy convergence in vector-field guided path-following control. , 2021, , . | | 2 |
| 9 | Event-Based Multiagent Consensus Control: Zeno-Free Triggering via \$mathcal{L}^p\$ Signals. IEEE Transactions on Cybernetics, 2020, 50, 284-296. | 9.5 | 70 |
| 10 | Lyapunov Criterion for Stochastic Systems and Its Applications in Distributed Computation. IEEE Transactions on Automatic Control, 2020, 65, 546-560. | 5.7 | 15 |
| 11 | 3-D Relative Localization of Mobile Systems Using Distance-Only Measurements via Semidefinite Optimization. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1903-1916. | 4.7 | 21 |
| 12 | Scalable, Distributed Algorithms for Solving Linear Equations via Double-Layered Networks. IEEE Transactions on Automatic Control, 2020, 65, 1132-1143. | 5.7 | 21 |
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| 14 | Cooperative Localization of a GPS-Denied UAV Using Direction-of-Arrival Measurements. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1966-1978. | 4.7 | 34 |
| 15 | Consensus and Disagreement of Heterogeneous Belief Systems in Influence Networks. IEEE Transactions on Automatic Control, 2020, 65, 4679-4694. | 5.7 | 14 |
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| 17 | Distributed Algorithms with Finite Data Rates that Solve Linear Equations. SIAM Journal on Optimization, 2020, 30, 1191-1222. | 2.0 | 16 |
| 18 | Improved Doppler Positioning Techniques for Stand-Off Scenarios. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3375-3383. | 4.7 | 1 |

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| 19 | Continuous-time opinion dynamics on multiple interdependent topics. Automatica, 2020, 115, 108884. | 5.0 | 35 |
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| 21 | Communication-Efficient Distributed Algorithms for Solving Linear Algebraic Equations over Directed Graphs. , 2020, , . | | 3 |
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| 23 | Extrema without convexity and stability without Lyapunov. Communications in Information and Systems, 2020, 20, 253-281. | 0.5 | 2 |
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| 154 | Adaptive rangeâ€measurementâ€based target pursuit. International Journal of Adaptive Control and Signal Processing, 2013, 27, 66-81. | 4.1 | 49 |
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| 162 | Certifying non-existence of undesired locally stable equilibria in formation shape control problems. , | | 3 |

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| 163 | Equivariant Morse theory and formation control. , 2013, , . | | 19 |
| 164 | Analytical characterization of computationally efficient localization techniques. , 2013, , . | | 0 |
| 165 | On modeling of tall linear systems with multirate outputs. , 2013, , . | | 0 |
| 166 | Translational velocity consensus using distance-only measurements. , 2013, , . | | 4 |
| 167 | Zeros of networks of linear multi-agent systems: Time-invariant interconnections. , 2013, , . | | 2 |
| 168 | On the properties of linear multirate systems with coprime output rates. , 2013, , . | | 0 |
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| 170 | Opportunistic broadcast in mobile ad-hoc networks subject to channel randomness. , 2013, , . | | 3 |
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| 177 | On the information propagation process in multi-lane vehicular ad-hoc networks. , 2012, , . | | 12 |
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| 199 | Combining distance-based formation shape control with formation translation. , 2012, , 121-130. | | 29 |
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| 202 | Stabilization of rigid formations with direction-only constraints. , 2011, , . | | 62 |
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On the zeros of blocked linear systems with single and mixed frequency data. , 2011, , . 216

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