# Andrzej K Nowak

List of Publications by Year
in descending order



| 126 | 3,911 | 186209 28 | 133188 59 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 136 | 136 | 136 | 2344 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | From private attitude to public opinion: A dynamic theory of social impact.. Psychological Review, 1990, 97, 362-376. | 2.7 | 722 |
| 2 | Distance Matters: Physical Space and Social Impact. Personality and Social Psychology Bulletin, 1995, 21, 795-805. | 1.9 | 271 |
| 3 | The Dynamical Perspective in Personality and Social Psychology. Personality and Social Psychology Review, 2002, 6, 264-273. | 3.4 | 202 |
| 4 | The Emergence of Dynamical Social Psychology. Psychological Inquiry, 1997, 8, 73-99. | 0.4 | 180 |
| 5 | Statistical mechanics of social impact. Physical Review A, 1992, 45, 763-776. | 1.0 | 167 |
| 6 | Society of self: The emergence of collective properties in self-structure.. Psychological Review, 2000, 107, 39-61. | 2.7 | 163 |
| 7 | Rethinking intractable conflict: The perspective of dynamical systems.. American Psychologist, 2010, 65, 262-278. | 3.8 | 155 |
| 8 | Intractable Conflict as an Attractor. American Behavioral Scientist, 2007, 50, 1454-1475. | 2.3 | 149 |
| 9 | Measuring emergent social phenomena: Dynamism, polarization, and clustering as order parameters of social systems. Systems Research and Behavioral Science, 1994, 39, 1-24. | 0.2 | 129 |
| 10 | The Evolutionary Basis of Honor Cultures. Psychological Science, 2016, 27, 12-24. | 1.8 | 120 |
| 11 | The emergence of personality: Dynamic foundations of individual variationâ˜†. Developmental Review, 2005, 25, 351-385. | 2.6 | 81 |
| 12 | The Dynamics of Self-Evaluation. Personality and Social Psychology Review, 2002, 6, 370-379. | 3.4 | 78 |
| 13 | Intrinsic dynamics of social judgment.. Journal of Personality and Social Psychology, 1994, 67, 20-34. | 2.6 | 75 |
| 14 | Dynamical Minimalism: Why Less is More in Psychology. Personality and Social Psychology Review, 2004, 8, 183-192. | 3.4 | 70 |
| 15 | The Intrinsic Dynamics of Psychological Process. Current Directions in Psychological Science, 2015, 24, 58-64. | 2.8 | 67 |
| 16 | Modeling Social Change with Cellular Automata. , 1996, , 249-285. | | 62 |
| 17 | Social entrepreneurs and constructive change: The wisdom of circumventing conflict.. Peace and Conflict, 2010, 16, 153-174. | 0.2 | 60 |
| 18 | The psychological structure of aggression across cultures. Journal of Organizational Behavior, 2013, 34, 835-865. | 2.9 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Hidden dimensions: the stability and structure of regional political cleavages in Poland. Communist and Post-Communist Studies, 2000, 33, 331-354. | 0.2 | 47 |
| 20 | Dynamics of two-actor cooperationâ€“competition conflict models. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6360-6378. | 1.2 | 47 |
| 21 | Transforming Big Data into Collective Awareness. Computer, 2013, 46, 40-45. | 1.2 | 45 |
| 22 | Dynamical Patterns in Bipolar Depression. Personality and Social Psychology Review, 2002, 6, 380-387. | 3.4 | 44 |
| 23 | Functional Synchronization: The Emergence of Coordinated Activity in Human Systems. Frontiers in Psychology, 2017, 8, 945. | 1.1 | 36 |
| 24 | Assessing Artificial Intelligence for Humanity: Will AI be the Our Biggest Ever Advance ? or the Biggest Threat [Opinion]. IEEE Technology and Society Magazine, 2018, 37, 26-34. | 0.6 | 34 |
| 25 | Fully Connected Neural Networks with Self-Control of Noise Levels. Physical Review Letters, 1989, 62, 225-228. | 2.9 | 33 |
| 26 | â€˜Numerical trapâ€™. A new look at outcome representation in studies on choice behaviour. European Journal of Social Psychology, 1988, 18, 143-159. | 1.5 | 32 |
| 27 | The coherent and fluent mind: how unified consciousness is constructed from cross-modal inputs via integrated processing experiences. Frontiers in Psychology, 2015, 6, 83. | 1.1 | 31 |
| 28 | The Face of the Chameleon: The Experience of Facial Mimicry for the Mimicker and the Mimickee. Journal of Social Psychology, 2015, 155, 590-604. | 1.0 | 30 |
| 29 | Recognition with self-control in neural networks. Physical Review A, 1989, 40, 4652-4664. | 1.0 | 29 |
| 30 | Dynamics of social coordination. Interaction Studies, 2005, 6, 35-52. | 0.4 | 28 |
| 31 | Getting Down to Basics: A Situated Model of Conflict in Social Relations. Negotiation Journal, 2012, 28, 7-43. | 0.3 | 27 |
| 32 | Attracted to Conflict: Dynamic Foundations of Destructive Social Relations. , 2013, , . | | 26 |
| 33 | The Reinvention of Social Capital for Socio-Technical Systems [Special Section Introduction]. IEEE Technology and Society Magazine, 2014, 33, 27-80. | 0.6 | 23 |
| 34 | In Sync. Understanding Complex Systems, 2020, , . | 0.3 | 23 |
| 35 | Simulating the coordination of individual economic decisions. Physica A: Statistical Mechanics and Its Applications, 2000, 287, 613-630. | 1.2 | 22 |
| 36 | Reconstructing ripeness I: A study of constructive engagement in protracted social conflicts. Conflict Resolution Quarterly, 2008, 26, 3-42. | 0.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Seeking Sustainable Solutions: Using an Attractor Simulation Platform for Teaching Multistakeholder Negotiation in Complex Cases. Negotiation Journal, 2010, 26, 49-68. | 0.3 | 22 |
| 38 | Intrinsic dynamics of state self-esteem: The role of self-concept clarity. Personality and Individual Differences, 2016, 100, 167-172. | 1.6 | 22 |
| 39 | Peace is in movement: A dynamical systems perspective on the emergence of peace in Mozambique.. Peace and Conflict, 2010, 16, 211-230. | 0.2 | 21 |
| 40 | â€œPrice-Quakesâ€•Shaking the World's Stock Exchanges. PLoS ONE, 2011, 6, e26472. | 1.1 | 20 |
| 41 | Rethinking Intractable Conflict: The Perspective of Dynamical Systems. , 2011, , 65-94. | | 20 |
| 42 | From crude law to civil relations: The dynamics and potential resolution of intractable conflict.. Peace and Conflict, 2010, 16, 189-209. | 0.2 | 17 |
| 43 | Rethinking Approach and Avoidance in Achievement Contexts: The Perspective of Dynamical Systems. Review of General Psychology, 2015, 19, 443-457. | 2.1 | 17 |
| 44 | Nonlinear societal change: The perspective of dynamical systems. British Journal of Social Psychology, 2019, 58, 105-128. | 1.8 | 16 |
| 45 | Why Simulate? To Develop a Mental Model. Jasss, 2013, 16, . | 1.0 | 16 |
| 46 | Dynamics in the Coordination of Mind and Action. , 1998, , 27-59. | | 15 |
| 47 | The Critical Few: Anticonformists at the Crossroads of Minority Opinion Survival and Collapse. Jasss, 2015, 18, . | 1.0 | 15 |
| 48 | Intractable Conflict as an Attractor: Presenting a Dynamical Model of Conflict, Escalation, and Intractability. SSRN Electronic Journal, 0, , . | 0.4 | 15 |
| 49 | Constructing a Network of Shared Agreement: A Model of Communication Processes in Negotiations. Group Decision and Negotiation, 2010, 19, 591-620. | 2.0 | 14 |
| 50 | Landscapes of self-reflection: Mapping the peaks and valleys of personal assessment.. , 2000, , 35-65. | | 14 |
| 51 | Homophily as a Process Generating Social Networks: Insights from Social Distance Attachment Model. Jasss, 2020, 23, . | 1.0 | 14 |
| 52 | Dynamical foundations of intractable conflict: Introduction to the special issue.. Peace and Conflict, 2010, 16, 113-125. | 0.2 | 13 |
| 53 | Short and Long Term Investor Synchronization Caused by Decoupling. PLoS ONE, 2012, 7, e50700. | 1.1 | 13 |
| 54 | Autocorrelations ofR-Rdistributions as a measure of heart variability. Physical Review E, 1997, 56, 3725-3727. | 0.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Fractal dynamics in self-evaluation reveal self-concept clarity. Nonlinear Dynamics, Psychology, and Life Sciences, 2014, 18, 349-69. | 0.2 | 11 |
| 56 | A visually induced illusion of body tilt in a horizontal plane. Perception & Psychophysics, 1982, 31, 268-272. | 2.3 | 9 |
| 57 | Dimension of interaction dynamics. Physical Review E, 2001, 63, 036221. | 0.8 | 9 |
| 58 | Understanding the spread of malignant conflict: A dynamical systems perspective.. Peace and Conflict, 2010, 16, 127-151. | 0.2 | 9 |
| 59 | Intractable Conflict as an Attractor: Presenting a Dynamical-Systems Approach to Conflict, Escalation, and Intractability. SSRN Electronic Journal, 2007, , . | 0.4 | 8 |
| 60 | Sustainable Peace: A Dynamical Systems Perspective. , 2012, , 265-281. | | 8 |
| 61 | Modeling the temporal coordination of behavior and internal states. International Journal of Modeling, Simulation, and Scientific Computing, 2000, 03, 67-86. | 0.9 | 7 |
| 62 | When sounds look right and images sound correct: Cross-modal coherence enhances claims of pattern presence. Cognition, 2013, 129, 273-278. | 1.1 | 7 |
| 63 | Social, Psychological and Technological Determinants of Energy Use. IEEE Technology and Society Magazine, 2014, 33, 42-47. | 0.6 | 7 |
| 64 | Privacy-by-Norms Privacy Expectations in Online Interactions. , 2015, , . | | 7 |
| 65 | Medium Moderates the Message. How Users Adjust Their Communication Trajectories to Different Media in Collaborative Task Solving. PLoS ONE, 2016, 11, e0157827. | 1.1 | 7 |
| 66 | Behavioral Finance. , 2013, , 25-58. | | 7 |
| 67 | The Dynamics of Societal Transition: Modeling Nonlinear Change in the Polish Economic System. International Journal of Sociology, 2005, 35, 65-88. | 0.9 | 6 |
| 68 | Democratizing Platforms for Social Coordination. IEEE Technology and Society Magazine, 2019, 38, 43-50. | 0.6 | 6 |
| 69 | Pricing stocks with yardsticks and sentiments. Algorithmic Finance, 2012, 1, 183-190. | 0.3 | 5 |
| 70 | The Dynamics of Human Experience: Fundamentals of Dynamical Social Psychology. , 2008, , 370-401. | | 4 |
| 71 | Interpersonal Fluency: Toward a Model of Coordination and Affect in Social Relations. Understanding Complex Systems, 2013, , 171-190. | 0.3 | 4 |
| 72 | Repeller neural networks. Physical Review E, 1993, 48, 4091-4094. | 0.8 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Dynamical Social Psychology: The Next Iteration. Psychological Inquiry, 1997, 8, 152-160. | 0.4 | 3 |
| 74 | Dynamics of cognition-emotion interface: Coherence breeds familiarity and liking, and does it fast. Behavioral and Brain Sciences, 2005, 28, 222-223. | 0.4 | 3 |
| 75 | Why Do Conflicts Become Intractable? The Dynamical Perspective on Malignant Social Relations. , 2012, , . | | 3 |
| 76 | NO NEED FOR SPEED: MODELING TREND ADOPTION IN A HETEROGENEOUS POPULATION. International Journal of Modeling, Simulation, and Scientific Computing, 2013, 16, 1350025. | 0.9 | 3 |
| 77 | Attractor landscapes and reaction functions in escalation and de-escalation. International Journal of Conflict Management, 2014, 25, 387-406. | 1.0 | 3 |
| 78 | Novelty based feedback regulation in artificial neural networks. Acta Neurobiologiae Experimentalis, 2005, 65, 453-63. | 0.4 | 3 |
| 79 | The Effect of Context and Individual Differences in Humanâ€Generated Randomness. Cognitive Science, 2021, 45, e13072. | 0.8 | 3 |
| 80 | LOCAL NOISE IN NEURAL NETWORKS MODELS WITH SELF-CONTROL. International Journal of Neural Systems, 1994, 05, 287-298. | 3.2 | 2 |
| 81 | Dynamical Social Psychology: An Introduction. Understanding Complex Systems, 2013, , 1-19. | 0.3 | 2 |
| 82 | Overview: Conflict in Human Experience. , 2013, , 1-18. | | 2 |
| 83 | Collective Awareness and the New Institution Science. , 2014, , 173-188. | | 2 |
| 84 | Prosody of Text Communication? How to Induce Synchronization and Coherence in Chat Conversations. International Journal of Human-Computer Interaction, 2019, 35, 1586-1595. | 3.3 | 2 |
| 85 | Integration and expression: The complementary functions of selfâ€reflection. Journal of Personality, 2023, 91, 947-962. | 1.8 | 2 |
| 86 | SMARTNET: a neural net with self-controlled learning. Network: Computation in Neural Systems, 1995, 6, 93-101. | 2.2 | 1 |
| 87 | Traps: Intractable Conflict as a Dynamical System. , 2013, , 103-136. | | 1 |
| 88 | Finding order in the flow of personality: Dynamical systems techniques for measuring personality coherence and change. , 2021, , 985-1011. | | 1 |
| 89 | Predicting conflict-prone disputes using the structure of turn-taking: the case of Wikipedia. Information, Communication and Society, 2022, 25, 1987-2005. | 2.6 | 1 |
| 90 | Information and Influence in Social Networks. Lecture Notes in Computer Science, 2006, , 1-1. | 1.0 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Social Psychology and the Narrative Economy. Understanding Complex Systems, 2017, , 45-58. | 0.3 | 1 |
| 92 | Origins: The Promise of Dynamical Systems Theory. , 2013, , 19-52. | | 1 |
| 93 | Studying Trajectories of Conflict Escalation. Advances in Group Decision and Negotation, 2013, , 145-156. | 0.1 | 1 |
| 94 | Modelling Intergroup Conflict Escalation and De-Escalation. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 95 | Mental Models in the Visualization of Conflict Escalation and Entrapment: Biases and Alternatives. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 96 | Tackling the Great Debate. , 2011, , 273-288. | | 1 |
| 97 | Sustainability: The Dynamics of Enduring Peace. , 2013, , 165-189. | | 1 |
| 98 | Synchronization in Groups and Societies. Understanding Complex Systems, 2020, , 113-136. | 0.3 | 1 |
| 99 | The dynamics of language. Behavioral and Brain Sciences, 1999, 22, 284-285. | 0.4 | 0 |
| 100 | Attractor Landscapes and Reaction Functions in Escalation and De-Escalation. SSRN Electronic Journal, 2010, , . | 0.4 | 0 |
| 101 | Lovely weather, isnâ€™t it? On the social dynamics of quality judgment. Mind and Society, 2011, 10, 193. | 0.9 | 0 |
| 102 | Foundations: The Dynamical Perspective on Social Processes. , 2013, , 53-75. | | 0 |
| 103 | Modeling Dynamics of Multicultural Integration and Conflict. Advances in Group Decision and Negotation, 2013, , 183-197. | 0.1 | 0 |
| 104 | The Dynamics of Patterns of Commitment in Sports. Understanding Complex Systems, 2013, , 67-92. | 0.3 | 0 |
| 105 | Cause for Optimism?. Psychological Inquiry, 2019, 30, 246-249. | 0.4 | 0 |
| 106 | From Crude Low to Precise Formalism: Identifying and Essence of Conflict Intractability. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 107 | Dynamical Negotiation Networks: A Dynamical Model of Negotiation Process. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 108 | Epilogue: Conflict in the Twenty First Century. , 2013, , 191-201. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Self-image and the Emergence of Brand Loyalty in Networked Markets. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 281-290. | 0.2 | 0 |
| 110 | A Psychological Galilean Principle for Price Movements: Fundamental Framework for Technical Analysis. , 2013, , 77-91. | | 0 |
| 111 | Social Framing Creating Bull Markets of the Past: Growth Theory of Financial Markets. , 2013, , 121-141. | | 0 |
| 112 | Escape: How Conflicts Can Be Transformed. , 2013, , 137-164. | | 0 |
| 113 | Patterns: Temporal Trajectories of Conflict. , 2013, , 77-101. | | 0 |
| 114 | Catching Animal Spirits: Using Complexity Theory to Detect Speculative Moments of the Markets. , 2013, , 93-120. | | 0 |
| 115 | The Traditional Approach to Finance. , 2013, , 1-23. | | 0 |
| 116 | Financial Markets as Interacting Individuals: Price Formation from Models of Complexity. , 2013, , 59-76. | | 0 |
| 117 | Complexity Theory and Systemic Risk in the Worldâ€™s Financial Markets. , 2013, , 143-166. | | 0 |
| 118 | Social Influence as Socially Distributed Information Processing. SpringerBriefs in Complexity, 2019, , 1-24. | 0.1 | 0 |
| 119 | What Makes Profound, Peaceful Social Transitions Successful? The Example of the Underground Solidarity Movement. Understanding Complex Systems, 2020, , 139-153. | 0.3 | 0 |
| 120 | Family Therapy: In and Out of SYNC. Understanding Complex Systems, 2020, , 169-182. | 0.3 | 0 |
| 121 | Synchronization in the Emergence of Basic Mental Functions. Understanding Complex Systems, 2020, , 23-44. | 0.3 | 0 |
| 122 | The How, What, and Why of Functional Synchronization. Understanding Complex Systems, 2020, , 3-22. | 0.3 | 0 |
| 123 | Symmetry and Financial Markets. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 124 | Higher Order Mental Functions. Understanding Complex Systems, 2020, , 45-70. | 0.3 | 0 |
| 125 | Mental Calibration: The Synchronization of Mind and Action. Understanding Complex Systems, 2020, , 71-85. | 0.3 | 0 |
| 126 | The importance of being unearnest: Opportunists and the making of culture.. Journal of Personality and Social Psychology, 2022, 123, 249-271. | 2.6 | 0 |