Yair Neuman

List of Publications by Year
in descending order

83 papers	1,634 citations	394421 19 h-index	315739 38 g-index
85 all docs	85 docs citations	85 times ranked	1137 citing authors

#	Article	IF	Citations
1	Predicting Change in Emotion through Ordinal Patterns and Simple Symbolic Expressions. Mathematics, 2022, 10, 2253.	2.2	5
2	Short-term prediction through ordinal patterns. Royal Society Open Science, 2021, 8, 201011.	2.4	8
3	Extreme Rare Events Identification Through Jaynes Inferential Approach. Big Data, 2021, , .	3.4	1
4	Screening for potential school shooters through the weight of evidence. Heliyon, 2020, 6, e05066.	3.2	1
5	Utilization of machine-learning models to accurately predict the risk for critical COVID-19. Internal and Emergency Medicine, 2020, 15, 1435-1443.	2.0	178
6	From physical to social interactions: The relative entropy model. Scientific Reports, 2020, 10, 1565.	3.3	5
7	How to (better) find a perpetrator in a haystack. Journal of Big Data, 2019, 6, .	11.0	7
8	Language mediated mentalization: A proposed model. Semiotica, 2019, 2019, 261-272.	0.5	0
9	Modeling Small Systems Through the Relative Entropy Lattice. IEEE Access, 2019, 7, 43591-43597.	4.2	9
10	A proposed methodology for studying the historical trajectory of words' meaning through Tsallis entropy. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 804-813.	2.6	5
11	Is the whole different from the sum of its parts? A proposed procedure for measuring divergence from additivity. International Journal of General Systems, 2018, 47, 665-678.	2.5	5
12	The Adaptive Behavior of a Soccer Team: An Entropy-Based Analysis. Entropy, 2018, 20, 758.	2.2	20
13	The embodiment of connotations: A proposed model. Semiotica, 2017, 2017, 65-79.	0.5	0
14	A Novel Procedure for Measuring Semantic Synergy. Complexity, 2017, 2017, 1-8.	1.6	7
15	Identifying the Meta-Forms of Situations. International Journal of Semiotics and Visual Rhetoric, 2017, 1, 56-71.	0.3	1
16	Dynamic Patterns of Expertise: The Case of Orthopedic Medical Diagnosis. PLoS ONE, 2016, 11, e0158820.	2.5	6
17	The physics of categorization. Complexity, 2016, 21, 269-274.	1.6	2
18	A Novel Methodology for Automatically Measuring Psychological Dimensions in Textual Data. Computer Journal, 2016, 59, 1408-1414.	2.4	4

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19	The personality of music genres. Psychology of Music, 2016, 44, 1044-1057.	1.6	17
20	Identifying the location of a concealed object through unintentional eye movements. Frontiers in Psychology, 2015, 6, 381.	2.1	2
21	Profiling School Shooters: Automatic Text-Based Analysis. Frontiers in Psychiatry, 2015, 6, 86.	2.6	24
22	Psychology through the looking glass. Theory and Psychology, 2014, 24, 726-727.	1.2	0
23	How much information should we drop to become intelligent?. Applied Mathematics and Computation, 2014, 245, 261-264.	2.2	7
24	Personality from a cognitive-biological perspective. Physics of Life Reviews, 2014, 11, 650-686.	2.8	14
25	A Vectorial Semantics Approach to Personality Assessment. Scientific Reports, 2014, 4, 4761.	3.3	29
26	Change in the Embedding Dimension as an Indicator of an Approaching Transition. PLoS ONE, 2014, 9, e101014.	2.5	3
27	A cognitively motivated word sense induction algorithm. , 2013, , .		0
28	Fusing distributional and experiential information for measuring semantic relatedness. Information Fusion, 2013, 14, 281-287.	19.1	9
29	Technology is becoming a Hypercortext. Sign Systems Studies, 2013, 41, 154-155.	0.5	0
30	Metaphor Identification in Large Texts Corpora. PLoS ONE, 2013, 8, e62343.	2.5	70
31	A novel methodology for identifying emerging themes in small group dynamics. Bulletin of the Menninger Clinic, 2012, 76, 53-68.	0.6	8
32	Information and Living Systems: Philosophical and Scientific Perspectives. G. Terzis and R. Arp (Eds.). (2011, MIT Press.) $50.. Artificial Life, 2012, 18, 329-330.	1.3	0
33	On revenge. Psychoanalysis, Culture and Society, 2012, 17, 1-15.	0.5	9
34	Proactive screening for depression through metaphorical and automatic text analysis. Artificial Intelligence in Medicine, 2012, 56, 19-25.	6.5	54
35	The Definition of Life and the Life of a Definition. Journal of Biomolecular Structure and Dynamics, 2012, 29, 643-646.	3.5	23
36	A generic method for measuring the potential number of structure€preserving transformations. Complexity, 2012, 18, 26-37.	1.6	2

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37	How Language Enables Abstraction: A Study in Computational Cultural Psychology. Integrative Psychological and Behavioral Science, 2012, 46, 129-145.	0.9	19
38	Buzzwords on their way to a tippingâ€point: A view from the blogosphere. Complexity, 2011, 16, 58-68.	1.6	18
39	Why the brain needs language in order to be self-conscious. New Ideas in Psychology, 2010, 28, 37-48.	1.9	35
40	Penultimate interpretation. International Journal of Psychoanalysis, 2010, 91, 1043-1054.	0.4	4
41	Psychosomatic symptoms as biomarkers: Transcending the psyche-soma dichotomy. Bulletin of the Menninger Clinic, 2010, 74, 63-77.	0.6	0
42	Review Essay: We Are all Unique but Never Alone. Culture and Psychology, 2009, 15, 293-296.	1.1	0
43	On the alpha-function, chaotic cats, and unconscious memory. New Ideas in Psychology, 2009, 27, 305-311.	1.9	3
44	The complexity of adviceâ€giving. Complexity, 2009, 15, 28-30.	1.6	5
45	On love, hate and knowledge. International Journal of Psychoanalysis, 2009, 90, 697-712.	0.4	15
46	On the Semio-Mathematical Nature of Codes. Biosemiotics, 2008, 1, 99-111.	1.4	13
47	A mathematical theory of sign-mediated concept formation. Applied Mathematics and Computation, 2008, 201, 72-81.	2.2	19
48	Neither Freedom Nor Control: Discourse in Informal Education and the Quest for â€œGoodâ€•Education. Educational Practice and Theory, 2008, 30, 57-78.	0.2	0
49	The Rest is Silence. Perspectives in Biology and Medicine, 2007, 50, 625-628.	0.5	3
50	Immune memory, immune oblivion: A lesson from Funes the memorious. Progress in Biophysics and Molecular Biology, 2007, 95, 16-22.	2.9	5
51	Why are Three-dimensional Organisms Composed of Two-dimensional Layers?. Foundations of Science, 2007, 12, 1-7.	0.7	1
52	The pragmatics of bereavement. Journal of Pragmatics, 2006, 38, 1369-1384.	1.5	14
53	Identification of informal reasoning fallacies as a function of epistemological level, grade level, and cognitive ability.. Journal of Educational Psychology, 2006, 98, 327-341.	2.9	59
54	Cryptobiosis: A new theoretical perspective. Progress in Biophysics and Molecular Biology, 2006, 92, 258-267.	2.9	72

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55	The effect of contextual factors on the judgement of informal reasoning fallacies. Quarterly Journal of Experimental Psychology, 2006, 59, 411-425.	1.1	22
56	Pupils' evaluation and generation of evidence and explanation in argumentation. British Journal of Educational Psychology, 2005, 75, 105-118.	2.9	51
57	A Response to Professor Heslep. Studies in Philosophy and Education, 2005, 24, 425-427.	0.5	0
58	"Meaning-Making" in Language and Biology. Perspectives in Biology and Medicine, 2005, 48, 317-327.	0.5	13
59	Meaning-Making in the Immune System. Perspectives in Biology and Medicine, 2004, 47, 317-327.	0.5	27
60	The effect of a reason's truth-value on the judgment of a fallacious argument. Acta Psychologica, 2004, 116, 173-184.	1.5	11
61	Oh baby, it's hard for me to say I'm sorry: public apologetic speech and cultural rhetorical resources. Journal of Pragmatics, 2004, 36, 921-944.	1.5	20
62	What does pain signify? A hypothesis concerning pain, the immune system and unconscious pain experience under general anesthesia. Medical Hypotheses, 2004, 63, 1051-1053.	1.5	6
63	Missing the point or missing the norms? Epistemological norms as predictors of studentsâ€™ ability to identify fallacious arguments. Contemporary Educational Psychology, 2004, 29, 77-94.	2.9	93
64	Inconsistency as an interactional problem: a lesson from political rhetoric. Journal of Psycholinguistic Research, 2003, 32, 251-267.	1.3	6
65	How Deep is the Surface? A Theoretical Framework for Understanding Meaning-Making in Living Systems. Foundations of Science, 2003, 8, 393-415.	0.7	6
66	Go ahead, prove that God does not exist! On high school studentsâ€™ ability to deal with fallacious arguments. Learning and Instruction, 2003, 13, 367-380.	3.2	60
67	Blood And Chocolate. Journal of Language and Social Psychology, 2003, 22, 29-46.	2.3	14
68	Construction of Collective and Individual Knowledge in Argumentative Activity. Journal of the Learning Sciences, 2003, 12, 219-256.	2.9	168
69	Collective and Individual Consciousness in Testimonies of Navy Divers. Social Semiotics, 2003, 13, 321-340.	1.1	3
70	The Role of Text Representation in Studentsâ€™ Ability to Identify Fallacious Arguments. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2003, 56, 849-864.	2.3	20
71	A co-generic perspective on problems involving a shift between systems' different levels of analysis. International Journal of General Systems, 2002, 31, 111-118.	2.5	9
72	Rhetoric as the Contextual Manipulation of Self and Nonself. Research on Language and Social Interaction, 2002, 35, 93-112.	2.4	16

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73	Turtles all the way down: outlines for a dynamic theory of epistemology. Systems Research and Behavioral Science, 2002, 20, 521-530.	1.6	2
74	Can the Baron von Mã¼nchausen Phenomenon be Solved?An Activity-Oriented Solution to the Learning Paradox. Mind, Culture, and Activity, 2001, 8, 78-89.	1.9	2
75	Joining Their Betters Rather than Their Own: The Modern/Postmodern Rhetoric of Jewish Fundamentalist Preachers. Journal of Communication Inquiry, 2001, 25, 184-199.	1.1	14
76	On Turing's carnal error: some guidelines for a contextual inquiry into the embodied mind. Systems Research and Behavioral Science, 2001, 18, 557-564.	1.6	4
77	Cultural Resources and the Gap between Educational Theory and Practice. Teachers College Record, 2001, 103, 471-484.	0.9	0
78	Where a blind man ends: five comments on context, artifacts and the boundaries of the mind. Systems Research and Behavioral Science, 2000, 17, 315-319.	1.6	6
79	Patterns of Verbal Mediation During Problem Solving: A Sequential Analysis of Self-Explanation. Journal of Experimental Education, 2000, 68, 197-213.	2.6	31
80	Substituting one mystery for another: the role of self-explanations in solving algebra word-problems. Learning and Instruction, 2000, 10, 203-220.	3.2	17
81	Two Wrongs May Make a Right ... If They Argue Together!. Cognition and Instruction, 2000, 18, 461-494.	2.9	142
82	Organic versus Symbolic Pedagogy: Against the Commercialization of Knowledge. Education and Society, 1999, 17, 53-61.	0.4	2
83	Is self-explanation while solving problems helpful? The case of analogical problem-solving. British Journal of Educational Psychology, 1998, 68, 15-24.	2.9	46