

# Yair Neuman

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Utilization of machine-learning models to accurately predict the risk for critical COVID-19. <i>Internal and Emergency Medicine</i> , 2020, 15, 1435-1443.	2.0	178
2	Construction of Collective and Individual Knowledge in Argumentative Activity. <i>Journal of the Learning Sciences</i> , 2003, 12, 219-256.	2.9	168
3	Two Wrongs May Make a Right ... If They Argue Together!. <i>Cognition and Instruction</i> , 2000, 18, 461-494.	2.9	142
4	Missing the point or missing the norms? Epistemological norms as predictors of students' ability to identify fallacious arguments. <i>Contemporary Educational Psychology</i> , 2004, 29, 77-94.	2.9	93
5	Cryptobiosis: A new theoretical perspective. <i>Progress in Biophysics and Molecular Biology</i> , 2006, 92, 258-267.	2.9	72
6	Metaphor Identification in Large Texts Corpora. <i>PLoS ONE</i> , 2013, 8, e62343.	2.5	70
7	Go ahead, prove that God does not exist! On high school students' ability to deal with fallacious arguments. <i>Learning and Instruction</i> , 2003, 13, 367-380.	3.2	60
8	Identification of informal reasoning fallacies as a function of epistemological level, grade level, and cognitive ability.. <i>Journal of Educational Psychology</i> , 2006, 98, 327-341.	2.9	59
9	Proactive screening for depression through metaphorical and automatic text analysis. <i>Artificial Intelligence in Medicine</i> , 2012, 56, 19-25.	6.5	54
10	Pupils' evaluation and generation of evidence and explanation in argumentation. <i>British Journal of Educational Psychology</i> , 2005, 75, 105-118.	2.9	51
11	Is self-explanation while solving problems helpful? The case of analogical problem-solving. <i>British Journal of Educational Psychology</i> , 1998, 68, 15-24.	2.9	46
12	Why the brain needs language in order to be self-conscious. <i>New Ideas in Psychology</i> , 2010, 28, 37-48.	1.9	35
13	Patterns of Verbal Mediation During Problem Solving: A Sequential Analysis of Self-Explanation. <i>Journal of Experimental Education</i> , 2000, 68, 197-213.	2.6	31
14	A Vectorial Semantics Approach to Personality Assessment. <i>Scientific Reports</i> , 2014, 4, 4761.	3.3	29
15	Meaning-Making in the Immune System. <i>Perspectives in Biology and Medicine</i> , 2004, 47, 317-327.	0.5	27
16	Profiling School Shooters: Automatic Text-Based Analysis. <i>Frontiers in Psychiatry</i> , 2015, 6, 86.	2.6	24
17	The Definition of Life and the Life of a Definition. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 643-646.	3.5	23
18	The effect of contextual factors on the judgement of informal reasoning fallacies. <i>Quarterly Journal of Experimental Psychology</i> , 2006, 59, 411-425.	1.1	22

#	ARTICLE	IF	CITATIONS
19	The Role of Text Representation in Students' Ability to Identify Fallacious Arguments. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2003, 56, 849-864.	2.3	20
20	Oh baby, it's hard for me to say I'm sorry: public apologetic speech and cultural rhetorical resources. <i>Journal of Pragmatics</i> , 2004, 36, 921-944.	1.5	20
21	The Adaptive Behavior of a Soccer Team: An Entropy-Based Analysis. <i>Entropy</i> , 2018, 20, 758.	2.2	20
22	A mathematical theory of sign-mediated concept formation. <i>Applied Mathematics and Computation</i> , 2008, 201, 72-81.	2.2	19
23	How Language Enables Abstraction: A Study in Computational Cultural Psychology. <i>Integrative Psychological and Behavioral Science</i> , 2012, 46, 129-145.	0.9	19
24	Buzzwords on their way to a tipping point: A view from the blogosphere. <i>Complexity</i> , 2011, 16, 58-68.	1.6	18
25	Substituting one mystery for another: the role of self-explanations in solving algebra word-problems. <i>Learning and Instruction</i> , 2000, 10, 203-220.	3.2	17
26	The personality of music genres. <i>Psychology of Music</i> , 2016, 44, 1044-1057.	1.6	17
27	Rhetoric as the Contextual Manipulation of Self and Nonself. <i>Research on Language and Social Interaction</i> , 2002, 35, 93-112.	2.4	16
28	On love, hate and knowledge. <i>International Journal of Psychoanalysis</i> , 2009, 90, 697-712.	0.4	15
29	Joining Their Betters Rather than Their Own: The Modern/Postmodern Rhetoric of Jewish Fundamentalist Preachers. <i>Journal of Communication Inquiry</i> , 2001, 25, 184-199.	1.1	14
30	Blood And Chocolate. <i>Journal of Language and Social Psychology</i> , 2003, 22, 29-46.	2.3	14
31	The pragmatics of bereavement. <i>Journal of Pragmatics</i> , 2006, 38, 1369-1384.	1.5	14
32	Personality from a cognitive-biological perspective. <i>Physics of Life Reviews</i> , 2014, 11, 650-686.	2.8	14
33	"Meaning-Making" in Language and Biology. <i>Perspectives in Biology and Medicine</i> , 2005, 48, 317-327.	0.5	13
34	On the Semio-Mathematical Nature of Codes. <i>Biosemiotics</i> , 2008, 1, 99-111.	1.4	13
35	The effect of a reason's truth-value on the judgment of a fallacious argument. <i>Acta Psychologica</i> , 2004, 116, 173-184.	1.5	11
36	A co-generic perspective on problems involving a shift between systems' different levels of analysis. <i>International Journal of General Systems</i> , 2002, 31, 111-118.	2.5	9

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37	On revenge. <i>Psychoanalysis, Culture and Society</i> , 2012, 17, 1-15.	0.5	9
38	Fusing distributional and experiential information for measuring semantic relatedness. <i>Information Fusion</i> , 2013, 14, 281-287.	19.1	9
39	Modeling Small Systems Through the Relative Entropy Lattice. <i>IEEE Access</i> , 2019, 7, 43591-43597.	4.2	9
40	A novel methodology for identifying emerging themes in small group dynamics. <i>Bulletin of the Menninger Clinic</i> , 2012, 76, 53-68.	0.6	8
41	Short-term prediction through ordinal patterns. <i>Royal Society Open Science</i> , 2021, 8, 201011.	2.4	8
42	How much information should we drop to become intelligent?. <i>Applied Mathematics and Computation</i> , 2014, 245, 261-264.	2.2	7
43	A Novel Procedure for Measuring Semantic Synergy. <i>Complexity</i> , 2017, 2017, 1-8.	1.6	7
44	How to (better) find a perpetrator in a haystack. <i>Journal of Big Data</i> , 2019, 6, .	11.0	7
45	Where a blind man ends: five comments on context, artifacts and the boundaries of the mind. <i>Systems Research and Behavioral Science</i> , 2000, 17, 315-319.	1.6	6
46	Inconsistency as an interactional problem: a lesson from political rhetoric. <i>Journal of Psycholinguistic Research</i> , 2003, 32, 251-267.	1.3	6
47	How Deep is the Surface? A Theoretical Framework for Understanding Meaning-Making in Living Systems. <i>Foundations of Science</i> , 2003, 8, 393-415.	0.7	6
48	What does pain signify? A hypothesis concerning pain, the immune system and unconscious pain experience under general anesthesia. <i>Medical Hypotheses</i> , 2004, 63, 1051-1053.	1.5	6
49	Dynamic Patterns of Expertise: The Case of Orthopedic Medical Diagnosis. <i>PLoS ONE</i> , 2016, 11, e0158820.	2.5	6
50	Immune memory, immune oblivion: A lesson from Funes the memorious. <i>Progress in Biophysics and Molecular Biology</i> , 2007, 95, 16-22.	2.9	5
51	The complexity of advice-giving. <i>Complexity</i> , 2009, 15, 28-30.	1.6	5
52	A proposed methodology for studying the historical trajectory of wordsâ€™ meaning through Tsallis entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 804-813.	2.6	5
53	Is the whole different from the sum of its parts? A proposed procedure for measuring divergence from additivity. <i>International Journal of General Systems</i> , 2018, 47, 665-678.	2.5	5
54	From physical to social interactions: The relative entropy model. <i>Scientific Reports</i> , 2020, 10, 1565.	3.3	5

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55	Predicting Change in Emotion through Ordinal Patterns and Simple Symbolic Expressions. <i>Mathematics</i> , 2022, 10, 2253.	2.2	5
56	On Turing's carnal error: some guidelines for a contextual inquiry into the embodied mind. <i>Systems Research and Behavioral Science</i> , 2001, 18, 557-564.	1.6	4
57	Penultimate interpretation. <i>International Journal of Psychoanalysis</i> , 2010, 91, 1043-1054.	0.4	4
58	A Novel Methodology for Automatically Measuring Psychological Dimensions in Textual Data. <i>Computer Journal</i> , 2016, 59, 1408-1414.	2.4	4
59	Collective and Individual Consciousness in Testimonies of Navy Divers. <i>Social Semiotics</i> , 2003, 13, 321-340.	1.1	3
60	The Rest is Silence. <i>Perspectives in Biology and Medicine</i> , 2007, 50, 625-628.	0.5	3
61	On the alpha-function, chaotic cats, and unconscious memory. <i>New Ideas in Psychology</i> , 2009, 27, 305-311.	1.9	3
62	Change in the Embedding Dimension as an Indicator of an Approaching Transition. <i>PLoS ONE</i> , 2014, 9, e101014.	2.5	3
63	Organic versus Symbolic Pedagogy: Against the Commercialization of Knowledge. <i>Education and Society</i> , 1999, 17, 53-61.	0.4	2
64	Can the Baron von Münchhausen Phenomenon be Solved? An Activity-Oriented Solution to the Learning Paradox. <i>Mind, Culture, and Activity</i> , 2001, 8, 78-89.	1.9	2
65	Turtles all the way down: outlines for a dynamic theory of epistemology. <i>Systems Research and Behavioral Science</i> , 2002, 20, 521-530.	1.6	2
66	A generic method for measuring the potential number of structure-preserving transformations. <i>Complexity</i> , 2012, 18, 26-37.	1.6	2
67	Identifying the location of a concealed object through unintentional eye movements. <i>Frontiers in Psychology</i> , 2015, 6, 381.	2.1	2
68	The physics of categorization. <i>Complexity</i> , 2016, 21, 269-274.	1.6	2
69	Why are Three-dimensional Organisms Composed of Two-dimensional Layers?. <i>Foundations of Science</i> , 2007, 12, 1-7.	0.7	1
70	Screening for potential school shooters through the weight of evidence. <i>Heliyon</i> , 2020, 6, e05066.	3.2	1
71	Identifying the Meta-Forms of Situations. <i>International Journal of Semiotics and Visual Rhetoric</i> , 2017, 1, 56-71.	0.3	1
72	Extreme Rare Events Identification Through Jaynes Inferential Approach. <i>Big Data</i> , 2021, , .	3.4	1

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73	A Response to Professor Heslep. <i>Studies in Philosophy and Education</i> , 2005, 24, 425-427.	0.5	0
74	Neither Freedom Nor Control: Discourse in Informal Education and the Quest for "Good" Education. <i>Educational Practice and Theory</i> , 2008, 30, 57-78.	0.2	0
75	Review Essay: We Are all Unique but Never Alone. <i>Culture and Psychology</i> , 2009, 15, 293-296.	1.1	0
76	Psychosomatic symptoms as biomarkers: Transcending the psyche-soma dichotomy. <i>Bulletin of the Menninger Clinic</i> , 2010, 74, 63-77.	0.6	0
77	Information and Living Systems: Philosophical and Scientific Perspectives. G. Terzis and R. Arp (Eds.). (2011, MIT Press.) \$50.. <i>Artificial Life</i> , 2012, 18, 329-330.	1.3	0
78	A cognitively motivated word sense induction algorithm. , 2013, , .		0
79	Technology is becoming a Hypercortex. <i>Sign Systems Studies</i> , 2013, 41, 154-155.	0.5	0
80	Psychology through the looking glass. <i>Theory and Psychology</i> , 2014, 24, 726-727.	1.2	0
81	The embodiment of connotations: A proposed model. <i>Semiotica</i> , 2017, 2017, 65-79.	0.5	0
82	Language mediated mentalization: A proposed model. <i>Semiotica</i> , 2019, 2019, 261-272.	0.5	0
83	Cultural Resources and the Gap between Educational Theory and Practice. <i>Teachers College Record</i> , 2001, 103, 471-484.	0.9	0