Ehtibar N Dzhafarov

List of Publications by Year
in descending order

94 papers	2,107 citations	186265 28 h-index	276875 41 g-index
105 all docs	105 docs citations	105 times ranked	376 citing authors

#	Article	IF	Citations
1	Selectivity in probabilistic causality: Where psychology runs into quantum physics. Journal of Mathematical Psychology, 2012, 56, 54-63.	1.8	124
2	Selective influence through conditional independence. Psychometrika, 2003, 68, 7-25.	2.1	121
3	Quantum Models for Psychological Measurements: An Unsolved Problem. PLoS ONE, 2014, 9, e110909.	2.5	93
4	Testing for selectivity in the dependence of random variables on external factors. Journal of Mathematical Psychology, 2008, 52, 128-144.	1.8	79
5	Necessary and Sufficient Conditions for an Extended Noncontextuality in a Broad Class of Quantum Mechanical Systems. Physical Review Letters, 2015, 115, 150401.	7.8	68
6	Snow queen is evil and beautiful: Experimental evidence for probabilistic contextuality in human choices.. Decision, 2018, 5, 193-204.	0.5	65
7	Contextâ€“content systems of random variables: The Contextuality-by-Default theory. Journal of Mathematical Psychology, 2016, 74, 11-33.	1.8	57
8	Grice-representability of response time distribution families. Psychometrika, 1993, 58, 281-314.	2.1	52
9	Selective Influence and Response Time Cumulative Distribution Functions in Serial-Parallel Task Networks. Journal of Mathematical Psychology, 2000, 44, 504-535.	1.8	51
10	On Selective Influences, Marginal Selectivity, and Bell/CHSH Inequalities. Topics in Cognitive Science, 2014, 6, 121-128.	1.9	50
11	Fechnerian metrics in unidimensional and multidimensional stimulus spaces. Psychonomic Bulletin and Review, 1999, 6, 239-268.	2.8	48
12	Contextuality in Three Types of Quantum-Mechanical Systems. Foundations of Physics, 2015, 45, 762-782.	1.3	47
13	Mental architectures with selectively influenced but stochastically interdependent components. Journal of Mathematical Psychology, 2004, 48, 51-64.	1.8	44
14	Contextuality is about identity of random variables. Physica Scripta, 2014, T163, 014009.	2.5	44
15	True contextuality beats direct influences in human decision making.. Journal of Experimental Psychology: General, 2019, 148, 1925-1937.	2.1	42
16	The structure of simple reaction time to step-function signals. Journal of Mathematical Psychology, 1992, 36, 235-268.	1.8	41
17	Multidimensional Fechnerian Scaling: Pairwise Comparisons, Regular Minimality, and Nonconstant Self-Similarity. Journal of Mathematical Psychology, 2002, 46, 583-608.	1.8	38
18	Contextuality in canonical systems of random variables. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160389.	3.4	38

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19	All-Possible-Couplings Approach to Measuring Probabilistic Context. PLoS ONE, 2013, 8, e61712.	2.5	37
20	Decompositions of Response Times: an Almost General Theory. Journal of Mathematical Psychology, 1995, 39, 285-314.	1.8	32
21	Proof of a Conjecture on Contextuality in Cyclic Systems with Binary Variables. Foundations of Physics, 2016, 46, 282-299.	1.3	32
22	On contextuality in behavioural data. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150234.	3.4	32
23	Quantum Entanglement and the Issue of Selective Influences in Psychology: An Overview. Lecture Notes in Computer Science, 2012, , 184-195.	1.3	32
24	Conditionally Selective Dependence of Random Variables on External Factors. Journal of Mathematical Psychology, 1999, 43, 123-152.	1.8	31
25	Multidimensional Fechnerian Scaling: Basics. Journal of Mathematical Psychology, 2001, 45, 670-719.	1.8	31
26	Contextuality-by-Default: A Brief Overview of Ideas, Concepts, and Terminology. Lecture Notes in Computer Science, 2016, , 12-23.	1.3	30
27	Psychophysics without physics: a purely psychological theory of Fechnerian scaling in continuous stimulus spaces. Journal of Mathematical Psychology, 2005, 49, 1-50.	1.8	29
28	On universality of classical probability with contextually labeled random variables. Journal of Mathematical Psychology, 2018, 85, 17-24.	1.8	28
29	Dissimilarity cumulation theory and subjective metrics. Journal of Mathematical Psychology, 2007, 51, 290-304.	1.8	26
30	Embedding Quantum into Classical: Contextualization vs Conditionalization. PLoS ONE, 2014, 9, e92818.	2.5	26
31	Multidimensional Fechnerian Scaling: Probability-Distance Hypothesis. Journal of Mathematical Psychology, 2002, 46, 352-374.	1.8	25
32	Sorites Without Vagueness I: Classificatory Sorites. Theoria (Stockholm), 2010, 76, 4-24.	0.2	24
33	Probabilistic foundations of contextuality. Fortschritte Der Physik, 2017, 65, 1600040.	4.4	23
34	Contextuality-by-Default 2.0: Systems with Binary Random Variables. Lecture Notes in Computer Science, 2017, , 16-32.	1.3	23
35	Unconditionally Selective Dependence of Random Variables on External Factors. Journal of Mathematical Psychology, 2001, 45, 421-451.	1.8	22
36	The Joint Distribution Criterion and the Distance Tests for Selective Probabilistic Causality. Frontiers in Psychology, 2010, 1, 151.	2.1	22

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37	No-Forcing and No-Matching Theorems for Classical Probability Applied to Quantum Mechanics. Foundations of Physics, 2014, 44, 248-265.	1.3	20
38	Measures of contextuality and non-contextuality. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190149.	3.4	20
39	True contextuality in a psychophysical experiment. Journal of Mathematical Psychology, 2019, 91, 119-127.	1.8	20
40	Thurstonian-type representations for â€œsame-differentâ€•discriminations: Probabilistic decisions and interdependent images. Journal of Mathematical Psychology, 2003, 47, 205-219.	1.8	19
41	Multidimensional Fechnerian Scaling: Regular Variation Version. Journal of Mathematical Psychology, 2002, 46, 226-244.	1.8	18
42	Notes on selective influence, probabilistic causality, and probabilistic dimensionality. Journal of Mathematical Psychology, 2006, 50, 390-401.	1.8	18
43	The Fechnerian Idea. American Journal of Psychology, 2011, 124, 127-140.	0.3	18
44	Psychophysics without physics: extension of Fechnerian scaling from continuous to discrete and discrete-continuous stimulus spaces. Journal of Mathematical Psychology, 2005, 49, 125-141.	1.8	17
45	Empirical Recovery of Response Time Decomposition Rules I. Sample-Level Decomposition Tests. Journal of Mathematical Psychology, 1996, 40, 185-202.	1.8	15
46	Multidimensional Fechnerian Scaling: Perceptual Separability. Journal of Mathematical Psychology, 2002, 46, 564-582.	1.8	15
47	Order-distance and other metric-like functions on jointly distributed random variables. Proceedings of the American Mathematical Society, 2013, 141, 3291-3301.	0.8	15
48	On joint distributions, counterfactual values and hidden variables in understanding contextuality. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190144.	3.4	15
49	Contextuality Analysis of the Double Slit Experiment(with a Glimpse into Three Slits). Entropy, 2018, 20, 278.	2.2	14
50	Reconstructing Distances among Objects from Their Discriminability. Psychometrika, 2006, 71, 365-386.	2.1	13
51	Contextuality and noncontextuality measures and generalized Bell inequalities for cyclic systems. Physical Review A, 2020, 101, .	2.5	13
52	Empirical Discriminability of Two Models for Stochastic Relationship Between Additive Components of Response Time. Journal of Mathematical Psychology, 1996, 40, 48-63.	1.8	12
53	On the law of Regular Minimality: Reply to Ennis. Journal of Mathematical Psychology, 2006, 50, 74-93.	1.8	12
54	Noncontextuality with marginal selectivity in reconstructing mental architectures. Frontiers in Psychology, 2015, 6, 735.	2.1	12

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55	Probabilistic Contextuality in EPR/Bohm-type Systems with Signaling Allowed. Advanced Series on Mathematical Psychology, 2016, , 287-308.	0.7	12
56	Dissimilarity cumulation theory in smoothly connected spaces. Journal of Mathematical Psychology, 2008, 52, 93-115.	1.8	11
57	Dissimilarity cumulation theory in arc-connected spaces. Journal of Mathematical Psychology, 2008, 52, 73-92.	1.8	10
58	Can brightness be related to luminance by a meaningful function?. Behavioral and Brain Sciences, 1992, 15, 565-566.	0.7	9
59	Empirical Recovery of Response Time Decomposition Rules II. Discriminability of Serial and Parallel Architectures. Journal of Mathematical Psychology, 1996, 40, 203-218.	1.8	9
60	Measuring Observable Quantum Contextuality. Lecture Notes in Computer Science, 2016, , 36-47.	1.3	9
61	Sorites Without Vagueness II: Comparative Sorites. Theoria (Stockholm), 2010, 76, 25-53.	0.2	8
62	Probability, random variables, and selectivity. , 1920, , 85-150.		7
63	On minima of discrimination functions. Journal of Mathematical Psychology, 2008, 52, 116-127.	1.8	7
64	Regular Minimality and Thurstonian-type modeling. Journal of Mathematical Psychology, 2009, 53, 486-501.	1.8	7
65	Contextuality from Quantum Physics to Psychology. Advanced Series on Mathematical Psychology, 2016, , .	0.7	7
66	Thurstonian-type representations for â€œsame-differentâ€•discriminations: Deterministic decisions and independent images. Journal of Mathematical Psychology, 2003, 47, 184-204.	1.8	6
67	Conversations on Contextuality. Advanced Series on Mathematical Psychology, 2016, , 1-22.	0.7	6
68	Advanced analysis of quantum contextuality in a psychophysical double-detection experiment. Journal of Mathematical Psychology, 2017, 79, 77-84.	1.8	6
69	Contextuality Analysis of Impossible Figures. Entropy, 2020, 22, 981.	2.2	5
70	Replacing Nothing with Something Special: Contextuality-by-Default and Dummy Measurements. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2018, , 39-44.	0.0	5
71	Dissimilarity, Quasimetric, Metric. Journal of Mathematical Psychology, 2010, 54, 334-337.	1.8	4
72	Testing Contextuality in Cyclic Psychophysical Systems of High Ranks. Lecture Notes in Computer Science, 2017, , 151-162.	1.3	4

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73	A Qualified Kolmogorovian Account of Probabilistic Contextuality. Lecture Notes in Computer Science, 2014, , 201-212.	1.3	4
74	Assumption-Free Derivation of the Bell-Type Criteria of Contextuality/Nonlocality. Entropy, 2021, 23, 1543.	2.2	4
75	Dissimilarity cumulation as a procedure correcting for violations of triangle inequality. Journal of Mathematical Psychology, 2010, 54, 284-287.	1.8	3
76	Matching by adjustment: if X matches Y, does Y match X?. Frontiers in Psychology, 2010, 1, 24.	2.1	3
77	Matrices with a given number of violations of Regular Minimality. Journal of Mathematical Psychology, 2011, 55, 240-250.	1.8	3
78	Stochastic unrelatedness, couplings, and contextuality. Journal of Mathematical Psychology, 2016, 75, 34-41.	1.8	3
79	Exploration of Contextuality in a Psychophysical Double-Detection Experiment. Lecture Notes in Computer Science, 2017, , 182-193.	1.3	3
80	Systems of random variables and the free will theorem. Physical Review Research, 2020, 2, .	3.6	3
81	Contents, Contexts, andÂBasics ofÂContextuality. The Frontiers Collection, 2022, , 259-286.	0.2	3
82	Contextuality and Dichotomizations of Random Variables. Foundations of Physics, 2022, 52, 1.	1.3	3
83	Context-independent mapping and free choice are equivalent: a general proof. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 305304.	2.1	3
84	A new definition of well-behaved discrimination functions. Journal of Mathematical Psychology, 2009, 53, 593-599.	1.8	2
85	Epistemic odds of contextuality in cyclic systems. European Physical Journal: Special Topics, 2021, 230, 937-940.	2.6	2
86	The equivalence of two ways of computing distances from dissimilarities for arbitrary sets of stimuli. Journal of Mathematical Psychology, 2011, 55, 469-472.	1.8	1
87	Beyond quantum probability: Another formalism shared by quantum physics and psychology. Behavioral and Brain Sciences, 2013, 36, 283-284.	0.7	1
88	Perceptual matching and sorites: experimental study of an ancient Greek paradox. Attention, Perception, and Psychophysics, 2014, 76, 2441-2464.	1.3	1
89	Contextuality and probability in quantum mechanics and beyond: a preface. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190371.	3.4	1
90	Matrices Satisfying Regular Minimality. Frontiers in Psychology, 2010, 1, 211.	2.1	0

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91	Stochastic Foundations of Elementary Mental Architectures. , 0, , 104-127.		0
92	Quantum Models of Cognition and Decision. , 0, , 185-222.		0
93	On universality of classical probability with contextually labeled random variables: Response to A. Khrennikov. Journal of Mathematical Psychology, 2019, 89, 93-97.	1.8	0
94	The R Package fechner for Fechnerian Scaling. Studies in Classification, Data Analysis, and Knowledge Organization, 2010, , 315-322.	0.2	0