

Wen-Ran Zhang

List of Publications by Year in descending order

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papers

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516710

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42
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Science vs. Sophistryâ€”A historical debate on bipolar fuzzy sets and equilibrium-based mathematics for AI&QI. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6781-6799.	1.4	5
2	The road from fuzzy sets to definable causality and bipolar quantum intelligenceâ€”To the memory of Lotfi A. Zadeh. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3019-3032.	1.4	10
3	From Equilibrium-Based Business Intelligence to Information Conservational Quantum-Fuzzy Cryptographyâ€”A Cellular Transformation of Bipolar Fuzzy Sets to Quantum Intelligence Machinery. IEEE Transactions on Fuzzy Systems, 2018, 26, 656-669.	9.8	23
4	On the Nature of Natural Intelligence â€” A Revision of Laozi. , 2018, , .		3
5	A Logical Path From Neural Ensemble Formation to Cognition With Mind-Light-Matter Unification. International Journal of Cognitive Informatics and Natural Intelligence, 2018, 12, 20-54.	0.4	5
6	Programming the mind and decrypting the universe â€” A bipolar quantum-neuro-fuzzy associative memory model for quantum cognition and quantum intelligence. , 2017, , .		10
7	(1 + 1 = 2) â€” A quantum model of neurobiology and cognition. , 2017, , .		1
8	A geometrical and logical unification of mind, light and matter. , 2016, , .		8
9	Information conservational YinYang Bipolar quantum-fuzzy cognitive maps - mapping business data to business intelligence. , 2016, , .		6
10	YinYang bipolar dynamic organizational modeling for equilibrium-based decision analysis: Logical transformation of an indigenous philosophy to a global science. Asia Pacific Journal of Management, 2016, 33, 723-766.	4.5	17
11	G-CPT Symmetry of Quantum Emergence and Submergenceâ€”An Information Conservational Multiagent Cellular Automata Unification of CPT Symmetry and CP Violation for Equilibrium-Based Many-World Causal Analysis of Quantum Coherence and Decoherence. Journal of Quantum Information Science, 2016, 06, 62-97.	0.4	33
12	A logical exposition of dirac 3-polarizer experiment and its potential impact on computational biology. , 2015, , .		17
13	YinYang bipolar quantum geometry and bipolar quantum superposition Part I â€” A background independent geometrical and logical exposition of Dirac 3-polarizer experiment a, b. Fractal Geometry and Nonlinear Analysis in Medicine and Biology, 2015, 1, .	0.3	8
14	YinYang bipolar quantum geometry and bipolar quantum superposition Part II â€” Toward an equilibrium-based analytical paradigm of quantum mechanics and quantum biology. Fractal Geometry and Nonlinear Analysis in Medicine and Biology, 2015, 1, .	0.3	7
15	Causality Is Logically Definableâ€”Toward an Equilibrium-Based Computing Paradigm of Quantum Agent and Quantum Intelligence (QAQI) (Survey and Research). Journal of Quantum Information Science, 2014, 04, 227-268.	0.4	33
16	Bipolar Quantum Logic Gates and Quantum Cellular Combinatoricsâ€”A Logical Extension to Quantum Entanglement. Journal of Quantum Information Science, 2013, 03, 93-105.	0.4	47
17	Revealing the Ubiquitous Effects of Quantum Entanglementâ€”Toward a Notion of God Logic. Journal of Quantum Information Science, 2013, 03, 143-153.	0.4	11
18	YinYang Bipolar Atomâ€”An Eastern Road toward Quantum Gravity. Journal of Modern Physics, 2012, 03, 1261-1271.	0.6	21

#	ARTICLE	IF	CITATIONS
19	Beyond Spacetime Geometryâ€™The Death of Philosophy and Its Quantum Reincarnation. Journal of Modern Physics, 2012, 03, 1272-1284.	0.6	17
20	MentalSquares: A generic bipolar Support Vector Machine for psychiatric disorder classification, diagnostic analysis and neurobiological data mining. International Journal of Data Mining and Bioinformatics, 2011, 5, 532.	0.1	44
21	YinYang bipolar atom and quantum cellular automation — A unification. , 2011, , .		0
22	YinYang Bipolar Quantum Entanglement - Toward a Logically Complete Quantum Theory. , 2010, , .		13
23	YinYang bipolar dynamic logic (BDL) and equilibrium-based computational neuroscience. , 2009, , .		18
24	EQUILIBRIUM AND NONEQUILIBRIUM MODELING OF YINYANG WUXING FOR DIAGNOSTIC DECISION SUPPORT IN TRADITIONAL CHINESE MEDICINE. International Journal of Information Technology and Decision Making, 2009, 08, 529-548.	3.9	36
25	BIPOLAR LINEAR ALGEBRA AND YINYANG-N-ELEMENT CELLULAR NETWORKS FOR EQUILIBRIUM-BASED BIOSYSTEM SIMULATION AND REGULATION. Journal of Biological Systems, 2009, 17, 547-576.	1.4	56
26	TCM in Innate Immunity: A YinYang-N-Element Hypothesis of the Innate Immunological System. , 2009, , .		1
27	YinYang Bipolar Relativity - A Unifying Theory of Nature, Agents and Life Science. , 2009, , .		19
28	Six Conjectures in Quantum Physics and Computational Neuroscience. , 2009, , .		18
29	ON TRUTH, UNCERTAINTY, EQUILIBRIUM AND HARMONY â€™ A TAXONOMY FOR YINYANG SCIENTIFIC COMPUTING. New Mathematics and Natural Computation, 2008, 04, 207-229.	0.7	15
30	Yin Yang Mental Squares - An Equilibrium-Based System For Bipolar Neurobiological Pattern Classification and Analysis. , 2007, , .		1
31	YinYang Dynamic Neurobiological Modeling and Diagnostic Analysis of Major Depressive and Bipolar Disorders. IEEE Transactions on Biomedical Engineering, 2007, 54, 1729-1739.	4.2	62
32	YINYANG BIPOLAR UNIVERSAL MODUS PONENS (BUMP) â€™ A FUNDAMENTAL LAW OF NON-LINEAR BRAIN DYNAMICS FOR EMOTIONAL INTELLIGENCE AND MENTAL HEALTH. , 2007, , 89-95.		22
33	Equilibrium-Based Bipolar Neurological Modeling. , 2006, 2006, 5169-72.		3
34	YINYANG BIPOLAR FUZZY SETS AND FUZZY EQUILIBRIUM RELATIONS: FOR CLUSTERING, OPTIMIZATION, AND GLOBAL REGULATION. International Journal of Information Technology and Decision Making, 2006, 05, 19-46.	3.9	40
35	Equilibrium-Based Bipolar Neurological Modeling. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
36	YINYANG BIPOLAR LATTICES AND L-SETS FOR BIPOLAR KNOWLEDGE FUSION, VISUALIZATION, AND DECISION. International Journal of Information Technology and Decision Making, 2005, 04, 621-645.	3.9	43

#	ARTICLE	IF	CITATIONS
37	YinYang bipolar logic and bipolar fuzzy logic. Information Sciences, 2004, 165, 265-287.	6.9	156
38	Equilibrium relations and bipolar cognitive mapping for online analytical processing with applications in international relations and strategic decision support. IEEE Transactions on Systems, Man, and Cybernetics, 2003, 33, 295-307.	5.0	37
39	NPN fuzzy sets and NPN qualitative algebra: a computational framework for bipolar cognitive modeling and multiagent decision analysis. IEEE Transactions on Systems, Man, and Cybernetics, 1996, 26, 561-574.	5.0	51
40	Bipolar logic and bipolar fuzzy logic - a unification of truth, fuzziness, and bipolarity. , 0, , .		0
41	YinYang bipolar T-norms and T-conorms as granular neurological operators. , 0, , .		3