

# Emanuel Gluskin

## List of Publications by Year in descending order

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46  
papers

257  
citations

1163117

8  
h-index

1058476

14  
g-index

46  
all docs

46  
docs citations

46  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	The non-linear theory of fluorescent lamp circuits. International Journal of Electronics, 1987, 63, 687-705.	1.4	29
2	Let us teach this generalization of the final-value theorem. European Journal of Physics, 2003, 24, 591-597.	0.6	25
3	The use of non-linear capacitors. International Journal of Electronics, 1985, 58, 63-81.	1.4	24
4	A nonlinear resistor and nonlinear inductor using a nonlinear capacitor. Journal of the Franklin Institute, 1999, 336, 1035-1047.	3.4	23
5	Nonlinear systems: between a law and a definition. Reports on Progress in Physics, 1997, 60, 1063-1112.	20.1	12
6	The instantaneous light-intensity function of a fluorescent lamp. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 353, 355-363.	2.1	10
7	The symmetry argument in the analysis of oscillatory processes. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 144, 206-210.	2.1	9
8	Symmetry, local symmetry and asymptotic pauses of the steady-state current response of some oscillatory circuits to periodic rectangular voltage waves. International Journal of Electronics, 1988, 64, 563-586.	1.4	8
9	Calculations and hypotheses relating to the input conductivity function of an infinite grid of similar nonlinear resistors. International Journal of Systems Science, 2001, 32, 753-766.	5.5	8
10	Spatial filtering through elementary examples. European Journal of Physics, 2004, 25, 419-428.	0.6	8
11	On the symmetry features of some electrical circuits. International Journal of Circuit Theory and Applications, 2006, 34, 637-644.	2.0	8
12	An approximation for the input conductivity function of the non-linear resistive grid. International Journal of Circuit Theory and Applications, 2001, 29, 517-526.	2.0	7
13	On the human body's inductive features: A comment on "Bioelectrical parameters" by A.L. Lafargue et al.. Bioelectromagnetics, 2003, 24, 292-293.	1.6	7
14	A small theorem on the nonlinearity of switched systems. AEU - International Journal of Electronics and Communications, 2008, 62, 260-265.	2.9	7
15	On two generalisations of the final value theorem: scientific relevance, first applications, and physical foundations. International Journal of Systems Science, 2011, 42, 2045-2055.	5.5	7
16	On the observation of chaotic and related phenomena. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 150, 257-261.	2.1	6
17	The asymptotic superposition of steady-state electrical current responses of a nonlinear oscillatory circuit to certain input voltage waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 159, 38-46.	2.1	5
18	The power consumed by a strongly nonlinear element with a hysteresis characteristic fed via a periodically driven LC circuit. Journal of the Franklin Institute, 1991, 328, 369-377.	3.4	5

#	ARTICLE	IF	CITATIONS
19	On the complexity of a locally perturbed liquid flow. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 183, 175-186.	2.1	5
20	A point of view on the linearity and nonlinearity of switched systems. , 2006, , .		5
21	The internal resonance relations in the pause states of a nonlinear LCR circuit. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 175, 121-132.	2.1	4
22	On the recovery of the time average of continuous and discrete time functions from their Laplace and zâ€transformations. International Journal of Circuit Theory and Applications, 2013, 41, 988-997.	2.0	4
23	Research note On the asymptotic pause steady state current response of a nonlinear oscillatory circuit to rectangular voltage waves. International Journal of Electronics, 1988, 65, 251-254.	1.4	3
24	The zerocrossing nonlinearity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 250, 93-98.	2.1	3
25	The dependence of the pulse height on circuit parameters for a pulse generator with a switched capacitive circuit. International Journal of Electronics, 1986, 60, 487-493.	1.4	2
26	On the resistive function measured between two points on a grid or a lattice of similar non-linear resistors. International Journal of Circuit Theory and Applications, 1998, 26, 207-213.	2.0	2
27	The autistic vision problem with light from fluorescent lamps explained in terms of coherence and phase shift. Medical Hypotheses, 2006, 66, 207-208.	1.5	2
28	On one interesting case of switching nonlinearity. Chaos, Solitons and Fractals, 2009, 41, 1870-1872.	5.1	2
29	Nonlinear sampling and Lebesgue's integral sums. , 2010, , .		2
30	An Application of Physical Units (Dimensional) Analysis to the Consideration of Nonlinearity in Electrical Switched Circuits. Circuits, Systems, and Signal Processing, 2012, 31, 737-752.	2.0	2
31	Use of logarithmic sensitivity in power system analysis: the example of lighting circuits (hot filament,) Tj ETQq1 1 0,784314 rgBT /Ove 1.6		2
32	Structure, nonlinearity, and system theory. International Journal of Circuit Theory and Applications, 2015, 43, 524-543.	2.0	2
33	On the ideal low-frequency spatial filtration of the electrical potential at infinity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 338, 209-216.	2.1	1
34	On power supplies used for laboratory demonstration of chaotic electronic oscillators. American Journal of Physics, 2005, 73, 1082-1085.	0.7	1
35	Some comments on â€Fluorescent lamp modeling for voltage fluctuationsâ€™ by C. Carrillo and J. Cidras. European Transactions on Electrical Power, 2006, 16, 321-325.	1.0	1
36	An estimation of the input conductivity characteristic of some resistive (percolation) structures composed of elements having a two-term polynomial characteristic. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 431-443.	2.6	1

#	ARTICLE	IF	CITATIONS
37	Cruelty as the "Medicine" - Treating an Unbalance in the Development of the Brain's Hemispheres. International Journal of Neuroscience, 2009, 119, 1150-1154.	1.6	1
38	Switched systems and the conceptual basis of circuit theory [Open Column]. IEEE Circuits and Systems Magazine, 2009, 9, 56, 58, 60-62.	2.3	1
39	One More Tool for Understanding Resonance and the Way for a New Definition. Journal of Engineering (United States), 2013, 2013, 1-16.	1.0	1
40	That antibiotics does not destroy virus does not mean that it does not help a human having virus. Medical Hypotheses, 2015, 84, 527.	1.5	1
41	Two simple comments regarding coronavirus. Medical Hypotheses, 2020, 141, 109788.	1.5	1
42	Letter to the Editor: A Formula for the External Rotor Resistance of Induction Motor. Electric Power Components and Systems, 2006, 34, 115-118.	1.8	0
43	f - connection: a new circuit concept. , 2008, , .		0
44	The nonlinear-by-singularity systems. , 2008, , .		0
45	Symmetry and pauses in some singular forced oscillations. Nonlinear Theory and Its Applications IEICE, 2014, 5, 272-291.	0.6	0
46	Two Mathematical Comments on the Thevenin Theorem: An "Algebraic Ideal" and the "Affine Nonlinearity". Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	0