

What Google Scholar provides is a ranked list of books and papers with a count and links to others that cite them. These come from lists submitted by publishers or individuals, and from citations found in bibliographies or in web crawling. I think it's fair to say it's largely a collection from publishers that think it will pay to offer high priced downloads. Many main stream publishers are represented, but not all. Most of the GST conversation is hidden from that view, so these bibliography counts mainly reflect the frequently referenced papers and books and the mainstream papers from other disciplines borrowing GST thinking. Hopefully the database and search tools will get better...

Because "general system" is a popular phrase (col C) I read through the citations to count those that referred to General Systems Theory (col D), and added up the citations to those papers (col E). Then I tried searching for the phrase GST itself (col G), and separately counting the citations to the papers being read within GSTcommunity (col H) and those being read entirely by people in other disciplines (I). One interesting thing that came out is that the term GST had mixed use almost from the beginning as either referring to systems as physical things or sets of rules but its use rapidly shifted in the late eighties to the later, becoming largely the property of the IEEE's particular meaning... The curves of its use therefore do not show either the singular decline of the one use nor the singular rise of the other. ph

date	A 11/19/05	B 11/19/05	C 11/19/05	D 11/19/05	E 11/19/05	F	G 11/19/05	H 11/19/05	I 11/19/05
[note] or Search string = Year	* all pubs	System* w/system	"general system**" w/"GS"	[selection of true gst from 'C'] real of GS	[cited papers in 'D'] real GS cites	[some titles from 'E']	"general systems theory" w/"GST"	[cite by other gst papers] GST cites	[cite by other papers, org, psyche, info anal, etc.] other cites
1930	15,000	223	1	0	0				
1931	15,000	207	1	0	0				
1932	15,300	210	0	0	0				
1933	15,600	275	0	1	0		1		
1934	15,700	216	0	0	0				
1935	16,100	194	2	0	0				
1936	16,300	240	2	0	0				
1937	16,700	261	0	0	0				
1938	16,700	247	0	0	0				
1939	16,800	257	1	0	0				
1940	16,100	306	1	0	0				
1941	16,000	267	0	0	0				
1942	15,500	199	0	0	0				
1943	15,300	204	0	0	0				
1944	15,500	183	0	0	0				
1945	15,800	164	1	0	0				
1946	16,100	198	0	0	0				
1947	17,200	282	2	0	0				
1948	19,000	344	3	0	0				
1949	22,100	439	2	0	0				
1950	35,000	890	5	2	0	an outline of gst, Bertalanffy; emergence of multi-actor systems, Homburg; general system theory: a new approach to unity of science (6 commentaries)	3	52	0
1951	38,400	1,100	9	7	0		2	25	0
1952	39,200	1,150	1	0	0		0	0	0
1953	40,500	1,290	6	0	0		0	0	0
1954	40,700	1,380	4	0	0		0	0	0
1955	41,900	1,370	4	0	0	The Malthusian model as a general system, K Boulding	1	2	0

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						General system theory: The skeleton of science, K Boulding;L von Bertalanfy - Yearbook for the Advancement of of General System Theory		169	0
1956	42,600	1,450	18	4	0		5		0
1957	44,300	1,550	4	0	0		0	0	0
1958	45,000	1,640	12	0	0		2	11	0
1959	47,300	1,910	11	0	0		0	0	0
1960	49,800	2,120	12	0	0		0	0	0
1961	52,600	2,320	12	0	0		1	0	0
1962	56,000	2,540	24	3	0		4	12	47
1963	61,300	2,980	11	0	0		5	8	7
1964	67,500	3,480	20	0	0		9	41	0
1965	73,200	3,860	17	0	0		3	0	39
1966	75,900	4,130	37	0	0		8	88	77
1967	80,600	4,670	22	0	0		8	18	1653
						281-General System Theory: Foundations, L von Bertalanfy;		122	40
1968	85,600	5,320	53	3	3	816-General System Theory: Foundations, L von Bertalanfy; 3-Systems theory-a discredited philosophy, DC Philips -	18		
1969	88,700	5,550	38	6	9	Abacus 26-Family systems: Morphostasis and morphogenesis, or" Is Homeostasis Enough?"	11	340	4
1970	93,000	5,920	32	4	29	DC Speer; 5-Crisis theory: Critique and reformulation, JR Taplin	19	8	47
1971	96,200	6,390	39	7	6	2-The uses of mathematical isomorphism in general system theory. GJ Klir, ed A Rapaport; 2-The relevance of general system theory,L Bertalanffy; 1-A Watted Theory of Systems AW Wymore - Trends in General System Theory, GJ Klir (Ed.), John Wiley; 51-Curriculum recommendations for graduate professional programs in information systems, RL Ashenhurst ;	22	61	54
1972	101,000	6,810	43	5	57	25-Theorie generale des systemes, L von Bertalanffy;	38	56	148
1973	104,000	7,490	62	11	28	1-A critical look at the state of our science, MJ Spier ;	24	114	19
1974	107,000	8,270	51	4	1		17	17	33

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						44-Perspectives on general system theory: scientific-philosophical studies, L von Bertalanffy; 2-The history and development of general system theory. Em L. von Bertalanffy (Org.); 3-General Systems Theory: Mathematical Foundations, M Mesarovich, Y Takahara; 2-An Intrduction to General Systems Tinking, GM Weinberg; 9-The Science and Typology of Family Systems II. Further Theoretical and Practical Considerations ES WERTHEIM; 3-A category-theoretic approach to systems in a fuzzy world MA Arbib, EG Manes;			
1975	115,000	9,450	88	18	82		32	203	15
						14-Organizational Effectiveness: An Empirical Comparision of the Goal and System Resource Approaches*, JJ Molnar, DL Rogers			
1976	118,000	9,840	60	6	17	34-System identification, approximation and complexity, BR Gaines; 19-Advanced forecasting methods for global crisis warning and models of intelligence, PJ Werbos;	19	113	110
1977	121,000	6,170	68	7	21	3-Progress in General Systems Research BR Gaines; 9-Results of empirical studies in fuzzy set theory, HJ Zimmermann; 13-Teaching Dynamic Feedback Systems Thinking: an Elementary View., N Roberts;	25	75	338
1978	125,000	12,200	76	10	32	4-Sociobiology and general system's theory: A critique of the new synthesis, JA Busch; 2-General System Theory, rev. ed, L Bertalanffy;	36	77	169
1979	129,000	13,600	75	13	15	6-The robustness of natural systems, A Roberts, K Tregonning;9-The background and some current problems of theoretical ecology,	36	216	808
1980	134,000	15,000	95	4	15	RP McIntosh;	29	43	34

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1981	138,000	14,400	87	10	14	5-Living groups: group psychotherapy and general system theory, JE Durkin; 6-Conspectus of Software Engineering Environments, HL Hausen, M Muellerburg;	36	49	131
1982	143,000	16,200	85	8	3	11-What Is an Epistemology of Family Therapy?, BP KEENEY;	33	89	197
1983	148,000	18,100	99	10	126	20-Development of system dynamics as a methodology for system description and qualitative analysis, EF Wolstenholme, RG Coyle; 76-Circumplex Model of Marital and Family Systems: VI. Theoretical Update DH OLSON, CS RUSSELL, DH SPRENKLE, J Haley; 4-Stability of spatio-temporal feedback systems, G Haeusler, N Streibl; 19-The relationship between ontogenetic habitat shifts, competition and predator avoidance in a ..., JA Stamps;	28	3	183
1984	155,000	18,400	88	12	40	9-A perspective on system theory, I Sandberg; 6-Feature extraction and decision procedure for automated inspection of textured materials, M Unser, F Ade, Pattern Recognition Letters; 8-Stability in dynamical systems, ED COURANT;	41	53	83
1985	162,000	21,800	108	9	21	3-Geography and General System Theory, Philosophical Homologies and Current Practice MJ Haigh; 4-From General Laws To Singularities, M ELKAIM;	29	74	56

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						14-General system theory: essential concepts & applications, A Rapoport; 4- biological" logarithm law" as a consequence of the general system-theoretical hyperbolic law of ..., BS FLEISCHMANN; 44-The information lens: an intelligent system for information sharing in organizations, TW Malone; 12-Multifaceted, multiparadigm modeling perspectives: tools for the 90's, BP Zeigler, TI Oeren; 32-Program Development as a Social Activity, K Nygaard - Information Processing;			
1986	171,000	25,400	117	12	127	8-Qualitative Simulation of Technical Systems using the General System Problem Solving Framework, FE Cellier; 42- Collective phenomena in evolutionary systems, HP Schwefel; 9-Biocybernetic and thermodynamic perspectives of landscape functions and land use patterns, Z Naveh;	78	126	960
1987	180,000	27,900	140	13	73	16-General System Theory, A Rapoport; 5-Systems inquiry in education; BH Banathy - Systems Practice;	74	74	824
1988	191,000	34,300	160	11	23	2-Art of Excess: Mastery in Contemporary American Fiction, T LeClair;	116	84	607
1989	201,000	36,100	198	5	5	3-Looking at Systems as Process, H CHUBB; 9- Social Semiotics As Praxis: Text, Social Meaning Making, and Nabokov's ADA, PJ Thibault;	150	132	1068
1990	212,000	38,000	231	4	11		138	112	879

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[note] or									[cite by other
Search string			"general	[selection of	[cited papers		"general	[cite by other	papers, org,
=	*	System*	system**	'C']	in 'D']	[some titles from 'E']	systems	gst papers]	psyche, info
Year	all pubs	w/system	w/"GS"	real of GS	real GS cites		w/"GST"	GST cites	anal, etc.]
									other cites
						123-Systems Methodology for the Management Sciences, MC Jackson;28- Mutual Causality in Buddhism and General Systems Theory: The Dharma of Natural Systems, J Macy;15-The roots of reductionism: A counter- ontopistemology for a systems approach, R Fuenmayor, G Lopez - Systems Practice;			
1991	220,000	40,300	232	5	166		108	80	1599
						Note: selecting and counting entries for D & E became a burden when more than 200 each year, becoming unreliable due to skimming and error in using "*" search char..., and was discontinued. I, J & K carried to same year. The majority, especially at the top of the list, became IEEE information theory. 1991 col K is 874 info theory, 489 soc,108 fam therapy, 75 psych, 5 org mgmt, 9 ai, 11 education, 4 health care, 4 human factors, 20 general			
1992	231,000	42,400	264				76		
1993	243,000	45,200	333				76		
1994	253,000	47,900	394				63		
1995	271,000	52,500	402				87		
1996	289,000	56,700	534				80		
1997	299,000	58,500	673				144		
1998	307,000	59,700	775				119		
1999	312,000	62,000	871				170		
2000	319,000	60,900	984				237		
2001	311,000	59,700	1020				197		
2002	303,000	56,300	1120				290		
2003	300,000	51,800	1170				252		
2004	255,000	38,800	969				204		