

# Jim Gray

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

13,231  
citations

201674

27  
h-index

501196

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

7245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	4.7	2,003
2	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2008, 175, 297-313.	7.7	1,202
3	Parallel database systems. <i>Communications of the ACM</i> , 1992, 35, 85-98.	4.5	1,053
4	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	4.7	953
5	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2006, 162, 38-48.	7.7	948
6	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	4.7	800
7	THE SLOAN DIGITAL SKY SURVEY QUASAR CATALOG. V. SEVENTH DATA RELEASE. <i>Astronomical Journal</i> , 2010, 139, 2360-2373.	4.7	800
8	The Sloan Digital Sky Survey Quasar Survey: Quasar Luminosity Function from Data Release 3. <i>Astronomical Journal</i> , 2006, 131, 2766-2787.	4.7	701
9	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	4.7	634
10	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 634-644.	7.7	615
11	A critique of ANSI SQL isolation levels. , 1995, , .		458
12	The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. <i>Astronomical Journal</i> , 2007, 134, 102-117.	4.7	394
13	The dangers of replication and a solution. <i>SIGMOD Record</i> , 1996, 25, 173-182.	1.2	354
14	Scientific data management in the coming decade. <i>SIGMOD Record</i> , 2005, 34, 34-41.	1.2	346
15	The Sloan Digital Sky Survey Quasar Catalog. III. Third Data Release. <i>Astronomical Journal</i> , 2005, 130, 367-380.	4.7	245
16	Cosmological Parameters from Eigenmode Analysis of Sloan Digital Sky Survey Galaxy Redshifts. <i>Astrophysical Journal</i> , 2004, 607, 655-660.	4.5	211
17	Science in an exponential world. <i>Nature</i> , 2006, 440, 413-414.	27.8	181
18	The Asilomar report on database research. <i>SIGMOD Record</i> , 1998, 27, 74-80.	1.2	169

#	ARTICLE	IF	CITATIONS
19	The Sloan Digital Sky Survey Quasar Catalog. II. First Data Release. <i>Astronomical Journal</i> , 2003, 126, 2579-2593.	4.7	158
20	Data Management in the Worldwide Sensor Web. <i>IEEE Pervasive Computing</i> , 2007, 6, 30-40.	1.3	152
21	The Lowell database research self-assessment. <i>Communications of the ACM</i> , 2005, 48, 111-118.	4.5	149
22	The convoy phenomenon. <i>Operating Systems Review (ACM)</i> , 1979, 13, 20-25.	1.9	132
23	The World-Wide Telescope. <i>Science</i> , 2001, 293, 2037-2040.	12.6	118
24	Designing and mining multi-terabyte astronomy archives. <i>SIGMOD Record</i> , 2000, 29, 451-462.	1.2	78
25	Quickly generating billion-record synthetic databases. <i>SIGMOD Record</i> , 1994, 23, 243-252.	1.2	76
26	Parallel database systems. <i>SIGMOD Record</i> , 1990, 19, 104-112.	1.2	74
27	Designing and mining multi-terabyte astronomy archives. , 2000, , .		73
28	Future Directions in DBMS Research - The Laguna Beach Participants. <i>SIGMOD Record</i> , 1989, 18, 17-26.	1.2	40
29	The Catalog Archive Server Database Management System. <i>Computing in Science and Engineering</i> , 2008, 10, 30-37.	1.2	36
30	A benchmark of NonStop SQL release 2 demonstrating near-linear speedup and scaleup on large databases. , 1990, , .		28
31	Loading databases using dataflow parallelism. <i>SIGMOD Record</i> , 1994, 23, 72-83.	1.2	28
32	Petabyte Scale Data Mining: Dream or Reality?. , 2002, , .		13
33	<title>Web services for the Virtual Observatory</title>. , 2002, , .		5
34	Large Databases in Astronomy. , 0, , 99-116.		4
35	Cosmological Parameters from Eigenmode Analysis of Sloan Digital Sky Survey Galaxy Redshifts. <i>Symposium - International Astronomical Union</i> , 2005, 216, 129-139.	0.1	0