

# Gilles Pisier

## List of Publications by Year in descending order

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54  
papers

2,406  
citations

516710

16  
h-index

526287

27  
g-index

63  
all docs

63  
docs citations

63  
times ranked

581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Martingales with values in uniformly convex spaces. Israel Journal of Mathematics, 1975, 20, 326-350.	0.8	375
2	Probabilistic methods in the geometry of Banach spaces. Lecture Notes in Mathematics, 1986, , 167-241.	0.2	237
3	A polynomially bounded operator on Hilbert space which is not similar to a contraction. Journal of the American Mathematical Society, 1997, 10, 351-369.	3.9	100
4	Bounded linear operators between $C^*$ -algebras. Duke Mathematical Journal, 1993, 71, 889.	1.5	90
5	The operator Hilbert space $OH$ , complex interpolation and tensor norms. Memoirs of the American Mathematical Society, 1996, 122, 0-0.	0.9	80
6	Counterexamples to a conjecture of Grothendieck. Acta Mathematica, 1983, 151, 181-208.	3.9	79
7	A construction of $\hat{A}_p$ -spaces and related Banach spaces and related Banach spaces. Sociedade Brasileira De Matematica Boletim, Nova Serie, 1983, 14, 109-123.	0.2	52
8	Projections from a von Neumann algebra onto a subalgebra. Bulletin De La Societe Mathematique De France, 1995, 123, 139-153.	0.2	49
9	Similarity Problems and Completely Bounded Maps. Lecture Notes in Mathematics, 1996, , .	0.2	36
10	A CONTINUUM OF $C^*$ -NORMS ON $(\langle i \rangle H \langle i \rangle) \hat{\otimes} (\langle i \rangle H \langle i \rangle)$ AND RELATED TENSOR PRODUCTS. Glasgow Mathematical Journal, 2016, 58, 433-443.	0.3	35
11	Remarks on $B(H) \hat{\otimes} B(H)$ . Proceedings of the Indian Academy of Sciences - Section A, 2006, 116, 423-428.	0.2	33
12	ON THE METRIC ENTROPY OF THE BANACH $\hat{M}$ -MAZUR COMPACTUM. Mathematika, 2015, 61, 179-198.	0.5	33
13	Random matrices and subexponential operator spaces. Israel Journal of Mathematics, 2014, 203, 223-273.	0.8	32
14	Complex interpolation and regular operators between Banach lattices. Archiv Der Mathematik, 1994, 62, 261-269.	0.5	31
15	REMARKS ON THE SIMILARITY DEGREE OF AN OPERATOR ALGEBRA. International Journal of Mathematics, 2001, 12, 403-414.	0.5	21
16	An inequality for $p$ -orthogonal sums in non-commutative $L_p$ . Illinois Journal of Mathematics, 2000, 44, .	0.1	16
17	Joint similarity problems and the generation of operator algebras with bounded length. Integral Equations and Operator Theory, 1998, 31, 353-370.	0.8	15
18	THE OPERATOR HILBERT SPACE $OH$ AND TYPE III VON NEUMANN ALGEBRAS. Bulletin of the London Mathematical Society, 2004, 36, 455-459.	0.8	12

#	ARTICLE	IF	CITATIONS
19	The "maximal" tensor product of operator spaces. Proceedings of the Edinburgh Mathematical Society, 1999, 42, 267-284.	0.3	11
20	THE NON-COMMUTATIVE KHINTCHINE INEQUALITIES FOR. Journal of the Institute of Mathematics of Jussieu, 2017, 16, 1103-1123.	0.7	11
21	Are Unitarizable Groups Amenable?. Progress in Mathematics, 2005, , 323-362.	0.3	9
22	THE $K_t$ -FUNCTIONAL FOR THE INTERPOLATION COUPLE $(L^{\frac{1}{2}}(dv), L^{\frac{1}{2}}(dv; L^{\frac{1}{4}}))$ . Quarterly Journal of Mathematics, 1995, 46, 333-344.	0.8	5
23	On uniformly bounded orthonormal Sidon systems. Mathematical Research Letters, 2017, 24, 893-932.	0.5	5
24	Real interpolation and transposition of certain function spaces. Revista Matematica Complutense, 2013, 26, 89-97.	1.2	3
25	A non-nuclear $C^*$ -algebra with the weak expectation property and the local lifting property. Inventiones Mathematicae, 2020, 222, 513-544.	2.5	3
26	Impossibility of Dimension Reduction in the Nuclear Norm. Discrete and Computational Geometry, 2020, 63, 319-345.	0.6	2
27	Completely Sidon sets in $C^*$ -algebras. Monatshefte Fur Mathematik, 2018, 187, 357-374.	0.9	1
28	The Halmos Similarity Problem. , 2010, , 325-339.		0
29	A Note on Sidon Sets in Bounded Orthonormal Systems. Journal of Fourier Analysis and Applications, 2019, 25, 995-1007.	1.0	0
30	Completely bounded and completely positive maps. , 2020, , 41-62.		0
31	Multiplicative domains of c.p. maps. , 2020, , 106-112.		0
32	Biduals, injective von Neumann algebras, and $C^*$ -norms. , 2020, , 161-179.		0
33	Traces and ultraproducts. , 2020, , 225-261.		0
34	The Connes embedding problem. , 2020, , 262-279.		0
35	Kirchberg's conjecture. , 2020, , 280-290.		0
36	Equivalence of the two main questions. , 2020, , 291-296.		0

#	ARTICLE	IF	CITATIONS
37	Equivalence with finite representability conjecture. , 2020, , 297-299.		0
38	Equivalence with Tsirelson's problem. , 2020, , 300-310.		0
39	Property (T) and residually finite groups. , 2020, , 311-316.		0
40	The WEP does not imply the LLP. , 2020, , 317-332.		0
41	Other proofs that $C(n) \prec_n$ : quantum expanders. , 2020, , 333-343.		0
42	Local embeddability into $C$ and nonseparability of $(O_S, dcb)$ . , 2020, , 344-357.		0
43	WEP as an extension property. , 2020, , 358-365.		0
44	Complex interpolation and maximal tensor product. , 2020, , 366-383.		0
45	Haagerup's characterizations of the WEP. , 2020, , 384-409.		0
46	Full crossed products and failure of WEP for $B \hat{\otimes} \min B$ . , 2020, , 410-433.		0
47	Completely bounded and completely positive maps. , 2020, , 11-40.		0
48	$C^*$ -algebras of discrete groups. , 2020, , 63-86.		0
49	$C^*$ -tensor products. , 2020, , 87-105.		0
50	Decomposable maps. , 2020, , 113-135.		0
51	Tensorizing maps and functorial properties. , 2020, , 136-160.		0
52	Nuclear pairs, WEP, LLP, QWEP. , 2020, , 180-209.		0
53	Exactness and nuclearity. , 2020, , 210-224.		0
54	Seemingly Injective Von Neumann Algebras. Acta Mathematica Scientia, 2021, 41, 2055-2085.	1.0	0