

# Frank Hansen

## List of Publications by Year in descending order

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32  
papers

677  
citations

840119

11  
h-index

580395

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

740  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Escherichia coli</i> Sequence Type 410 Is Causing New International High-Risk Clones. <i>MSphere</i> , 2018, 3, .	1.3	183
2	An operator inequality. <i>Mathematische Annalen</i> , 1980, 246, 249-250.	0.7	125
3	WGS-based surveillance of third-generation cephalosporin-resistant <i>Escherichia coli</i> from bloodstream infections in Denmark. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1922-1929.	1.3	73
4	CHTyper, a Web Tool for Subtyping of Extraintestinal Pathogenic <i>Escherichia coli</i> Based on the <i>fumC</i> and <i>fimH</i> Alleles. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	42
5	Non-commutative perspectives. <i>Annals of Functional Analysis</i> , 2014, 5, 74-79.	0.3	33
6	Extensions of Lieb's Concavity Theorem. <i>Journal of Statistical Physics</i> , 2006, 124, 87-101.	0.5	28
7	Trace functions as Laplace transforms. <i>Journal of Mathematical Physics</i> , 2006, 47, 043504.	0.5	24
8	Jensen's operator inequality for functions of several variables. <i>Proceedings of the American Mathematical Society</i> , 2000, 128, 2075-2084.	0.4	21
9	Selfadjoint means and operator monotone functions. <i>Mathematische Annalen</i> , 1981, 256, 29-35.	0.7	17
10	Regular operator mappings and multivariate geometric means. <i>Linear Algebra and Its Applications</i> , 2014, 461, 123-138.	0.4	14
11	Taxonomic reassessment of the genus <i>Pseudocitrobacter</i> using whole genome sequencing: <i>Pseudocitrobacter anthropi</i> is a later heterotypic synonym of <i>Pseudocitrobacter faecalis</i> and description of <i>Pseudocitrobacter vendiensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1315-1320.	0.8	14
12	Trace Functions with Applications in Quantum Physics. <i>Journal of Statistical Physics</i> , 2014, 154, 807-818.	0.5	11
13	Characterisation of Matrix Entropies. <i>Letters in Mathematical Physics</i> , 2015, 105, 1399-1411.	0.5	10
14	Functions of matrices with nonnegative entries. <i>Linear Algebra and Its Applications</i> , 1992, 166, 29-43.	0.4	7
15	Non-commutative Hardy inequalities. <i>Bulletin of the London Mathematical Society</i> , 2009, 41, 1009-1016.	0.4	7
16	Operator maps of Jensen-type. <i>Positivity</i> , 2018, 22, 1255-1263.	0.3	7
17	GENERALIZED NONCOMMUTATIVE HARDY AND HARDY'S HILBERT TYPE INEQUALITIES. <i>International Journal of Mathematics</i> , 2010, 21, 1283-1295.	0.2	6
18	Convexity of quantum $\chi^2$ -divergence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10078-10080.	3.3	6

#	ARTICLE	IF	CITATIONS
19	WYD-like Skew Information Measures. <i>Journal of Statistical Physics</i> , 2013, 151, 974-979.	0.5	6
20	Multivariate extensions of the Golden-Thompson inequality. <i>Annals of Functional Analysis</i> , 2015, 6, 301-310.	0.3	6
21	Golden-Thompson's Inequality for Deformed Exponentials. <i>Journal of Statistical Physics</i> , 2015, 159, 1300-1305.	0.5	6
22	Quantum Entropy Derived from First Principles. <i>Journal of Statistical Physics</i> , 2016, 165, 799-808.	0.5	6
23	A Unified Approach to Local Quantum Uncertainty and Interferometric Power by Metric Adjusted Skew Information. <i>Entropy</i> , 2021, 23, 263.	1.1	6
24	Variational representations related to Tsallis relative entropy. <i>Letters in Mathematical Physics</i> , 2020, 110, 2203-2220.	0.5	4
25	Perspectives and completely positive maps. <i>Annals of Functional Analysis</i> , 2017, 8, 168-176.	0.3	3
26	An Inequality for expectation of means of positive random variables. <i>Annals of Functional Analysis</i> , 2017, 8, 142-151.	0.3	3
27	Convex multivariate operator means. <i>Linear Algebra and Its Applications</i> , 2019, 564, 209-224.	0.4	2
28	Characterisation of extended-spectrum $\beta$ -lactamase/plasmid AmpC- $\beta$ -lactamase-producing <i>Escherichia coli</i> isolates from long-term recurrent bloodstream infections. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106041.	1.1	2
29	Subjective Expected Utility Theory with 'Small Worlds'. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
30	A Note on Quantum Entropy. <i>Mathematical Physics Analysis and Geometry</i> , 2016, 19, 1.	0.4	1
31	Peierls-Bogolyubov's Inequality for Deformed Exponentials. <i>Entropy</i> , 2017, 19, 271.	1.1	1
32	A note on the parallel sum. <i>Linear Algebra and Its Applications</i> , 2022, 636, 69-76.	0.4	1