Van Hoang Nguyen

List of Publications by Year
in descending order

47 papers	343 citations	1040056 9 h-index	940533 16 g-index
47 all docs	47 docs citations	47 times ranked	115 citing authors

#	Article	IF	Citations
1	A Liouville-Type Theorem for Fractional Elliptic Equation with Exponential Nonlinearity. Mediterranean Journal of Mathematics, 2022, 19, 1.	0.8	1
2	The thresholds of the existence of maximizers for the critical sharp singular Moserâ€“Trudinger inequality under constraints. Mathematische Annalen, 2021, 380, 1933-1958.	1.4	3
3	Extremals for the singular Moser-Trudinger inequality via n-harmonic transplantation. Journal of Differential Equations, 2021, 270, 843-882.	2.2	10
4	Extremal functions for sharp Moserâ€“Trudinger type inequalities in the whole space RN. Journal of Functional Analysis, 2021, 280, 108833.	1.4	0
5	The sharp higher-order Lorentzâ€“PoincarÃ© and Lorentzâ€“Sobolev inequalities in the hyperbolic spaces. Annali Di Matematica Pura Ed Applicata, 2021, 200, 2133-2153.	1.0	1
6	A mass transportation proof of the sharp one-dimensional Gagliardoâ€“Nirenberg inequalities. Journal of the Mathematical Society of Japan, 2021, 73, .	0.4	0
7	Liouville type theorems for some fractional elliptic problems. Nonlinear Analysis: Theory, Methods & Applications, 2021, 210, 112383.	1.1	3
8	Improved Singular Moserâ€“Trudinger Inequalities and Their Extremal Functions. Potential Analysis, 2020, 53, 55-88.	0.9	4
9	Sharp Gagliardoâ€“Nirenberg Trace Inequalities via Mass Transportation Method and Their Affine Versions. Journal of Geometric Analysis, 2020, 30, 2132-2156.	1.0	6
10	New sharp Hardy and Rellich type inequalities on Cartanâ€“Hadamard manifolds and their improvements. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 2952-2981.	1.2	18
11	The weighted Moserâ€“Trudinger inequalities of Adimurthiâ€“Druet type in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e22" altimg="si14.svg"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mi>N</mml:mi></mml:mrow></mml:msup></mml:math> Nonlinear Analysis: Theory, Methods & Applications, 2020, 195, 111723.	1.1	3
12	A supercritical Sobolev type inequality in higher order Sobolev spaces and related higher order elliptic problems. Journal of Differential Equations, 2020, 268, 5996-6032.	2.2	6
13	Higher order Sobolev trace inequalities on balls revisited. Journal of Functional Analysis, 2020, 278, 108414.	1.4	3
14	Trudingerâ€“Moser Type Inequalities with Vanishing Weights in the Unit Ball. Journal of Fourier Analysis and Applications, 2020, 26, 1.	1.0	0
15	Supercritical Moserâ€“Trudinger inequalities and related elliptic problems. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	9
16	The sharp Sobolev type inequalities in the Lorentzâ€“Sobolev spaces in the hyperbolic spaces. Journal of Mathematical Analysis and Applications, 2020, 490, 124197.	1.0	1
17	The sharp affine L2 Sobolev trace inequality and affine energy in the fractional Sobolev spaces. Advances in Applied Mathematics, 2020, 118, 102039.	0.7	6
18	The Hardyâ€“Moserâ€“Trudinger inequality via the transplantation of Green functions. Communications on Pure and Applied Analysis, 2020, 19, 3559-3574.	0.8	1

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19	Sharp Adamsâ€“Moserâ€“Trudinger type inequalities in the hyperbolic space. Revista Matematica Iberoamericana, 2020, 36, 1409-1467.	0.9	2
20	Sharp Constant for PoincarÃ©-Type Inequalities in the Hyperbolic Space. Acta Mathematica Vietnamica, 2019, 44, 781-795.	0.4	10
21	Remarks on the Moserâ€“Trudinger type inequality with logarithmic weights in dimension ?. Proceedings of the American Mathematical Society, 2019, 147, 5183-5193.	0.8	8
22	Second order Sobolev type inequalities in the hyperbolic spaces. Journal of Mathematical Analysis and Applications, 2019, 477, 1157-1181.	1.0	2
23	Concentrationâ€“Compactness principle for the sharp Adams inequalities in bounded domains and whole space Rn. Journal of Differential Equations, 2019, 267, 4448-4492.	2.2	3
24	The sharp Gagliardoâ€“Nirenbergâ€“Sobolev inequality in quantitative form. Journal of Functional Analysis, 2019, 277, 2179-2208.	1.4	3
25	A simple proof of the Momentâ€“Entropy inequalities. Advances in Applied Mathematics, 2019, 108, 31-44.	0.7	3
26	Weighted Finsler trace Hardy inequality on half spaces. Journal of Mathematical Analysis and Applications, 2019, 474, 1198-1212.	1.0	2
27	Extremal functions for the Moserâ€“Trudinger inequality of Adimurthiâ€“Druet type in W1,N(â„N). Communications in Contemporary Mathematics, 2019, 21, 1850023.	1.2	9
28	Phi-entropy inequalities and asymmetric covariance estimates for convex measures. Bernoulli, 2019, 25, .	1.3	3
29	The sharp PoincarÃ©â€“Sobolev type inequalities in the hyperbolic spaces <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">H</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msup></mml:math> Journal of Mathematical Analysis and Applications, 2018, 462, 1570-1584.	1.0	8
30	Improved Moserâ€“Trudinger inequality of Tintarev type in dimension n and the existence of its extremal functions. Annals of Global Analysis and Geometry, 2018, 54, 237-256.	0.6	14
31	Improved Moserâ€“Trudinger type inequalities in the hyperbolic space<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml1" display="inline" overflow="scroll" altimg="si1.gif"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">H</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msup></mml:math> Nonlinear Analysis: Theory, Methods & Applications, 2018, 168, 67-80.	1.1	9
32	A pointwise inequality for a biharmonic equation with negative exponent and related problems. Nonlinearity, 2018, 31, 5484-5499.	1.4	3
33	Maximizers for the variational problems associated with Sobolev type inequalities under constraints. Mathematische Annalen, 2018, 372, 229-255.	1.4	3
34	Sharp Caffarelliâ€“Kohnâ€“Nirenberg inequalities on stratified Lie groups. Annales Academiae Scientiarum Fennicae Mathematica, 2018, 43, 1073-1083.	0.7	2
35	Sharp reversed Hardyâ€“Littlewoodâ€“Sobolev inequality on R n. Israel Journal of Mathematics, 2017, 220, 189-223.	0.8	30
36	Improved Moserâ€“Trudinger inequality for functions with mean value zero in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" id="mml1" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msup></mml:math>and its extremal functions. Nonlinear Analysis: Theory, Methods & Applications, 2017, 163, 127-145.	1.1	10

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37	Some trace Hardy type inequalities and trace Hardyâ€“Sobolevâ€“Maz'ya type inequalities. Journal of Functional Analysis, 2016, 270, 4117-4151.	1.4	12
38	New approach to the affine PÃ³lyaâ€“SzegÃ¶ principle and the stability version of the affine Sobolev inequality. Advances in Mathematics, 2016, 302, 1080-1110.	1.1	21
39	Sharp Reversed Hardyâ€“Littlewoodâ€“Sobolev Inequality on the Half Space $mathbf{R}_+^n$. International Mathematics Research Notices, 2016, , rnw108.	1.0	10
40	Improved Lp-mixed volume inequality for convex bodies. Journal of Mathematical Analysis and Applications, 2015, 431, 1045-1053.	1.0	1
41	Sharp weighted Sobolev and Gagliardoâ€“Nirenberg inequalities on half-spaces via mass transport and consequences. Proceedings of the London Mathematical Society, 2015, 111, 127-148.	1.3	30
42	A local proof of the dimensional PrÃ©kopa's theorem. Journal of Mathematical Analysis and Applications, 2014, 419, 20-27.	1.0	1
43	Dimensional variance inequalities of Brascampâ€“Lieb type and a local approach to dimensional PrÃ©kopaÊ¼s theorem. Journal of Functional Analysis, 2014, 266, 931-955.	1.4	25
44	Entropy jumps for isotropic log-concave random vectors and spectral gap. Studia Mathematica, 2012, 213, 81-96.	0.7	40
45	UNIFORM LOWER BOUND AND LIOUVILLE TYPE THEOREM FOR FRACTIONAL LICHNEROWICZ EQUATIONS. Bulletin of the Australian Mathematical Society, 0, , 1-9.	0.5	0
46	Sharp Caffarelliâ€“Kohnâ€“Nirenberg inequalities on Riemannian manifolds: the influence of curvature. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-26.	1.2	3
47	Liouville Type Theorems for Fractional Parabolic Problems. Journal of Dynamics and Differential Equations, 0, , 1.	1.9	1