Yanyan Li

List of Publications by Year in descending order

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109 papers	4,761 citations	94433 37 h-index	106344 65 g-index
110 all docs	110 docs citations	110 times ranked	2139 citing authors

#	Article	IF	Citations
1	Uniqueness theorems through the method of moving spheres. Duke Mathematical Journal, 1995, 80, 383.	1.5	305
2	Remark on some conformally invariant integral equations: the method of moving spheres. Journal of the European Mathematical Society, 2004, 6, 153-180.	1.4	253
3	Title is missing!. Indiana University Mathematics Journal, 1994, 43, 1255.	0.9	239
4	Estimates for elliptic systems from composite material. Communications on Pure and Applied Mathematics, 2003, 56, 892-925.	3.1	204
5	On a variational problem with lack of compactness: the topological effect of the critical points at infinity. Calculus of Variations and Partial Differential Equations, 1995, 3, 67-93.	1.7	187
6	Liouville-type theorems and harnack-type inequalities for semilinear elliptic equations. Journal D'Analyse Mathematique, 2003, 90, 27-87.	0.8	173
7	On a fractional Nirenberg problem, part I: blow up analysis and compactness of solutions. Journal of the European Mathematical Society, 2014, 16, 1111-1171.	1.4	159
8	Prescribing scalar curvature on Sn and related problems, part II: Existence and compactness. Communications on Pure and Applied Mathematics, 1998, 49, 541-597.	3.1	126
9	On some conformally invariant fully nonlinear equations. Communications on Pure and Applied Mathematics, 2003, 56, 1416-1464.	3.1	125
10	YAMABE TYPE EQUATIONS ON THREE DIMENSIONAL RIEMANNIAN MANIFOLDS. Communications in Contemporary Mathematics, 1999, 01, 1-50.	1.2	124
11	Dispersive liquidâ€“liquid microextraction followed by reversed phase-high performance liquid chromatography for the determination of polybrominated diphenyl ethers at trace levels in landfill leachate and environmental water samples. Analytica Chimica Acta, 2008, 615, 96-103.	5.4	98
12	The distance function to the boundary, Finsler geometry, and the singular set of viscosity solutions of some Hamilton-Jacobi equations. Communications on Pure and Applied Mathematics, 2005, 58, 85-146.	3.1	95
13	Characterization and biodistribution in vivo of quercetin-loaded cationic nanostructured lipid carriers. Colloids and Surfaces B: Biointerfaces, 2014, 115, 125-131.	5.0	95
14	Some existence results for fully nonlinear elliptic equations of monge-ampÃ¨re type. Communications on Pure and Applied Mathematics, 1990, 43, 233-271.	3.1	93
15	The Yamabe problem on manifolds with boundary: Existence and compactness results. Duke Mathematical Journal, 1999, 99, 489.	1.5	92
16	The Dirichlet problem for singularly perturbed elliptic equations. Communications on Pure and Applied Mathematics, 1998, 51, 1445-1490.	3.1	89
17	An extension to a theorem of JÃ¶rgens, Calabi, and Pogorelov. Communications on Pure and Applied Mathematics, 2003, 56, 549-583.	3.1	87
18	Existence of solutions for semilinear elliptic equations with indefinite linear part. Journal of Differential Equations, 1992, 96, 89-115.	2.2	82

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19	Tetrabromobisphenol A and heavy metal exposure via dust ingestion in an e-waste recycling region in Southeast China. Science of the Total Environment, 2016, 541, 356-364.	8.0	82
20	Compactness of solutions to the Yamabe problem. II. Calculus of Variations and Partial Differential Equations, 2005, 24, 185-237.	1.7	71
21	Compactness of solutions to the Yamabe problem. III. Journal of Functional Analysis, 2007, 245, 438-474.	1.4	59
22	The existence of conformal metrics with constant scalar curvature and constant boundary mean curvature. Communications in Analysis and Geometry, 2000, 8, 809-869.	0.4	54
23	On â€“Î´u =K(x)u5 in â„3. Communications on Pure and Applied Mathematics, 1993, 46, 303-340.	3.1	52
24	Hypersurfaces of prescribed curvature measure. Duke Mathematical Journal, 2012, 161, .	1.5	52
25	Quercetin attenuates chronic ethanol hepatotoxicity: Implication of â€œfreeâ€•iron uptake and release. Food and Chemical Toxicology, 2014, 67, 131-138.	3.6	52
26	Daily intake of polybrominated diphenyl ethers via dust and diet from an e-waste recycling area in China. Journal of Hazardous Materials, 2014, 276, 35-42.	12.4	51
27	Magnetic effervescent tablet-assisted ionic liquid-based dispersive liquid-liquid microextraction of polybrominated diphenyl ethers in liquid matrix samples. Talanta, 2019, 195, 785-795.	5.5	49
28	Some Remarks on Singular Solutions of Nonlinear Elliptic Equations III: Viscosity Solutions Including Parabolic Operators. Communications on Pure and Applied Mathematics, 2013, 66, 109-143.	3.1	48
29	Dispersive liquidâ€“liquid microextraction followed by reversed phase HPLC for the determination of decabrominated diphenyl ether in natural water. Journal of Separation Science, 2008, 31, 2371-2376.	2.5	47
30	Sharp Sobolev trace inequalities on Riemannian manifolds with boundaries. Communications on Pure and Applied Mathematics, 1997, 50, 449-487.	3.1	46
31	On the Yamabe problem and the scalar curvature problems under boundary conditions. Mathematische Annalen, 2002, 322, 667-699.	1.4	46
32	Mass and angular-momentum inequalities for axi-symmetric initial data sets. II. Angular momentum. Annals of Physics, 2008, 323, 2591-2613.	2.8	45
33	Gradient Estimates for Solutions of the LamÃ© System with Partially Infinite Coefficients. Archive for Rational Mechanics and Analysis, 2015, 215, 307-351.	2.4	42
34	Topology and Sobolev Spaces. Journal of Functional Analysis, 2001, 183, 321-369.	1.4	41
35	Conformally invariant fully nonlinear elliptic equations and isolated singularities. Journal of Functional Analysis, 2006, 233, 380-425.	1.4	41
36	Asymptotic behavior of solutions to the Ïƒ k -Yamabe equation near isolated singularities. Inventiones Mathematicae, 2010, 182, 635-684.	2.5	40

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37	A Harnack type inequality for the Yamabe equation in low dimensions. Calculus of Variations and Partial Differential Equations, 2004, 20, 133-151.	1.7	38
38	Quercetin prevents ethanol-induced iron overload by regulating hepcidin through the BMP6/SMAD4 signaling pathway. Journal of Nutritional Biochemistry, 2014, 25, 675-682.	4.2	37
39	The Nirenberg problem in a domain with boundary. Topological Methods in Nonlinear Analysis, 1995, 6, 309.	0.2	36
40	C1,1 estimates for solutions of a problem of Alexandrov. Communications on Pure and Applied Mathematics, 1997, 50, 789-811.	3.1	34
41	Determination of Estrone and 17Î²-Estradiol in Water Samples Using Dispersive Liquidâ€“Liquid Microextraction Followed by LC. Chromatographia, 2010, 71, 405-410.	1.3	34
42	Derivative estimates of solutions of elliptic systems in narrow regions. Quarterly of Applied Mathematics, 2014, 72, 589-596.	0.7	34
43	The Nirenberg problem and its generalizations: a unified approach. Mathematische Annalen, 2017, 369, 109-151.	1.4	34
44	Gradient estimates for solutions of the LamÃ© system with partially infinite coefficients in dimensions greater than two. Advances in Mathematics, 2017, 305, 298-338.	1.1	34
45	Extraction and determination of polybrominated diphenyl ethers in water and urine samples using solidified floating organic drop microextraction along with high performance liquid chromatography. Mikrochimica Acta, 2012, 176, 303-309.	5.0	33
46	A Nonlinear Elliptic PDE with Two Sobolevâ€“Hardy Critical Exponents. Archive for Rational Mechanics and Analysis, 2012, 203, 943-968.	2.4	31
47	Multi-bump solutions of -Î”n = K(x)u ^{(n+2)/(n-2)} on lattices in â„ⁿ. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 163-211.	0.9	31
48	Magnetic effervescent tablets containing ionic liquids as a non-conventional extraction and dispersive agent for determination of pyrethroids in milk. Food Chemistry, 2018, 268, 468-475.	8.2	31
49	A geometric characterization of a sharp Hardy inequality. Journal of Functional Analysis, 2012, 262, 3159-3185.	1.4	30
50	Hepatoprotective Effect of Quercetin on Endoplasmic Reticulum Stress and Inflammation after Intense Exercise in Mice through Phosphoinositide 3-Kinase and Nuclear Factor-Kappa B. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	4.0	30
51	Estimates and existence results for a fully nonlinear Yamabe problem on manifolds with boundary. Calculus of Variations and Partial Differential Equations, 2007, 28, 509-543.	1.7	29
52	Carbon monoxide alleviates ethanol-induced oxidative damage and inflammatory stress through activating p38 MAPK pathway. Toxicology and Applied Pharmacology, 2013, 273, 53-58.	2.8	28
53	Local gradient estimates of solutions to some conformally invariant fully nonlinear equations. Communications on Pure and Applied Mathematics, 2009, 62, 1293-1326.	3.1	26
54	A solid-phase microextraction fiber coating based on magnetic covalent organic framework for highly efficient extraction of triclosan and methyltriclosan in environmental water and human urine samples. Ecotoxicology and Environmental Safety, 2021, 219, 112319.	6.0	26

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55	Regularity of harmonic maps with prescribed singularities. Communications in Mathematical Physics, 1992, 149, 1-30.	2.2	25
56	A Liouville theorem for solutions of the Mongeâ€“AmpÃ¨re equation with periodic data. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2004, 21, 97-120.	1.4	25
57	Reproductive toxicity of Î²-diketone antibiotic mixtures to zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2017, 141, 160-170.	6.0	25
58	Degree and Sobolev spaces. Topological Methods in Nonlinear Analysis, 1999, 13, 181.	0.2	25
59	On the exterior Dirichlet problem for Hessian equations. Transactions of the American Mathematical Society, 2014, 366, 6183-6200.	0.9	23
60	Iron-Mediated Lysosomal Membrane Permeabilization in Ethanol-Induced Hepatic Oxidative Damage and Apoptosis: Protective Effects of Quercetin. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	4.0	23
61	Lipid metabolism disorder induced by up-regulation of miR-125b and miR-144 following Î²-diketone antibiotic exposure to F0-zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2018, 164, 243-252.	6.0	23
62	Development of an effervescent tablet microextraction method using NiFe2O4-based magnetic nanoparticles for preconcentration/extraction of heavy metals prior to ICP-MS analysis of seafood. Journal of Analytical Atomic Spectrometry, 2019, 34, 598-606.	3.0	23
63	Degenerate Conformally Invariant Fully Nonlinear Elliptic Equations. Archive for Rational Mechanics and Analysis, 2007, 186, 25-51.	2.4	22
64	Reuse of waste Myrica rubra for green synthesis of nitrogen-doped carbon dots as an â€œon-off-onâ€• fluorescent probe for Fe3+ and ascorbic acid detection. Ecotoxicology and Environmental Safety, 2022, 233, 113350.	6.0	21
65	Comparison principles and Lipschitz regularity for some nonlinear degenerate elliptic equations. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	20
66	Compactness of solutions to the Yamabe problem. Comptes Rendus Mathematique, 2004, 338, 693-695.	0.3	19
67	Application of IEUBK model in lead risk assessment of children aged 61â€“84 months old in central China. Science of the Total Environment, 2016, 541, 673-682.	8.0	19
68	Salting-out induced liquidâ€“liquid microextraction based on the system of acetonitrile/magnesium sulfate for trace-level quantitative analysis of fluoroquinolones in water, food and biological matrices by high-performance liquid chromatography with a fluorescence detector. Analytical Methods, 2014, 6, 6973-6980.	2.7	18
69	A novel raiometric fluorescence probe based on silicon quantum dots and copper nanoclusters for visual assay of l-cysteine in milks. Food Chemistry, 2022, 379, 132155.	8.2	18
70	Local gradient estimates of solutions to some conformally invariant fully nonlinear equations. Comptes Rendus Mathematique, 2006, 343, 249-252.	0.3	17
71	A compactness theorem for a fully nonlinear Yamabe problem under a lower Ricci curvature bound. Journal of Functional Analysis, 2014, 266, 3741-3771.	1.4	17
72	A fully nonlinear version of the Yamabe problem on manifolds with boundary. Journal of the European Mathematical Society, 2006, 8, 295-316.	1.4	16

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73	Asymptotics of the Gradient of Solutions to the Perfect Conductivity Problem. Multiscale Modeling and Simulation, 2019, 17, 899-925.	1.6	16
74	On the C 1 regularity of solutions to divergence form elliptic systems with dini-continuous coefficients. Chinese Annals of Mathematics Series B, 2017, 38, 489-496.	0.4	14
75	Gradient estimates for parabolic systems from composite material. Science China Mathematics, 2017, 60, 2011-2052.	1.7	14
76	Effervescence-assisted dual microextraction of PAHs in edible oils using lighter-than-water phosphonium-based ionic liquids and switchable hydrophilic/hydrophobic fatty acids. Analytical and Bioanalytical Chemistry, 2021, 413, 1983-1997.	3.7	14
77	Determination of Tetracyclines in Water by Ethyl Acetateâ€“Ionic Liquid Dispersive Liquidâ€“Liquid Microextraction and High-Performance Liquid Chromatography. Analytical Letters, 2014, 47, 1783-1795.	1.8	13
78	Existence and nonexistence to exterior Dirichlet problem for Mongeâ€“AmpÃ¨re equation. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	13
79	A fully nonlinear version of the Yamabe problem on locally conformally flat manifolds with umbilic boundary. Advances in Mathematics, 2014, 251, 87-110.	1.1	12
80	Homogeneous Solutions of Stationary Navierâ€“Stokes Equations with Isolated Singularities on the Unit Sphere. I. One Singularity. Archive for Rational Mechanics and Analysis, 2018, 227, 1091-1163.	2.4	12
81	Compactness of conformal metrics with constant Q-curvature. I. Advances in Mathematics, 2019, 345, 116-160.	1.1	12
82	Homogeneous solutions of stationary Navierâ€“Stokes equations with isolated singularities on the unit sphere. II. Classification of axisymmetric no-swirl solutions. Journal of Differential Equations, 2018, 264, 6082-6108.	2.2	11
83	Dl-3-N-Butylphthalide Promotes Angiogenesis in an Optimized Model of Transient Ischemic Attack in C57BL/6 Mice. Frontiers in Pharmacology, 2021, 12, 751397.	3.5	11
84	On some conformally invariant fully nonlinear equations. Comptes Rendus Mathematique, 2002, 334, 305-310.	0.3	10
85	Tissue distribution of tetrabromobisphenol A and cadmium in mixture inhalation exposure. Toxicology and Industrial Health, 2019, 35, 165-176.	1.4	10
86	Existence and Uniqueness to a Fully Nonlinear Version of the Loewnerâ€“Nirenberg Problem. Communications in Mathematics and Statistics, 2018, 6, 269-288.	1.5	9
87	Gradient estimates of solutions to the insulated conductivity problem in dimension greater than two. Mathematische Annalen, 2023, 385, 1775-1796.	1.4	9
88	Strong comparison principles for some nonlinear degenerate elliptic equations. Acta Mathematica Scientia, 2018, 38, 1583-1590.	1.0	8
89	The axisymmetric Ïƒ-Nirenberg problem. Journal of Functional Analysis, 2021, 281, 109198.	1.4	8
90	The Dirichlet problem for singularly perturbed elliptic equations. Communications on Pure and Applied Mathematics, 1998, 51, 1445-1490.	3.1	8

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91	Asymptotic stability of homogeneous solutions of incompressible stationary Navier-Stokes equations. Journal of Differential Equations, 2021, 297, 226-245.	2.2	7
92	On a variational problem with lack of compactness: the topological effect of the critical points at infinity. Calculus of Variations and Partial Differential Equations, 1995, 3, 67-93.	1.7	6
93	Nonlinear partial differential equations and applications: Some nonlinear elliptic equations from geometry. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15287-15290.	7.1	5
94	Vanishing viscosity limit for homogeneous axisymmetric no-swirl solutions of stationary Navier-Stokes equations. Journal of Functional Analysis, 2019, 277, 3599-3652.	1.4	5
95	Existence and Uniqueness of Green's Functions to Nonlinear Yamabe Problems. Communications on Pure and Applied Mathematics, 2023, 76, 1554-1607.	3.1	5
96	On conformally invariant equations on -II. Exponential invariance. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5194-5211.	1.1	4
97	The joint effects of room temperature ionic liquids and ordered media on fluorescence characteristics of estrogens in water and methanol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 497-507.	3.9	4
98	Symmetry, quantitative Liouville theorems and analysis of large solutions of conformally invariant fully nonlinear elliptic equations. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	4
99	Counterexamples to C2 Boundary Estimates for a Fully Nonlinear Yamabe Problem on Manifolds with Boundary. Advanced Nonlinear Studies, 2012, 12, 783-797.	1.7	3
100	On conformally invariant equations on. Nonlinear Analysis: Theory, Methods & Applications, 2014, 95, 339-361.	1.1	3
101	Un thÃ©orÃ¨me de Liouville pour les solutions de l'Ã©quation de Mongeâ€“AmpÃ¨re avec donnÃ©es periodiques. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2004, 21, 97-120.	1.4	2
102	Determination of Phenolics in Water andArthrospira(Spirulina)platensisby Concentrated Sulfuric Acid and Ultrasound-Assisted Surfactant-Enhanced Emulsification Microextraction and High Performance Liquid Chromatography. Analytical Letters, 2014, 47, 1242-1260.	1.8	2
103	A degree theory for second order nonlinear elliptic operators with nonlinear oblique boundary conditions. Journal of Fixed Point Theory and Applications, 2017, 19, 853-876.	1.1	2
104	Sharp Sobolev trace inequalities on Riemannian manifolds with boundaries. Communications on Pure and Applied Mathematics, 1997, 50, 449-487.	3.1	2
105	Diffuse low-grade glioma mimicking ischaemic infarct: a case report. International Journal of Neuroscience, 2018, 128, 886-890.	1.6	1
106	Multiple Point Blowup Phenomenon in Scalar Curvature Equations on Spheres of Dimension Greater Than Three. , 1996, , 285-294.		1
107	A Liouville Theorem for MÃ¶bius Invariant Equations. Peking Mathematical Journal, 0, , 1.	1.2	1
108	The work of Louis Nirenberg. , 2011, , .		0

#	Article	IF	Citations
109	On the Ïf2-Nirenberg problem on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">S</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math Journal of Functional Analysis, 2022, , 109606.	1.4	0