

Michael RÃ¶ckner

List of Publications by Year in descending order

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209
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218
all docs

218
docs citations

218
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the Theory of (Non-Symmetric) Dirichlet Forms. Universitext, 1992, , .	0.2	551
2	Stochastic Partial Differential Equations: An Introduction. Universitext, 2015, , .	0.2	239
3	Classical Dirichlet forms on topological vector spaces – Closability and a Cameron-Martin formula. Journal of Functional Analysis, 1990, 88, 395-436.	1.4	140
4	Weak Poincaré Inequalities and L2-Convergence Rates of Markov Semigroups. Journal of Functional Analysis, 2001, 185, 564-603.	1.4	135
5	Stochastic generalized porous media and fast diffusion equations. Journal of Differential Equations, 2007, 238, 118-152.	2.2	115
6	SPDE in Hilbert space with locally monotone coefficients. Journal of Functional Analysis, 2010, 259, 2902-2922.	1.4	113
7	Stochastic Evolution Equations of Jump Type: Existence, Uniqueness and Large Deviation Principles. Potential Analysis, 2007, 26, 255-279.	0.9	108
8	Random attractors for a class of stochastic partial differential equations driven by general additive noise. Journal of Differential Equations, 2011, 251, 1225-1253.	2.2	99
9	Large deviations for stochastic reaction-diffusion systems with multiplicative noise and non-Lipshitz reaction term. Annals of Probability, 2004, 32, 1100.	1.8	95
10	Uniqueness of generalized Schrödinger operators and applications. Journal of Functional Analysis, 1992, 105, 187-231.	1.4	88
11	Harnack and functional inequalities for generalized Mehler semigroups. Journal of Functional Analysis, 2003, 203, 237-261.	1.4	73
12	Generalized Mehler semigroups and applications. Probability Theory and Related Fields, 1996, 105, 193-225.	1.8	70
13	Strong Solutions of Stochastic Generalized Porous Media Equations: Existence, Uniqueness, and Ergodicity. Communications in Partial Differential Equations, 2006, 31, 277-291.	2.2	69
14	Elliptic and parabolic equations for measures. Russian Mathematical Surveys, 2009, 64, 973-1078.	0.6	68
15	Existence of strong solutions for stochastic porous media equation under general monotonicity conditions. Annals of Probability, 2009, 37, .	1.8	68
16	Regular dependence on initial data for stochastic evolution equations with multiplicative Poisson noise. Journal of Functional Analysis, 2010, 258, 616-649.	1.4	66
17	Quasi-homeomorphisms of Dirichlet forms. Nagoya Mathematical Journal, 1994, 136, 1-15.	0.8	65
18	Stochastic Porous Media Equations and Self-Organized Criticality. Communications in Mathematical Physics, 2009, 285, 901-923.	2.2	63

#	ARTICLE	IF	CITATIONS
19	Weak solutions to stochastic porous media equations. <i>Journal of Evolution Equations</i> , 2004, 4, 249.	1.1	62
20	Local and global well-posedness of SPDE with generalized coercivity conditions. <i>Journal of Differential Equations</i> , 2013, 254, 725-755.	2.2	62
21	From nonlinear Fokker-Planck equations to solutions of distribution dependent SDE. <i>Annals of Probability</i> , 2020, 48, .	1.8	59
22	Large Deviations for Stochastic Tamed 3D Navier-Stokes Equations. <i>Applied Mathematics and Optimization</i> , 2010, 61, 267-285.	1.6	58
23	Generalized Mehler Semigroups: The Non-Gaussian Case. <i>Potential Analysis</i> , 2000, 12, 1-47.	0.9	57
24	Singular dissipative stochastic equations in Hilbert spaces. <i>Probability Theory and Related Fields</i> , 2002, 124, 261-303.	1.8	55
25	Singular stochastic equations on Hilbert spaces: Harnack inequalities for their transition semigroups. <i>Journal of Functional Analysis</i> , 2009, 257, 992-1017.	1.4	53
26	Elliptic equations for invariant measures on finite and infinite dimensional manifolds. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2001, 80, 177-221.	1.6	52
27	Stochastic tamed 3D Navier-Stokes equations: existence, uniqueness and ergodicity. <i>Probability Theory and Related Fields</i> , 2009, 145, 211.	1.8	51
28	LOG-HARNACK INEQUALITY FOR STOCHASTIC DIFFERENTIAL EQUATIONS IN HILBERT SPACES AND ITS CONSEQUENCES. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2010, 13, 27-37.	0.5	51
29	Stochastic Nonlinear Schrödinger Equations with Linear Multiplicative Noise: Rescaling Approach. <i>Journal of Nonlinear Science</i> , 2014, 24, 383-409.	2.1	50
30	Ergodicity of L^2 -Semigroups and Extremality of Gibbs States. <i>Journal of Functional Analysis</i> , 1997, 144, 394-423.	1.4	48
31	Stochastic nonlinear Schrödinger equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2016, 136, 168-194.	1.1	48
32	Averaging principle for slow-fast stochastic differential equations with time dependent locally Lipschitz coefficients. <i>Journal of Differential Equations</i> , 2020, 268, 2910-2948.	2.2	47
33	Elliptic equations for measures on infinite dimensional spaces and applications. <i>Probability Theory and Related Fields</i> , 2001, 120, 445-496.	1.8	46
34	Non-monotone stochastic generalized porous media equations. <i>Journal of Differential Equations</i> , 2008, 245, 3898-3935.	2.2	46
35	Martingale solutions and Markov selections for stochastic partial differential equations. <i>Stochastic Processes and Their Applications</i> , 2009, 119, 1725-1764.	0.9	45
36	The Global Random Attractor for a Class of Stochastic Porous Media Equations. <i>Communications in Partial Differential Equations</i> , 2010, 36, 446-469.	2.2	45

#	ARTICLE	IF	CITATIONS
37	Well-posedness of distribution dependent SDEs with singular drifts. Bernoulli, 2021, 27, .	1.3	45
38	Regularity analysis for stochastic partial differential equations with nonlinear multiplicative trace class noise. Journal of Differential Equations, 2012, 252, 114-136.	2.2	43
39	Stochastic 3D tamed Navier–Stokes equations: Existence, uniqueness and small time large deviation principles. Journal of Differential Equations, 2012, 252, 716-744.	2.2	43
40	An operatorial approach to stochastic partial differential equations driven by linear multiplicative noise. Journal of the European Mathematical Society, 2015, 17, 1789-1815.	1.4	42
41	Ergodicity for the Stochastic Dynamics of Quasi-invariant Measures with Applications to Gibbs States. Journal of Functional Analysis, 1997, 149, 415-469.	1.4	40
42	Quasi-Regular Dirichlet Forms: Examples and Counterexamples. Canadian Journal of Mathematics, 1995, 47, 165-200.	0.6	38
43	Stochastic Variational Inequalities and Applications to the Total Variation Flow Perturbed by Linear Multiplicative Noise. Archive for Rational Mechanics and Analysis, 2013, 209, 797-834.	2.4	38
44	Probabilistic Representation for Solutions to Nonlinear Fokker–Planck Equations. SIAM Journal on Mathematical Analysis, 2018, 50, 4246-4260.	1.9	38
45	Traces of harmonic functions and a new path space for the free quantum field. Journal of Functional Analysis, 1988, 79, 211-249.	1.4	36
46	Elliptic equations for measures: Regularity and global bounds of densities. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 743-757.	1.6	36
47	Existence of solutions to weak parabolic equations for measures. Proceedings of the London Mathematical Society, 2004, 88, 753-774.	1.3	35
48	Quasi-Linear (Stochastic) Partial Differential Equations with Time-Fractional Derivatives. SIAM Journal on Mathematical Analysis, 2018, 50, 2588-2607.	1.9	35
49	Markov Processes Associated With Positivity Preserving Coercive Forms. Canadian Journal of Mathematics, 1995, 47, 817-840.	0.6	34
50	On Partial Integration in Infinite-Dimensional Space and Applications to Dirichlet Forms. Journal of the London Mathematical Society, 1990, s2-42, 122-136.	1.0	33
51	Kolmogorov equations in infinite dimensions: Well-posedness and regularity of solutions, with applications to stochastic generalized Burgers equations. Annals of Probability, 2006, 34, 663.	1.8	33
52	Local existence and non-explosion of solutions for stochastic fractional partial differential equations driven by multiplicative noise. Stochastic Processes and Their Applications, 2014, 124, 1974-2002.	0.9	33
53	Perturbations of Generalized Mehler Semigroups and Applications to Stochastic Heat Equations with Levy Noise and Singular Drift. Potential Analysis, 2004, 20, 317-344.	0.9	32
54	Stochastic Porous Media Equations. Lecture Notes in Mathematics, 2016, , .	0.2	32

#	ARTICLE	IF	CITATIONS
55	An Analytic Approach to Fleming-Viot Processes with Interactive Selection. <i>Annals of Probability</i> , 1995, 23, 1.	1.8	31
56	TAMED 3D NAVIER-STOKES EQUATION: EXISTENCE, UNIQUENESS AND REGULARITY. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2009, 12, 525-549.	0.5	31
57	Specifications and Martin boundaries for $P(\hat{1})_2$ -random fields. <i>Communications in Mathematical Physics</i> , 1986, 106, 105-135.	2.2	29
58	Large deviations for stochastic generalized porous media equations. <i>Stochastic Processes and Their Applications</i> , 2006, 116, 1677-1689.	0.9	29
59	Markov processes associated with L_p -resolvents and applications to stochastic differential equations on Hilbert space. <i>Journal of Evolution Equations</i> , 2006, 6, 745-772.	1.1	29
60	Existence and uniqueness of solutions for Fokker-Planck equations on Hilbert spaces. <i>Journal of Evolution Equations</i> , 2010, 10, 487-509.	1.1	29
61	Rademacher's Theorem on Configuration Spaces and Applications. <i>Journal of Functional Analysis</i> , 1999, 169, 325-356.	1.4	28
62	On a random scaled porous media equation. <i>Journal of Differential Equations</i> , 2011, 251, 2494-2514.	2.2	28
63	On Maximal Inequalities for Purely Discontinuous Martingales in Infinite Dimensions. <i>Lecture Notes in Mathematics</i> , 2014, , 293-315.	0.2	28
64	Weak uniqueness of Fokker-Planck equations with degenerate and bounded coefficients. <i>Comptes Rendus Mathematique</i> , 2010, 348, 435-438.	0.3	26
65	A Milstein Scheme for SPDEs. <i>Foundations of Computational Mathematics</i> , 2015, 15, 313-362.	2.5	26
66	Generalized Markov fields and Dirichlet forms. <i>Acta Applicandae Mathematicae</i> , 1985, 3, 285-311.	1.0	25
67	L_p -analysis of finite and infinite dimensional diffusion operators. <i>Lecture Notes in Mathematics</i> , 1999, , 65-116.	0.2	25
68	A support property for infinite-dimensional interacting diffusion processes. <i>Comptes Rendus Mathematique</i> , 1998, 326, 359-364.	0.5	24
69	Quasi-regular Dirichlet Forms and L^p -resolvents on Measurable Spaces. <i>Potential Analysis</i> , 2006, 25, 269-282.	0.9	24
70	Restricted Markov uniqueness for the stochastic quantization of $P(\hat{1})_2$ and its applications. <i>Journal of Functional Analysis</i> , 2017, 272, 4263-4303.	1.4	24
71	Strong convergence order for slow-fast McKean-Vlasov stochastic differential equations. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2021, 57, .	1.1	24
72	Averaging Principle and Normal Deviations for Multiscale Stochastic Systems. <i>Communications in Mathematical Physics</i> , 2021, 383, 1889-1937.	2.2	24

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73	Vector analysis for Dirichlet forms and quasilinear PDE and SPDE on metric measure spaces. Stochastic Processes and Their Applications, 2013, 123, 4373-4406.	0.9	23
74	Uniqueness for Solutions of Fokker-Planck Equations on Infinite Dimensional Spaces. Communications in Partial Differential Equations, 2011, 36, 925-939.	2.2	22
75	Stochastic porous media equations in \mathbb{R}^d . Journal Des Mathematiques Pures Et Appliquees, 2015, 103, 1024-1052.	1.6	22
76	Optimal bilinear control of nonlinear stochastic Schrödinger equations driven by linear multiplicative noise. Annals of Probability, 2018, 46, .	1.8	22
77	A note on Tightness of Capacities Associated with Dirichlet Forms. Bulletin of the London Mathematical Society, 1992, 24, 181-184.	0.8	21
78	Weak solutions to the stochastic porous media equation via Kolmogorov equations: The degenerate case. Journal of Functional Analysis, 2006, 237, 54-75.	1.4	21
79	Probabilistic representation for solutions of an irregular porous media type equation. Annals of Probability, 2010, 38, .	1.8	21
80	ON UNIQUENESS OF MILD SOLUTIONS FOR DISSIPATIVE STOCHASTIC EVOLUTION EQUATIONS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2010, 13, 363-376.	0.5	21
81	Solutions for nonlinear Fokker-Planck equations with measures as initial data and McKean-Vlasov equations. Journal of Functional Analysis, 2021, 280, 108926.	1.4	21
82	Probabilistic representation for solutions of an irregular porous media type equation: the degenerate case. Probability Theory and Related Fields, 2011, 151, 1-43.	1.8	20
83	Regularity of invariant measures for a class of perturbed Ornstein-Uhlenbeck operators. Nonlinear Differential Equations and Applications, 1996, 3, 261-268.	0.8	19
84	Stochastic Nonlinear Diffusion Equations with Singular Diffusivity. SIAM Journal on Mathematical Analysis, 2009, 41, 1106-1120.	1.9	19
85	Finite time extinction of solutions to fast diffusion equations driven by linear multiplicative noise. Journal of Mathematical Analysis and Applications, 2012, 389, 147-164.	1.0	19
86	A Note on Evolution Systems of Measures for Time-Dependent Stochastic Differential Equations. Progress in Probability, 2007, , 115-122.	0.3	19
87	Markov property of generalized fields and axiomatic potential theory. Mathematische Annalen, 1983, 264, 153-177.	1.4	18
88	Poincaré Inequality for Weighted First Order Sobolev Spaces on Loop Spaces. Journal of Functional Analysis, 2001, 185, 527-563.	1.4	18
89	GENERATORS OF MEHLER-TYPE SEMIGROUPS AS PSEUDO-DIFFERENTIAL OPERATORS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2002, 05, 297-315.	0.5	18
90	Stochastic Porous Media Equations and Self-Organized Criticality: Convergence to the Critical State in all Dimensions. Communications in Mathematical Physics, 2012, 311, 539-555.	2.2	18

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91	Large deviation principles for the stochastic quasi-geostrophic equations. <i>Stochastic Processes and Their Applications</i> , 2013, 123, 3299-3327.	0.9	18
92	Sub and supercritical stochastic quasi-geostrophic equation. <i>Annals of Probability</i> , 2015, 43, .	1.8	18
93	GIBBS MEASURES OF CONTINUOUS SYSTEMS: AN ANALYTIC APPROACH. <i>Reviews in Mathematical Physics</i> , 2012, 24, 1250026.	1.7	17
94	Stochastic nonlinear Schrödinger equations: No blow-up in the non-conservative case. <i>Journal of Differential Equations</i> , 2017, 263, 7919-7940.	2.2	17
95	Finite time extinction for solutions to fast diffusion stochastic porous media equations. <i>Comptes Rendus Mathématique</i> , 2009, 347, 81-84.	0.3	16
96	From resolvents to càdlàg processes through compact excessive functions and applications to singular SDE on Hilbert spaces. <i>Bulletin Des Sciences Mathématiques</i> , 2011, 135, 844-870.	1.0	16
97	The stochastic reflection problem on an infinite dimensional convex set and BV functions in a Gelfand triple. <i>Annals of Probability</i> , 2012, 40, .	1.8	16
98	Singular-Degenerate Multivalued Stochastic Fast Diffusion Equations. <i>SIAM Journal on Mathematical Analysis</i> , 2015, 47, 4058-4090.	1.9	16
99	On the Ambrosio-Figalli-Trevisan Superposition Principle for Probability Solutions to Fokker-Planck-Kolmogorov Equations. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 715-739.	1.9	16
100	Strong uniqueness for both Dirichlet operators and stochastic dynamics to Gibbs measures on a path space with exponential interactions. <i>Journal of Functional Analysis</i> , 2012, 262, 602-638.	1.4	15
101	Harnack Inequalities and Applications for Ornstein-Uhlenbeck Semigroups with Jump. <i>Potential Analysis</i> , 2012, 36, 301-315.	0.9	15
102	The stochastic logarithmic Schrödinger equation. <i>Journal Des Mathématiques Pures Et Appliquées</i> , 2017, 107, 123-149.	1.6	15
103	A mild Itô formula for SPDEs. <i>Transactions of the American Mathematical Society</i> , 2019, 372, 3755-3807.	0.9	15
104	Scattering for Stochastic Nonlinear Schrödinger Equations. <i>Communications in Mathematical Physics</i> , 2019, 368, 843-884.	2.2	15
105	Small Mass Implies Uniqueness of Gibbs States of a Quantum Crystal. <i>Communications in Mathematical Physics</i> , 2003, 241, 69-90.	2.2	14
106	Dimension-Independent Harnack Inequalities for Subordinated Semigroups. <i>Potential Analysis</i> , 2011, 34, 293-307.	0.9	14
107	Gibbs states over the cone of discrete measures. <i>Journal of Functional Analysis</i> , 2013, 264, 2550-2583.	1.4	14
108	Stochastic variational inequalities and regularity for degenerate stochastic partial differential equations. <i>Transactions of the American Mathematical Society</i> , 2016, 369, 3017-3045.	0.9	14

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109	Convergence in variation of solutions of nonlinear Fokker-Planck-Kolmogorov equations to stationary measures. <i>Journal of Functional Analysis</i> , 2019, 276, 3681-3713.	1.4	14
110	Quasi regular Dirichlet forms and the stochastic quantization problem. <i>Interdisciplinary Mathematical Sciences</i> , 2015, , 27-58.	0.4	13
111	Ergodicity for the Stochastic Quantization Problems on the 2D-Torus. <i>Communications in Mathematical Physics</i> , 2017, 352, 1061-1090.	2.2	13
112	Quantum Stabilization in Anharmonic Crystals. <i>Physical Review Letters</i> , 2003, 90, 170603.	7.8	12
113	Invariance Implies Gibbsian: Some New Results. <i>Communications in Mathematical Physics</i> , 2004, 248, 335-355.	2.2	12
114	Applications of Compact Superharmonic Functions: Path Regularity and Tightness of Capacities. <i>Complex Analysis and Operator Theory</i> , 2011, 5, 731-741.	0.6	12
115	Superposition principle for non-local Fokker-Planck-Kolmogorov operators. <i>Probability Theory and Related Fields</i> , 2020, 178, 699-733.	1.8	12
116	On the contraction property of energy forms on infinite-dimensional space. <i>Journal of Functional Analysis</i> , 1990, 92, 155-165.	1.4	11
117	Dissipative stochastic equations in Hilbert space with time dependent coefficients. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2006, 17, 397-403.	0.6	10
118	On uniqueness of solutions to the Cauchy problem for degenerate Fokker-Planck-Kolmogorov equations. <i>Journal of Evolution Equations</i> , 2013, 13, 577-593.	1.1	10
119	On continuity equations in infinite dimensions with non-Gaussian reference measure. <i>Journal of Functional Analysis</i> , 2014, 266, 4490-4537.	1.4	10
120	Stochastic Heat Equations with Values in a Manifold via Dirichlet Forms. <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 2237-2274.	1.9	10
121	A Dirichlet problem for distributions and specifications for random fields. <i>Memoirs of the American Mathematical Society</i> , 1985, 54, 0-0.	0.9	10
122	Scaling limit of stochastic dynamics in classical continuous systems. <i>Annals of Probability</i> , 2003, 31, 1494.	1.8	9
123	ON THE SPECTRUM OF A CLASS OF NON-SECTORIAL DIFFUSION OPERATORS. <i>Bulletin of the London Mathematical Society</i> , 2004, 36, 95-104.	0.8	9
124	Essential self-adjointness of Dirichlet operators on a path space with Gibbs measures via an SPDE approach. <i>Journal of Functional Analysis</i> , 2007, 242, 486-518.	1.4	9
125	Strong dissipativity of generalized time-fractional derivatives and quasi-linear (stochastic) partial differential equations. <i>Journal of Functional Analysis</i> , 2021, 281, 109135.	1.4	9
126	Ray Hölder-continuity for fractional Sobolev spaces in infinite dimensions and applications. <i>Probability Theory and Related Fields</i> , 2000, 117, 201-220.	1.8	8

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127	N/V-limit for stochastic dynamics in continuous particle systems. Probability Theory and Related Fields, 2006, 137, 121-160.	1.8	8
128	Infinite interacting diffusion particles I: Equilibrium process and its scaling limit. Forum Mathematicum, 2006, 18, .	0.7	8
129	Potential theory of infinite dimensional Lévy processes. Journal of Functional Analysis, 2011, 261, 2845-2876.	1.4	8
130	Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents. Stochastic Processes and Their Applications, 2018, 128, 1405-1437.	0.9	8
131	Nonlinear Fokker-Planck equations driven by Gaussian linear multiplicative noise. Journal of Differential Equations, 2018, 265, 4993-5030.	2.2	8
132	General theory of Dirichlet forms and applications. Lecture Notes in Mathematics, 1993, , 129-193.	0.2	7
133	A-priori estimates and existence of Gibbs measures: a simplified proof. Comptes Rendus Mathematique, 1999, 328, 1049-1054.	0.5	7
134	Uniqueness for continuity equations in Hilbert spaces with weakly differentiable drift. Stochastics and Partial Differential Equations: Analysis and Computations, 2014, 2, 121-145.	0.9	7
135	Existence and uniqueness of solutions to stochastic functional differential equations in infinite dimensions. Nonlinear Analysis: Theory, Methods & Applications, 2015, 125, 358-397.	1.1	7
136	BV functions in a Gelfand triple for differentiable measure and its applications. Forum Mathematicum, 2015, 27, 1657-1687.	0.7	7
137	Global solutions to random 3D vorticity equations for small initial data. Journal of Differential Equations, 2017, 263, 5395-5411.	2.2	7
138	Schauder theorems for a class of (pseudo-)differential operators on finite- and infinite-dimensional state spaces. Journal of the London Mathematical Society, 2021, 104, 492-540.	1.0	7
139	Upper Envelopes of Families of Feller Semigroups and Viscosity Solutions to a Class of Nonlinear Cauchy Problems. SIAM Journal on Control and Optimization, 2021, 59, 4400-4428.	2.1	7
140	A new approach to Kolmogorov equations in infinite dimensions and applications to stochastic generalized Burgers equations. Comptes Rendus Mathematique, 2004, 338, 945-949.	0.3	6
141	General extinction results for stochastic partial differential equations and applications. Journal of the London Mathematical Society, 2013, 87, 545-560.	1.0	6
142	Time inhomogeneous generalized Mehler semigroups and skew convolution equations. Forum Mathematicum, 2016, 28, 339-376.	0.7	6
143	Total variation flow perturbed by gradient linear multiplicative noise. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2018, 21, 1850003.	0.5	6
144	Optimal Control of Nonlinear Stochastic Differential Equations on Hilbert Spaces. SIAM Journal on Control and Optimization, 2020, 58, 2383-2410.	2.1	6

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145	Euler scheme for density dependent stochastic differential equations. Journal of Differential Equations, 2021, 274, 996-1014.	2.2	6
146	Uniqueness for nonlinear Fokker-Planck equations and weak uniqueness for McKean-Vlasov SDEs. Stochastics and Partial Differential Equations: Analysis and Computations, 2021, 9, 702-713.	0.9	6
147	Linearization of nonlinear Fokker-Planck equations and applications. Journal of Differential Equations, 2022, 322, 1-37.	2.2	6
148	Geometric aspects of finite and infinite-dimensional Fleming-Viot processes. Random Operators and Stochastic Equations, 1997, 5, .	0.1	5
149	Gibbs states on loop lattices: existence and a priori estimates. Comptes Rendus Mathematique, 2001, 333, 1005-1009.	0.5	5
150	On a Relation between Intrinsic and Extrinsic Dirichlet Forms for Interacting Particle Systems. Mathematische Nachrichten, 2001, 222, 141-157.	0.8	5
151	Gibbs states of a quantum crystal: uniqueness by small particle mass. Comptes Rendus Mathematique, 2002, 335, 693-698.	0.3	5
152	CONCENTRATION OF INVARIANT MEASURES FOR STOCHASTIC GENERALIZED POROUS MEDIA EQUATIONS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2007, 10, 397-409.	0.5	5
153	On the Existence of the Dual Right Markov Process and Applications. Potential Analysis, 2015, 42, 617-627.	0.9	5
154	Stochastic porous media equation on general measure spaces with increasing Lipschitz nonlinearities. Stochastic Processes and Their Applications, 2018, 128, 2131-2151.	0.9	5
155	Dirichlet Forms on Infinite Dimensional State Space and Applications. , 1992, , 131-185.		5
156	On the Transition Function of the Infinite Dimensional Ornstein-Uhlenbeck Process Given by the Free Quantum Field. , 1988, , 277-293.		5
157	PHASE TRANSITIONS AND QUANTUM EFFECTS IN ANHARMONIC CRYSTALS. International Journal of Modern Physics B, 2012, 26, 1250063.	2.0	4
158	Stochastic generalized porous media equations with reflection. Stochastic Processes and Their Applications, 2013, 123, 3943-3962.	0.9	4
159	On parabolic inequalities for generators of diffusions with jumps. Probability Theory and Related Fields, 2014, 158, 465-476.	1.8	4
160	Backward uniqueness of stochastic parabolic like equations driven by Gaussian multiplicative noise. Stochastic Processes and Their Applications, 2016, 126, 2163-2179.	0.9	4
161	Uniqueness for a class of stochastic Fokker-Planck and porous media equations. Journal of Evolution Equations, 2017, 17, 1049-1062.	1.1	4
162	On dirichlet forms on topological vector spaces: Existence and maximality. , 1989, , 14-31.		3

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163	On diffusion dynamics for continuous systems with singular superstable interaction. Journal of Mathematical Physics, 2004, 45, 1826-1848.	1.1	3
164	A new approach to Kolmogorov equations in infinite dimensions and applications to the stochastic 2D Navier-Stokes equation. Comptes Rendus Mathematique, 2007, 345, 289-292.	0.3	3
165	STOCHASTIC QUASI-GEOSTROPHIC EQUATION. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2012, 15, 1250001.	0.5	3
166	A note on stochastic semilinear equations and their associated Fokker-Planck equations. Journal of Mathematical Analysis and Applications, 2014, 415, 83-109.	1.0	3
167	Doubly probabilistic representation for the stochastic porous media type equation. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2017, 53, .	1.1	3
168	Convergent numerical approximation of the stochastic total variation flow. Stochastics and Partial Differential Equations: Analysis and Computations, 2021, 9, 437-471.	0.9	3
169	Conservative stochastic two-dimensional Cahn-Hilliard equation. Annals of Applied Probability, 2021, 31, .	1.3	3
170	A natural extension of Markov processes and applications to singular SDEs. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2020, 56, .	1.1	3
171	Selfadjoint harmonic spaces and Dirichlet forms. Hiroshima Mathematical Journal, 1984, 14, .	0.3	3
172	Fluctuations and Their Glauber Dynamics in Lattice Systems. Journal of Functional Analysis, 1999, 166, 148-167.	1.4	2
173	Stochastic Dynamics of Compact Spins: Ergodicity and Irreducibility. Acta Applicandae Mathematicae, 2000, 63, 27-40.	1.0	2
174	Euclidean Gibbs Measures of Quantum Crystals: Existence, Uniqueness and a Priori Estimates. , 2005, , 29-54.		2
175	Functional Inequalities for Particle Systems on Polish Spaces. Potential Analysis, 2006, 24, 223-243.	0.9	2
176	Kusuoka-Stroock Formula on Configuration Space and Regularities of Local Times with Jumps. Potential Analysis, 2007, 26, 363-396.	0.9	2
177	A homeomorphism relating path spaces of stochastic processes with values in \hat{S}^1 respectively $(S^1)^{\supseteq \hat{S}^1}$. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2014, 17, 1450002.	0.5	2
178	A splitting algorithm for stochastic partial differential equations driven by linear multiplicative noise. Stochastics and Partial Differential Equations: Analysis and Computations, 2017, 5, 457-471.	0.9	2
179	Heat kernel estimates for an operator with a singular drift and isoperimetric inequalities. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 1-31.	0.9	2
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