

Списък на всички цитирания

на проф. дн Младен Светославов Савов за участие в конкурс за член-кореспондент по чл.3 ал.3
от „Правилник за избиране на академици (действителни членове) и член-кореспонденти (дописни членове) на БАН“

Общият брой цитирания е 360, от които 241 са в рецензирани статии, 68 са в книги и дисертации в чужбина и 51 - в статии в архив. От 241 цитирания в рецензирани статии 221 са в статии с импакт фактор.

Индексът на Хирш на статиите, без да се включват цитати от архива, е $h=10$.

1. Savov, M., *Curve crossing for the reflected Lévy process at zero and infinity*, ELECTRONIC JOURNAL OF PROBABILITY, 2008, Volume: 13, Pages: 157–172, DOI: 10.1214/EJP.v13-483, Published: JAN 2008, eISSN: 1083-6489, IF (1.131 - 2008), Quartile: Q2 (36/92 Statistics and Probability, JCR-WoS), [hyperlink](#)

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- (1) Fan, Y A *study in lightly trimmed Lévy processes*, PhD thesis, Australian National University, 2015, [hyperlink](#)

2. Savov, M. *Small time two-sided LIL behaviour for Levy processes at zero*, PROBABILITY THEORY AND RELATED FIELDS, 2009, Volume: 144, Pages: 79–98, DOI: 10.1007/s00440-008-0142-1, Published: MAR 2008, ISSN: 0178-8051, eISSN: 1432-2064, IF (1.373 - 2009), Quartile: Q2 (29/100 Statistics and Probability, JCR-WoS), [hyperlink](#)

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- (1) Maller, R. A. *Small-time versions of Strassen's law for Lévy processes*, PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY, 2009, Volume: 98, Pages: 531–558, DOI: 10.1112/plms/pdn041, Published: OCT 2008, ISSN: 1460-244X, IF (1.049 - 2009), [hyperlink](#)

- (2) Buchmann, B. and Maller, R. A. *The small-time Chung-Wichura law for Lévy processes with non-vanishing Brownian component*, PROBABILITY THEORY AND RELATED FIELDS, 2011, Volume: 149, Pages: 303–330, DOI: 10.1007/s00440-009-0255-1, Published: DEC 2009, ISSN: 0178-8051, eISSN: 1432-2064, IF (1.533 - 2011), [hyperlink](#)

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- (4) Knopova, V. and Schilling, R., *On the small-time behaviour of Lévy -type processes*, 2014, STOCHASTIC PROCESSES AND THEIR APPLICATIONS, Volume: 124, Pages: 2249—2265, DOI: 10.1016/j.spa.2014.02.008, Published: JUN 2014, ISSN: 0304-4149, IF (1.056 - 2014), [hyperlink](#)

- (5) Maller, R., *Strong laws at zero for trimmed Lévy processes*, ELECTRONIC JOURNAL OF PROBABILITY, 2015, Volume: 20, Pages: 1–24, DOI: 10.1214/EJP.v20-3839, Published: AUG 2015, eISSN: 1083-6489, IF (0.852 - 2015), [hyperlink](#)

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- (7) Dimitrova, D., Ignatov, Z. and Kaishev, V., *Ruin and deficit under claim arrivals with the order statistics property*, METHODOLOGY AND COMPUTING IN APPLIED PROBABILITY, 2019, Volume: 21, Pages: 511-530, DOI: 10.1007/s11009-018-9669-5, Published: SEP 2018, ISSN: 1387-5841, eISSN: 1573-7713, IF (0.746 - 2018), [hyperlink](#)

- (8) Einmahl, U., *LIL type behavior of multivariate Lévy processes at zero*, TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY, 2019, Volume: 372, Pages: 6437–6464, DOI: 10.1090/tran/7805, Published: MAR 2019, ISSN: 0002-9947, eISSN: 1088-6850, IF (1.318 - 2018), [hyperlink](#)

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- (1) Fan, Y *A study in lightly trimmed Lévy processes*, PhD thesis, Australian National University, 2015, [hyperlink](#)
- (2) Reker, J *Distributional properties of killed exponential functionals and short-time behaviour of Lévy-driven stochastic differential equations*, PhD thesis, University of Ulm, Germany, 2021, [hyperlink](#)
- (3) Tan, S. *Boundary-crossing probabilities for stochastic processes and their applications*, PhD thesis, University of London, 2019, [hyperlink](#)

3. Doney, R., Maller, R. and Savov, M., *Renewal theorems and stability for the reflected process*, STOCHASTIC PROCESSES AND THEIR APPLICATIONS, 2009, Volume: 119, Pages: 1270–1297, DOI: 10.1016/j.spa.2008.06. Published: APR 2009, ISSN: 0304-4149, IF (1.543 - 2009), Quartile: Q2 (26/100 Statistics and Probability, JCR- WoS), [hyperlink](#)

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- (1) Banerjee, T. and Sharma, V., *Generalized analysis of a distributed energy efficient algorithm for change detection*, IEEE TRANSACTIONS ON WIRELESS COMMUNICATION, 2011, Volume: 10, Pages: 91– 101, DOI: 10.1109/TWC.2010.110510.091177, Published: NOV 2010, ISSN: 1536-1276, eISSN: 1558-2248, IF (2.586 - 2011), [hyperlink](#)
- (2) Vatamidou, E., Adan, I.J.B.F., Vlasiov, M. and Zwart, A.P., *Asymptotic error bounds for truncated buffer approximations of a 2-node tandem queue*, 2016, NINTH INTERNATIONAL CONFERENCE ON MATRIX-ANALYTIC METHODS IN STOCHASTIC MODELS, June 2016, [hyperlink](#)

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- (1) Casati, A. and Tabachnik, S., *The Statistics of the Maximum Drawdown in Financial Time Series*, 2013, IN: Batten JA., Maccay P., Wagner N. (eds) ADVANCES IN FINANCIAL RISK MANAGEMENT, 2013, Pages: 347-363, DOI: 10.1057/9781137025098_15, ISBN: 978-1-349-43874-7, eISBN: 978-1-137-02509-8, [hyperlink](#)
- (2) Vatamidou, E. *Error analysis of structured Markov chains*, PhD thesis, Eindhoven University of Technology, 2015, [hyperlink](#)

4. Doney, R. and Savov, M., *The asymptotic behaviour of densities related to the supremum of a stable process*, ANNALS OF PROBABILITY, 2010, Volume: 38, Pages: 316–326, DOI: doi:10.1214/09-AOP479, Published: JAN 2010, ISSN: 0091-1798, eISSN: 2168-894X, IF (1.470 - 2010), Quartile: Q2 (28/110 Statistics and Probability, JCR- WoS), [hyperlink](#)

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- (1) Yano, K., Yano, Y. and Yor, M., *Penalisation of a stable Lévy process involving its one-sided supremum*, ANNALS DE L'INSTITUT HENRI POINCARÉ, PROBABILITES ET STATISTIQUES, 2010, Volume: 46, Pages: 895–1194, DOI: 10.1214/09-AIHP339, Published: 2010, ISSN: 0246-0203, eISSN: 1778-7017, IF (0.759 - 2010), [hyperlink](#)
- (2) Hubalek, F. and Kuznetsov, A., *A convergent series representation for the density of the supremum of a stable process*, ELECTRONIC COMMUNICATIONS IN PROBABILITY, 2011, Volume: 16, Pages: 84–95, DOI: 10.1214/ECP.v16-1601, Published: 2011, eISSN: 1083-589X, IF (0.527 - 2011), [hyperlink](#)
- (3) Kuznetsov, A., *On extrema of stable processes*, ANNALS OF PROBABILITY, 2011, Volume: 39, Pages: 1027–1060, DOI: 10.1214/10-AOP577, Published: MAR 2011, ISSN: 0091-1798, eISSN: 2168-894X, IF (1.789 - 2011), [hyperlink](#)

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- (6) Wachtel, V., *Local limit theorem for the maximum of asymptotically stable random walks*, PROBABILITY THEORY AND RELATED FIELDS, 2012, Volume: 152, Pages: 407–424, DOI: 10.1007/s00440-010-0326-3, Published: OCT 2010, ISSN: 0178-8051, eISSN: 1432-2064, IF (1.394 - 2012), [hyperlink](#)
- (7) Caravenna, F. and Chaumont, L., *An invariance principle for random walk bridges conditioned to stay positive*, ELECTRONIC JOURNAL OF PROBABILITY, 2013, Volume: 18, Pages: 1–32, DOI: 10.1214/EJP.v18-2362, Published: JUN 2013, eISSN: 1083-6489, IF (0.774 - 2013), [hyperlink](#)
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- (10) Kwasnicki, M., Malecki, J. and Ryznar, M., *First passage times for subordinate Brownian motions*, STOCHASTIC PROCESSES AND THEIR APPLICATIONS, 2013, Volume: 123, Pages: 1820–1850, DOI: 10.1016/j.spa.2013.01.011, Published: JAN 2013, ISSN: 0178-8051, eISSN: 1432-2064, IF (1.046 - 2013), [hyperlink](#)
- (11) Chaumont, L. and Malecki, J., *The asymptotic behaviour of the density of the supremum of Lévy processes*, ANNALS DE L'INSTITUT HENRI POINCARÉ, PROBABILITÉS ET STATISTIQUES, 2016, Volume: 52, Pages: 1178–1195, DOI: 10.1214/15-AIHP674, Published: JUL 2016, ISSN: 0246-0203, eISSN: 1778-7017, IF (1.080 - 2016), [hyperlink](#)
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- (13) Valvedre, L., *On the one-dimensional spectral heat content for stable processes*, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, 2016, Volume: 144, Pages: 11–24, DOI: 10.1016/j.jmaa.2016.03.086, Published: APR 2016, ISSN: 0022-247X, IF (1.064 - 2016), [hyperlink](#)
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- (16) Profeta, C., *On the supremum of products of symmetric stable processes*, ELECTRONIC COMMUNICATIONS IN PROBABILITY, 2018, Volume: 23, Pages: 1–13, DOI: 10.1214/18-ECP193, Published: DEC 2018, eISSN: 1083-589X, IF (0.623 - 2018), [hyperlink](#)
- (17) Kwaśnicki, M., *Fluctuation theory for Lévy processes with completely monotone jumps*, ELECTRONIC JOURNAL OF PROBABILITY, 2019, Volume: 24, Pages: 1–40, DOI: 10.1214/19-EJP300, Published: MAR 2019, eISSN: 1083-6489, IF (0.994 - 2018), [hyperlink](#)

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(20) Casares, J.I.G, Mijatovic, A. and Bravo, G.U. *\mathcal{E} -strong simulation of the convex minorants of stable processes and meanders*. ELECTRONIC JOURNAL OF PROBABILITY, 2020, Volume 25, Pages 1–33, DOI: 10.1214/20-EJP503, Published: AUG 2020, eISSN: 1083-648, IF (0.994 - 2018), [hyperlink](#)

(21) Chaumont, L. and Malecki, J. *Density behaviour related to Lévy processes*. TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY, 2021, Volume 374, Issue 3, Pages 1919–1945, DOI: <https://doi.org/10.1090/tran/8268>, Published: DEC 2020 (online), IF (1.318 - 2018), [hyperlink](#)

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(2) Kühn, J., *Limit theorems for random excursions*, PhD thesis, University of Freiburg, 2013, [hyperlink](#)

(3) Kyprianou, A., *Fluctuations of Lévy processes with applications*, 2014, DOI: 10.1007/978-3-642-37632-0_1, Published: 2014, ISBN: 978-3-642-37631-3, eISBN: 978-3-642-37632-0, [hyperlink](#)

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(5) Wang, J. *Continuous time skip-free Markov process and study of branching process with immigration*, PhD thesis, Cornell University, 2020, [hyperlink](#)

(6) Higa, A.K. *Monte-Carlo simulations for jump processes*, Graduate lectures by invitation, 2021, [hyperlink](#)

5. Doney, R. and Savov, M., *Right inverses of Lévy processes*, ANNALS OF PROBABILITY, 2010, Volume: 38, Pages: 1390–1400, DOI: 10.1214/09-AOP515, Published: JUL 2010, ISSN: 0091-1798, eISSN: 2168-894X, IF (1.470- 2010), Quartile: Q2 (28/110 Statistics and Probability, JCR-WoS), [hyperlink](#)

6. Doering, L. and Savov, M., *An application of renewal theorems to exponential moments of local times*, ELECTRONIC COMMUNICATIONS IN PROBABILITY, 2010, Volume: 38, Pages: 263–269, DOI: 10.1214/ECP.v15- 1558, Published: JUN 2010, eISSN: 1083-589X, IF (0.559 - 2010), Quartile Q4 (88/110 Statistics and Probability, JCR-WoS), [hyperlink](#)

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(2) Carmona, P. and Hu, Y., *The spread of a catalytic branching random walk*, ANNALS DE L'INSTITUT HENRI POINCARÉ, PROBABILITES ET STATISTIQUES, 2014, Volume: 50, Pages: 327–351, DOI: 10.1214/12-AIHP529, Published: MAR 2014, ISSN: 0246-0203, eISSN: 1778-7017, IF (1.059 - 2016), [hyper-link](#)

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(2) Jacob, E., *A Langevin process reflected at a partially elastic boundary:I*, STOCHASTIC PROCESSES AND THEIR APPLICATIONS, 2012, Volume: 122, Pages: 191–216, DOI: 10.1016/j.spa.2011.08.003, Published: JAN 2012, ISSN: 0304-4149, IF (0.953 - 2012), [hyperlink](#)

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(12) Doering, L., Watson, A. and Weissmann, P., *Lévy processes with finite variance conditioned to avoid an interval*, ELECTRONIC JOURNAL OF PROBABILITY, 2019, Volume: 24, Pages: 1–32, DOI: 10.1214/19-EJP306, Published: JUN 2019, eISSN: 1083-6489, IF (0.994 - 2018), [hyperlink](#)

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(1) Maller, R., *Strong laws at zero for trimmed Lévy processes*, ELECTRONIC JOURNAL OF PROBABILITY, 2015, Volume: 20, Pages: 1–24, DOI: 10.1214/EJP.v20-3839, Published: MAY 2015, eISSN: 1083-6489, IF (0.852- 2015), [hyperlink](#)

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9. Savov, M. and Winkel, M., *Right inverses of Lévy processes: the excursion measure in the general case*, ELECTRONIC COMMUNICATIONS IN PROBABILITY, 2010, Volume: 38, Pages: 572–584, DOI: 10.1214/ECP.v15- 1590, Published: DEC 2010, eISSN: 1083-589X, IF (0.559 - 2010), Quartile Q4 (88/110 Statistics and Probability, JCR-WoS), [hyperlink](#)

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ПРИЛОЖЕНИЕ
Писма за приемане на статия номер 34

Копирани са официални писма от електронната поща на кандидата и са приложени тук.

Dear Prof. Patie,

I am pleased to inform you that your article

Spectral expansions of non-self-adjoint generalized Laguerre semigroups
by Pierre Patie and Mladen Savov

has been accepted by the editorial board for publication in
the *Memoirs of the AMS*.

Sincerely,

Alejandro Adem
Editor of *Memoirs of the American Mathematical Society*

Dear Dr. Patie,

My name is Michael Haggett and I am the production editor responsible for *Memoirs*. We have received your files and they have been processed. As you might know, *Memoirs* has a significant backlog of about 2 and a half years. Your memoir is about 29th in my queue, which places it in line for publication in about a year with the September 2021 volume. This might change slightly depending on the page counts and volume, but we typically publish 36-40 numbers per year, so I'm confident of seeing your memoir in publication in the second-half of 2021.

If you have any questions regarding either the status or the production process, please let me know.

Regards,

Michael