

# Salvatore Federico

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/31733/salvatore-federico-publications-by-year.pdf>

**Version:** 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                   |                       |                |                 |
|-------------------|-----------------------|----------------|-----------------|
| 32<br>papers      | 312<br>citations      | 10<br>h-index  | 16<br>g-index   |
| 35<br>ext. papers | 386<br>ext. citations | 1.8<br>avg, IF | 4.03<br>L-index |

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 32 | A dynamic theory of spatial externalities. <i>Games and Economic Behavior</i> , <b>2022</b> , 132, 133-165   | 1.1 | 1         |
| 31 | State Constrained Control Problems in Banach Lattices and Applications. <i>SIAM Journal on Control and Optimization</i> , <b>2021</b> , 59, 4481-4510                              | 1.9 | 2         |
| 30 | Managing spatial linkages and geographic heterogeneity in dynamic models with transboundary pollution. <i>Journal of Mathematical Economics</i> , <b>2021</b> , 98, 102577         | 0.6 | 1         |
| 29 | Taming the spread of an epidemic by lockdown policies. <i>Journal of Mathematical Economics</i> , <b>2021</b> , 93, 102453   | 0.6 | 6         |
| 28 | Singular Control of the Drift of a Brownian System. <i>Applied Mathematics and Optimization</i> , <b>2021</b> , 84, 561-590  | 1.5 | 0         |
| 27 | From firm to global-level pollution control: The case of transboundary pollution. <i>European Journal of Operational Research</i> , <b>2021</b> , 290, 331-345                     | 5.6 | 5         |
| 26 | On a Class of Infinite-Dimensional Singular Stochastic Control Problems. <i>SIAM Journal on Control and Optimization</i> , <b>2021</b> , 59, 1680-1704                             | 1.9 | 0         |
| 25 | C 0 -sequentially equicontinuous semigroups. <i>Kyoto Journal of Mathematics</i> , <b>2020</b> , 60,   | 1.1 | 2         |
| 24 | A Singular Stochastic Control Problem with Interconnected Dynamics. <i>SIAM Journal on Control and Optimization</i> , <b>2020</b> , 58, 2821-2853                                  | 1.9 | 3         |
| 23 | Geographic environmental Kuznets curves: the optimal growth linear-quadratic case. <i>Mathematical Modelling of Natural Phenomena</i> , <b>2019</b> , 14, 105                      | 3   | 2         |
| 22 | Irreversible investment with fixed adjustment costs: a stochastic impulse control approach. <i>Mathematics and Financial Economics</i> , <b>2019</b> , 13, 579-616                 | 1   | 4         |
| 21 | Growth and agglomeration in the heterogeneous space: a generalized AK approach. <i>Journal of Economic Geography</i> , <b>2019</b> , 19, 1287-1318                                 | 3.7 | 18        |
| 20 | Path-dependent equations and viscosity solutions in infinite dimension. <i>Annals of Probability</i> , <b>2018</b> , 46,   | 1.9 | 11        |
| 19 | Verification theorems for stochastic optimal control problems in Hilbert spaces by means of a generalized Dynkin formula. <i>Annals of Applied Probability</i> , <b>2018</b> , 28, | 2   | 2         |
| 18 | Generically distributed investments on flexible projects and endogenous growth. <i>Economic Theory</i> , <b>2017</b> , 63, 521-558   | 1.2 | 3         |
| 17 | IMPACT OF TIME ILLIQUIDITY IN A MIXED MARKET WITHOUT FULL OBSERVATION. <i>Mathematical Finance</i> , <b>2017</b> , 27, 401-437   | 2.3 | 3         |
| 16 | Optimal Boundary Surface for Irreversible Investment with Stochastic Costs. <i>Mathematics of Operations Research</i> , <b>2017</b> , 42, 1135-1161                                | 1.5 | 17        |

|    |  |     |    |
|----|--|-----|----|
| 15 | Mild solutions of semilinear elliptic equations in Hilbert spaces. <i>Journal of Differential Equations</i> , <b>2017</b> , 262, 3343-3389   | 2.1 | 4  |
| 14 | Utility maximization with current utility on the wealth: regularity of solutions to the HJB equation. <i>Finance and Stochastics</i> , <b>2015</b> , 19, 415-448   | 1.9 | 9  |
| 13 | Explicit investment rules with time-to-build and uncertainty. <i>Journal of Economic Dynamics and Control</i> , <b>2015</b> , 51, 240-256  | 1.3 | 10 |
| 12 | Finite-Dimensional Representations for Controlled Diffusions with Delay. <i>Applied Mathematics and Optimization</i> , <b>2015</b> , 71, 165-194   | 1.5 | 4  |
| 11 | Dynamic Programming for Optimal Control Problems with Delays in the Control Variable. <i>SIAM Journal on Control and Optimization</i> , <b>2014</b> , 52, 1203-1236  | 1.9 | 9  |
| 10 | Characterization of the Optimal Boundaries in Reversible Investment Problems. <i>SIAM Journal on Control and Optimization</i> , <b>2014</b> , 52, 2180-2223  | 1.9 | 14 |
| 9  | Income drawdown option with minimum guarantee. <i>European Journal of Operational Research</i> , <b>2014</b> , 234, 610-624  | 5.6 | 15 |
| 8  | Viscosity Characterization of the Value Function of an Investment-Consumption Problem in Presence of an Illiquid Asset. <i>Journal of Optimization Theory and Applications</i> , <b>2014</b> , 160, 966-991              | 1.6 | 7  |
| 7  | HJB Equations for the Optimal Control of Differential Equations with Delays and State Constraints, II: Verification and Optimal Feedbacks. <i>SIAM Journal on Control and Optimization</i> , <b>2011</b> , 49, 2378-2414 | 1.9 | 15 |
| 6  | Optimal Stopping of Stochastic Differential Equations with Delay Driven by Lévy Noise. <i>Potential Analysis</i> , <b>2011</b> , 34, 181-198   | 0.8 | 12 |
| 5  | Pension funds with a minimum guarantee: a stochastic control approach. <i>Finance and Stochastics</i> , <b>2011</b> , 15, 297-342  | 1.9 | 49 |
| 4  | A stochastic control problem with delay arising in a pension fund model. <i>Finance and Stochastics</i> , <b>2011</b> , 15, 421-459  | 1.9 | 49 |
| 3  | Constrained Portfolio Choices in the Decumulation Phase of a Pension Plan. <i>SSRN Electronic Journal</i> , <b>2010</b> ,  | 1   | 3  |
| 2  | HJB Equations for the Optimal Control of Differential Equations with Delays and State Constraints, I: Regularity of Viscosity Solutions. <i>SIAM Journal on Control and Optimization</i> , <b>2010</b> , 48, 4910-4937   | 1.9 | 26 |
| 1  | A pension fund in the accumulation phase: a stochastic control approach  |     | 5  |