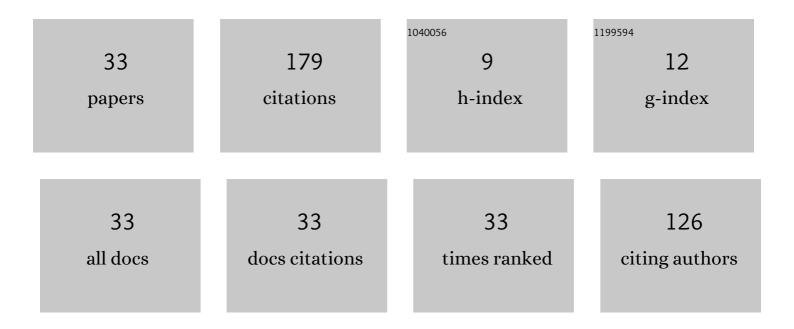
## Pedro Gajardo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pareto Fronts of the Set of Sustainable Thresholds for Constrained Control Systems. Applied Mathematics and Optimization, 2021, 83, 1103-1121.	1.6	2
2	Modelling cost-effectiveness of syphilis detection strategies in prisoners: exploratory exercise in a Chilean male prison. Cost Effectiveness and Resource Allocation, 2021, 19, 5.	1.5	2
3	Assessment of event-triggered policies of nonpharmaceutical interventions based on epidemiological indicators. Journal of Mathematical Biology, 2021, 83, 42.	1.9	3
4	Cross-nonnegativity and monotonicity analysis of nonlinear dynamical systems. Journal of Differential Equations, 2021, 300, 33-52.	2.2	1
5	Sustainability standards, multicriteria maximin, and viability. Natural Resource Modelling, 2020, 33, .	2.0	6
6	Comparison theorem for viability kernels via conic preorders. Systems and Control Letters, 2020, 145, 104799.	2.3	0
7	The viability kernel of dynamical systems with mixed constraints: AÂlevel-set approach. Systems and Control Letters, 2019, 127, 6-12.	2.3	4
8	On the steady state optimization of the biogas production in a two-stage anaerobic digestion model. Journal of Mathematical Biology, 2019, 78, 1067-1087.	1.9	16
9	Comparison of performance in an anaerobic digestion process: one-reactor vs two-reactor configurations. Mathematical Biosciences and Engineering, 2019, 16, 2447-2465.	1.9	5
10	Analysis of an Optimal Control Problem Related to the Anaerobic Digestion Process. Journal of Optimization Theory and Applications, 2018, 178, 627-659.	1.5	10
11	Methods for the Sustainable Rebuilding of Overexploited Natural Resources. Environmental Modeling and Assessment, 2018, 23, 713-727.	2.2	4
12	Sustainable thresholds for cooperative epidemiological models. Mathematical Biosciences, 2018, 302, 9-18.	1.9	11
13	Monotonicity beyond Minty and Kato on locally convex spaces. Journal of Mathematical Analysis and Applications, 2016, 435, 1701-1709.	1.0	0
14	Equilibrium problems involving the Lorentz cone. Journal of Global Optimization, 2014, 58, 321-340.	1.8	10
15	Optimality of affine control system of several species in competition on a sequential batch reactor. International Journal of Control, 2014, 87, 1877-1885.	1.9	4
16	Tools for improving feeding strategies in a SBR with several species. Bioprocess and Biosystems Engineering, 2014, 37, 63-70.	3.4	0
17	Optimal Synthesis for the Minimum Time Control Problems of Fed-Batch Bioprocesses for Growth Functions with Two Maxima. Journal of Optimization Theory and Applications, 2013, 158, 521-553.	1.5	16
18	Solving inverse cone-constrained eigenvalue problems. Numerische Mathematik, 2013, 123, 309-331.	1.9	6

IF # ARTICLE CITATIONS Existence of Minimizers on Drops. SIAM Journal on Optimization, 2013, 23, 1154-1166. Minimal time control of fed-batch bioreactor with product inhibition., 2012, , . 20 1 On optimal strategies for feeding in minimal time a SBR with several species., 2012, , . Reconstructing a matrix from a partial sampling ofÂPareto eigenvalues. Computational Optimization 22 1.6 4 and Applications, 2012, 51, 1119-1135. HARVESTING ECONOMIC MODELS AND CATCHâ€TOâ€BIOMASS DEPENDENCE: THE CASE OF SMALL PELAGIC FISH, O Natural Resource Modelling, 2011, 24, 268-296. 24 Minimal time bioremediation of natural water resources. Automatica, 2011, 47, 1764-1769. 5.0 9 Viable states for monotone harvest models. Systems and Control Letters, 2011, 60, 192-197. 2.3 Various Lipschitz-like Properties for Functions and Sets I: Directional Derivative and Tangential 26 2.0 11 Characterizations. SIAM Journal on Optimization, 2010, 20, 1766-1785. Links between directional derivatives through multidirectional mean value inequalities. Mathematical 2.4 Programming, 2009, 116, 57-77. Subdifferential representation formula and subdifferential criteria for the behavior of nonsmooth 28 1.1 9 functions. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 864-891. Higher-order spectral analysis and weak asymptotic stability of convex processes. Journal of Mathematical Analysis and Applications, 2006, 318, 155-174. Eigenvalues of Set-Valued Operators in Banach Spaces. Set-Valued and Variational Analysis, 2005, 13, 30 0.5 10 1-19. Epsilon-Eigenvalues of Multivalued Operators. Set-Valued and Variational Analysis, 2003, 11, 273-296. Optimal Control of Diseases in Prison Populations through Screening Policies of New Inmates. SIAM 32 2.10 Journal on Control and Optimization, 0, , S1-S26. On the set of robust sustainable thresholds. Natural Resource Modelling, 0, , e12334.

PEDRO GAJARDO