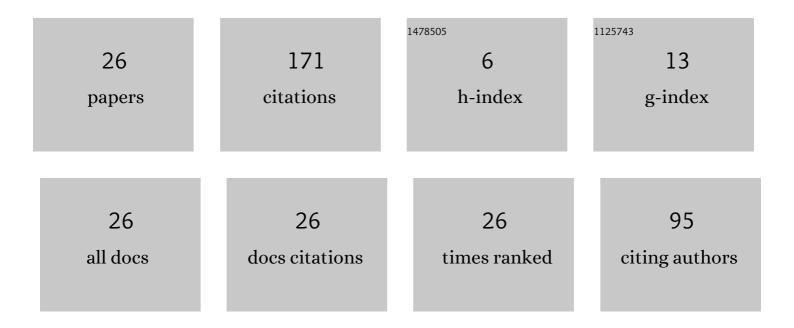
StanisÅ,aw Walczak

List of Publications by Year in descending order

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STANIS ANN MALCZAK

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Application of 2D systems to investigation of a process of gas filtration. Multidimensional Systems and Signal Processing, 2012, 23, 119-130. | 2.6 | 45 |
| 2 | Fractional Sobolev Spaces via Riemann-Liouville Derivatives. Journal of Function Spaces and Applications, 2013, 2013, 1-15. | 0.5 | 25 |
| 3 | On the Diffeomorphisms Between Banach and Hilbert Spaces. Advanced Nonlinear Studies, 2012, 12, 89-100. | 1.7 | 24 |
| 4 | On the existence of a solution for some distributed optimal control hyperbolic system. International Journal of Mathematics and Mathematical Sciences, 2000, 23, 297-311. | 0.7 | 13 |
| 5 | On a linear-quadratic problem with Caputo derivative. Opuscula Mathematica, 2016, 36, 49. | 0.8 | 11 |
| 6 | A fractional imbedding theorem. Fractional Calculus and Applied Analysis, 2012, 15, . | 2.2 | 8 |
| 7 | On the Lusternik theorem for nonsmooth operators. Nonlinear Analysis: Theory, Methods & Applications, 1994, 22, 121-128. | 1.1 | 6 |
| 8 | Compactness of fractional imbeddings. , 2012, , . | | 5 |
| 9 | On some properties of Goursat–Darboux systems with distributed and boundary controls. International Journal of Control, 2004, 77, 837-846. | 1.9 | 4 |
| 10 | Sensitivity of a Fractional Integrodifferential Cauchy Problem of Volterra Type. Abstract and Applied Analysis, 2013, 2013, 1-8. | 0.7 | 4 |
| 11 | Application of a global implicit function theorem to a general fractional integro-differential system of Volterra type. Journal of Integral Equations and Applications, 2015, 27, . | 0.6 | 4 |
| 12 | Linear-quadratic optimal control problem of second order with infinite time horizon. , 2007, , . | | 3 |
| 13 | An Extremum Principle for Smooth Problems. Games, 2020, 11, 56. | 0.6 | 3 |
| 14 | Existence of optimal control for an integroâ€differential Bolza problem. Optimal Control Applications and Methods, 2020, 41, 1604-1615. | 2.1 | 3 |
| 15 | Systems described by Volterra type integral operators. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 2401-2416. | 0.9 | 3 |
| 16 | Necessary optimality conditions for an integro-differential Bolza problem via Dubovitskii-Milyutin method. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 2281-2292. | 0.9 | 3 |
| 17 | Controllability of one-dimensional and two-dimensional systems. , 2007, , . | | 2 |
| 18 | On Controllability of Nonlinear Systems Described by Ordinary Differential Equations. , 0, , 287-294. | | 2 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimization of a fractional Mayer problem - existence of solutions, maximum principle, gradient methods. Opuscula Mathematica, 2014, 34, 763. | 0.8 | 2 |
| 20 | Lagrange problem for fractional ordinary elliptic system via Dubovitskii–Milyutin method. Nonlinear Analysis: Modelling and Control, 2020, 25, . | 1.6 | 1 |
| 21 | Hamiltonian systems with controls. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2429-2438. | 1.1 | Ο |
| 22 | On some nonlinear second order control systems. , 2009, , . | | 0 |
| 23 | An Asymptotical Stability in Variational Sense for Second Order Systems. Advanced Nonlinear Studies, 2010, 10, 161-174. | 1.7 | Ο |
| 24 | On diffeomorphisms defined by some 2D nonlinear operators and their application to stability and sensitivity analysis. , 2015, , . | | 0 |
| 25 | Existence of optimal solutions to Lagrange problems for Roesser type systems of the first and fractional orders. Applied Mathematics and Computation, 2015, 266, 809-819. | 2.2 | 0 |
| 26 | On 2D integro-differential systems. Stability and sensitivity analysis. Multidimensional Systems and Signal Processing, 2017, 28, 1679-1695. | 2.6 | 0 |