# DuÅjan D RepovÅ ${ }_{i}$ 

## List of Publications by Year in descending order

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The Nehari manifold approach for singular equations involving the $p(<i>x</ i>)$-Laplace operator.
Complex Variables and Elliptic Equations, 2023, 68, 135-149.

On nonlocal Dirichlet problems with oscillating term. Discrete and Continuous Dynamical Systems Series S, 2023, 16, 1401-1413.

Existence and multiplicity of solutions involving the $\$ p(x)$-Laplacian equations: On the effect of
two nonlocal terms. Discrete and Continuous Dynamical Systems - Series S, 2023, 16, 1452-1467.

4 Anisotropic Singular Neumann Equations with Unbalanced Growth. Potential Analysis, 2022, 57, 55-82.
$0.4 \quad 4$

On a new fractional Sobolev space with variable exponent on complete manifolds. Boundary Value
Problems, 2022, 2022, .
0.38
$6 \quad$ On Nonlinear Biharmonic Problems on the Heisenberg Group. Symmetry, 2022, 14, 705.
$1.1 \quad 2$

7 On critical variable-order Kirchhoff type problems with variable singular exponent. Journal of
$7 \quad$ Mathematical Analysis and Applications, 2022, 514, 126264.
$0.5 \quad 15$
. Nonlocal p-Kirchhoff equations with singular and critical nonlinearity terms. Asymptotic Analysis,
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2022, , 1-19.

Qualitative Properties of Space-Dependent SIR Models with Constant Delay and Their Numerical
Solutions. Computational Methods in Applied Mathematics, 2022, 22, 713-728.

Degenerate Fractional Kirchhoff-Type System with Magnetic Fields and Upper Critical Growth.
Mediterranean Journal of Mathematics, 2022, 19, .

11 On a class of Kirchhoff problems via local mountain pass. Asymptotic Analysis, 2021, 126, 1-43.
0.20

Robin double-phase problems with singular and superlinear terms. Nonlinear Analysis: Real World
Applications, 2021, 58, 103217.
0.9

Nodal solutions for double phase Kirchhoff problems with vanishing potentials. Asymptotic Analysis,
2021, 124, 371-396.

Multiplicity and concentration results for a (p,Âq)-Laplacian problem in \$\$ mathbb \{R\}\}^\{N\}\$\$.
Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.
0.7

Existence Results for Integro-Differential Equations with Reflection. Numerical Functional Analysis
and Optimization, 2021, 42, 919-934.
0.6

Anisotropic (p, q)-equations with gradient dependent reaction. Nonlinearity, 2021, 34, 5319-5343.
0.6

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17 On weak solutions for fourthâ€order problems involving the Lerayấ E"Lions type operators. Mathematical $^{\prime}$
Methods in the Applied Sciences, 2021, 44, 13060-13068.
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Nonvariational and singular double phase problems for the Baouendi-Grushin operator. Journal of
Differential Equations, 2021, 303, 645-666.

| 19 | New class of sixth-order nonhomogeneous<i>p<\|i>(<i>x</i>)-Kirchhoff problems with sign-changing weight functions. Advances in Nonlinear Analysis, 2021, 10, 1117-1131. | 1.3 | 10 |
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| 20 | The behavior of solutions of a parametric weighted \$ ( $p, q$ ) \$-Laplacian equation. AIMS Mathematics, 2021, 7, 499-517. | 0.7 | 2 |
| 21 | Elliptic problem driven by different types of nonlinearities. Boundary Value Problems, 2021, 2021, | 0.3 | 2 |
| 22 | Nonlinear, Nonhomogeneous Robin Problems with Indefinite Potential and General Reaction. Applied Mathematics and Optimization, 2020, 81, 823-857. | 0.8 | 4 |
| 23 | Multiple solutions of double phase variational problems with variable exponent. Advances in Calculus of Variations, 2020, 13, 385-401. | 0.7 | 45 |
| 24 | Gradient-Type Systems on Unbounded Domains of the Heisenberg Group. Journal of Geometric Analysis, 2020, 30, 1724-1754. | 0.5 | 7 |
| 25 | Nonlinear Nonhomogeneous Robin Problems with Almost Critical and Partially Concave Reaction. Journal of Geometric Analysis, 2020, 30, 1774-1803. | 0.5 | 3 |
| 26 | Existence and multiplicity results for a new <mml:math <br> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="dle22" <br> altimg="sil3.svg">[mml:mrow](mml:mrow)[mml:mi](mml:mi)p</mml:mi>[mml:mrow](mml:mrow)[mml:mo](mml:mo)(</mml:mo>[mml:mi](mml:mi)x</m <br> problem. Nonlinear Analysis: Theory, Methods \& Applications, 2020, 190, 111598. |  |  |
| 27 | Ground state and nodal solutions for a class of double phase problems. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1. | 0.7 | 36 |

29 Nonlinear nonhomogeneous singular problems. Calculus of Variations and Partial Differential
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Positive solutions for nonlinear Neumann problems with singular terms and convection. Journal Des
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Relaxation methods for optimal control problems. Bulletin of Mathematical Sciences, 2020, 10,
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Existence of solutions for systems arising in electromagnetism. Journal of Mathematical Analysis and
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40 Anisotropic equations with indefinite potential and competing nonlinearities. Nonlinear Analysis:
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Multiplicity of solutions for a class of fractional \$p(x,cdot )\$-Kirchhoff-type problems without the44 Existens manifolds. Communications in Analysis and
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45 On existence of Pl-exponents of unital algebras. Electronic Research Archive, 2020, 28, 853-859.
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Positive solutions for a class of singular Dirichlet problems. Journal of Differential Equations, 2019,
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Nonlinear singular problems with indefinite potential term. Analysis and Mathematical Physics, 2019,
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Combinatorics on Binary Words and Codimensions of Identities in Left Nilpotent Algebras. Algebra
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Partial Order, Fixed Point Theory, Variational Principles. Springer Monographs in Mathematics, 2019, , 263-360.

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63 Identities on Algebras and Combinatorial Properties of Binary Words. Doklady Mathematics, 2019, 100,
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Nonlinear Dirichlet problems with unilateral growth on the reaction. Forum Mathematicum, 2019, 31,
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65 Existence and multiplicity of solutions for fractional SchrÃَdingerâ€ "Kirchhoff equations with $\quad$ Trudingerâ€"Moser nonlinearity. Nonlinear Analysis: Theory, Methods \& Applications, 2019, 186, 74-98.
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66 Nonlinear Nonhomogeneous Boundary Value Problems with Competition Phenomena. Applied
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Nonlinear equations involving the square root of the Laplacian. Discrete and Continuous Dynamical
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Periodic solutions for implicit evolution inclusions. Evolution Equations and Control Theory, 2019, 8, 621-631.

Infinitely many symmetric solutions for anisotropic problems driven by nonhomogeneous operators.
$69 \quad$ Infinitely many symmetric solutions for anisotropic problems driven by nont Discrete and Continuous Dynamical Systems - Series S, 2019, 12, 401-411.
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Periodic solutions for a class of evolution inclusions. Computers and Mathematics With
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76 On the fractional SchrÃ $\mp$ dingerâ $€$ "Kirchhoff equations with electromagnetic fields and critical
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78 Nonlinear Elliptic Inclusions with Unilateral Constraint and Dependence on the Gradient. Applied

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79 Existence and nonexistence of solutions for $\mathrm{p}(\mathrm{x})$-curl systems arising in electromagnetism. Complex ..... 0.4
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Positive solutions for superdiffusive mixed problems. Applied Mathematics Letters, 2018, 77, 87-93.
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Positive solutions for nonlinear nonhomogeneous parametric Robin problems. Forum Mathematicum, 2018, 30, 553-580.
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83 (<i>p</i>,2)-equations asymmetric at both zero and infinity. Advances in Nonlinear Analysis, 2018, 7,

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Nodal solutions for nonlinear nonhomogeneous Robin problems. Atti Della Accademia Nazionale Dei
84 Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni,
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85 Double-phase problems with reaction of arbitrary growth. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.
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86 Positive solutions for nonvariational RobinÂproblems. Asymptotic Analysis, 2018, 108, 243-255.
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Scientiarum Fennicae Mathematica, 2018, 43, 483-508.
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Multiple solutions for resonant problems of the Robin p-Laplacian plus an indefinite potential.
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101 Nonhomogeneous Hemivariational Inequalities with Indefinite Potential and Robin BoundaryCondition. Journal of Optimization Theory and Applications, 2017, 175, 293-323.
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103 Multiple solutions of nonlinear equations involving the square root of the Laplacian. Applicable
Analysis, 2017, 96, 1483-1496.0.63Nonlinear elliptic equations on Carnot groups. Revista De La Real Academia De Ciencias Exactas, FisicasY Naturales - Serie A: Matematicas, 2017, 111, 707-718.

| 109 | Resonant semilinear Robin problems with a general potential. Electronic Journal of Qualitative Theory of Differential Equations, 2017, , 1-15. | 0.2 | 1 |
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| 110 | Robin problems with indefinite linear part and competition phenomena. Communications on Pure and Applied Analysis, 2017, 16, 1293-1314. | 0.4 | 12 |
| 111 | Positive solutions for perturbations of the Robin eigenvalue problem plus an indefinite potential. Discrete and Continuous Dynamical Systems, 2017, 37, 2589-2618. | 0.5 | 68 |
| 112 | Classifying homogeneous cellular ordinal balleans up to coarse equivalence. Colloquium Mathematicum, 2017, 149, 211-224. | 0.2 | 4 |
| 113 | ON GEHRINGâ€"MARTINâ€"TAN GROUPS WITH AN ELLIPTIC GENERATOR. Bulletin of the Australian Mathematical Society, 2016, 94, 326-336. | 0.3 | 2 |
| 114 | Nontrivial solutions of superlinear nonlocal problems. Forum Mathematicum, 2016, 28, 1095-1110. | 0.3 | 12 |
| 115 | Existence and symmetry of solutions for critical fractional SchrÃๆdinger equations with bounded potentials. Nonlinear Analysis: Theory, Methods \& Applications, 2016, 142, 48-68. | 0.6 | 69 |
| 116 | On a<mml:math xmlns:mml="http:/\|www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline overflow="scroll">[mml:mi](mml:mi)p</mml:mi>[mml:mrow](mml:mrow)[mml:mo](mml:mo)(</mml:mo>[mml:mo](mml:mo)â,...</mml:mo problem with no-flux boundary condition. Computers and Mathematics With Applications, 2016, 72, 2505-2515. |  |  |
| 117 | Nonlocal Kirchhoff Superlinear Equations with Indefinite Nonlinearity and Lack of Compactness. International Journal of Nonlinear Sciences and Numerical Simulation, 2016, 17, 325-332. | 0.4 | 4 |

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133 On Nerves of Fine Coverings of Acyclic Spaces. Mediterranean Journal of Mathematics, 2015, 12, 205-217. ..... 0.4 ..... 1
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135 Lebesgue and Sobolev Spaces with Variable Exponents. , 2015, , 25-44. ..... 139 ..... 39
134 overflow="scroll">[mml:mi](mml:mi)b</mml:mi><mml:mo stretchy="false">(<|mml:mo>[mml:mn](mml:mn)2<|mml:mn><mml:mo stretchy="false">)<|mml:mo><|mml:math>.
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Controlled homotopy equivalences and structure sets of manifolds. Proceedings of the AmericanMathematical Society, 2014, 142, 3987-3999.139 On minimal PoincarÃ@ \$4\$-complexes. Turkish Journal of Mathematics, 2014, 38, 535-557.0.34
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149 Productively LindelĨđf spaces and the covering property of Hurewicz. Topology and Its Applications, 2014, 169, 16-20.$0.2 \quad 3$
150 Existence of solutions for p-Laplacian discrete equations. Applied Mathematics and Computation, 2014, 242, 454-461. ..... 1.4 ..... 29
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| 164 | On generalized 3-manifolds which are not homologically locally connected. Topology and Its Applications, 2013, 160, 445-449. | 0.2 | 0 |
| 165 | S 1-Bott functions on manifolds. Ukrainian Mathematical Journal, 2013, 64, 1903-1918. | 0.1 | 2 |
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| 170 | On identities of infinite dimensional Lie superalgebras. Proceedings of the American Mathematical Society, 2013, 141, 4139-4153. | 0.4 | 0 |
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| 173 | On the Menger covering property and \$D\$-spaces. Proceedings of the American Mathematical Society, 2012, 140, 1069-1074. | 0.4 | 13 |
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| 180 | On the SchrÃๆdingerâ€"Maxwell system involving sublinear terms. Nonlinear Analysis: Real World Applications, 2012, 13, 213-223. | 0.9 | 23 |

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