

Luminita David

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,195
citations

430874

18
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377865

34
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all docs

35
docs citations

35
times ranked

1861
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Green synthesis, characterization and anti-inflammatory activity of silver nanoparticles using European black elderberry fruits extract. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 767-777. | 5.0 | 176 |
| 2 | Green Synthesis of Biogenic Silver Nanoparticles for Efficient Catalytic Removal of Harmful Organic Dyes. <i>Nanomaterials</i> , 2020, 10, 202. | 4.1 | 122 |
| 3 | A green approach to phytomediated synthesis of silver nanoparticles using <i>Sambucus nigra</i> L. fruits extract and their antioxidant activity. <i>Journal of Molecular Liquids</i> , 2016, 221, 271-278. | 4.9 | 110 |
| 4 | In vitro and in vivo anti-inflammatory properties of green synthesized silver nanoparticles using <i>Viburnum opulus</i> L. fruits extract. <i>Materials Science and Engineering C</i> , 2017, 79, 720-727. | 7.3 | 80 |
| 5 | Antioxidant activity of Cornelian cherry (<i>Cornus mas</i> L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects. <i>Journal of Functional Foods</i> , 2016, 26, 77-87. | 3.4 | 75 |
| 6 | UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 26-37. | 3.8 | 68 |
| 7 | Degradation Kinetics of Anthocyanins from European Cranberrybush (<i>Viburnum opulus</i> L.) Fruit Extracts. Effects of Temperature, pH and Storage Solvent. <i>Molecules</i> , 2012, 17, 11655-11666. | 3.8 | 67 |
| 8 | The effect of <i>Sambucus nigra</i> L. extract and phytosynthesized gold nanoparticles on diabetic rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 192-200. | 5.0 | 65 |
| 9 | Effects of In Vitro Gastrointestinal Digestion on the Antioxidant Capacity and Anthocyanin Content of Cornelian Cherry Fruit Extract. <i>Antioxidants</i> , 2019, 8, 114. | 5.1 | 53 |
| 10 | Biosynthesis of Silver Nanoparticles Using <i>Ligustrum Ovalifolium</i> Fruits and Their Cytotoxic Effects. <i>Nanomaterials</i> , 2018, 8, 627. | 4.1 | 37 |
| 11 | Influence of Temperature and Preserving Agents on the Stability of Cornelian Cherries Anthocyanins. <i>Molecules</i> , 2014, 19, 8177-8188. | 3.8 | 34 |
| 12 | Hepatoprotective effects of silymarin coated gold nanoparticles in experimental cholestasis. <i>Materials Science and Engineering C</i> , 2020, 115, 111117. | 7.3 | 34 |
| 13 | The effects of silver nanoparticles on behavior, apoptosis and nitro-oxidative stress in offspring Wistar rats. <i>Nanomedicine</i> , 2017, 12, 1455-1473. | 3.3 | 29 |
| 14 | Modulatory effects of <i>Cornus sanguinea</i> L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NFκB/pNFκB expressions in experimental inflammation in Wistar rats. <i>Materials Science and Engineering C</i> , 2020, 110, 110709. | 7.3 | 29 |
| 15 | New nanomaterials for the improvement of psoriatic lesions. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3152. | 5.8 | 26 |
| 16 | Effects of silver and gold nanoparticles phytosynthesized with <i>Cornus mas</i> extract on oral dysplastic human cells. <i>Nanomedicine</i> , 2020, 15, 55-75. | 3.3 | 25 |
| 17 | Effects of silver nanoparticles functionalized with <i>Cornus mas</i> L. extract on architecture and apoptosis in rat testicle. <i>Nanomedicine</i> , 2019, 14, 275-299. | 3.3 | 24 |
| 18 | Comparative evaluation by scanning confocal Raman spectroscopy and transmission electron microscopy of therapeutic effects of noble metal nanoparticles in experimental acute inflammation. <i>RSC Advances</i> , 2015, 5, 67435-67448. | 3.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Gold Nanoparticles Synthesized with a Polyphenols-Rich Extract from Cornelian Cherry (<i>Cornus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock | 2.7 | 16 |
| 20 | Biosynthesis of silver nanoparticles using Sambucus nigra L. fruit extract for targeting cell death in oral dysplastic cells. Materials Science and Engineering C, 2021, 123, 111974. | 7.3 | 16 |
| 21 | The impact of silver nanoparticles phytosynthesized with Viburnum opulus L. extract on the ultrastructure and cell death in the testis of offspring rats. Food and Chemical Toxicology, 2021, 150, 112053. | 3.6 | 13 |
| 22 | Influence of Different Sweeteners on the Stability of Anthocyanins from Cornelian Cherry Juice. Foods, 2020, 9, 1266. | 4.3 | 12 |
| 23 | Total phenolics, anthocyanins, antioxidant and pro-oxidant activity of some red fruits teas. Acta Chimica Slovenica, 2016, 63, 213-219. | 0.6 | 12 |
| 24 | Neurobehavioral and Ultrastructural Changes Induced by Phytosynthesized Silver-Nanoparticle Toxicity in an In Vivo Rat Model. Nanomaterials, 2022, 12, 58. | 4.1 | 9 |
| 25 | Study of the Antioxidant Property Variation of Cornelian Cherry Fruits during Storage Using HPTLC and Spectrophotometric Assays. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-5. | 1.6 | 7 |
| 26 | EVALUATION AND AUTHENTICATION OF RED FRUITS TEAS BY HIGH PERFORMANCE THIN-LAYER CHROMATOGRAPHIC FINGERPRINTING. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1644-1653. | 1.0 | 6 |
| 27 | Bioactive Flavonoids from Cornus mas L. Fruits. Mini-Reviews in Organic Chemistry, 2017, 14, . | 1.3 | 6 |
| 28 | Effects of Gold Nanoparticles Functionalized with Bioactive Compounds from Cornus mas Fruit on Aorta Ultrastructural and Biochemical Changes in Rats on a Hyperlipid Dietâ€”A Preliminary Study. Antioxidants, 2022, 11, 1343. | 5.1 | 5 |
| 29 | The in vivo modulatory effects of Cornus mas extract on photodynamic therapy in experimental tumors. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101656. | 2.6 | 4 |
| 30 | â€œGelÃnderâ€•macrocycles: Synthesis, chirality and racemisation barriers. Tetrahedron Letters, 2019, 60, 335-340. | 1.4 | 3 |
| 31 | Impact of Thermal Treatment on the Antioxidant Activity of Cornelian Cherries Extract. Studia Universitatis Babeș-Bolyai Chemia, 2017, 62, 311-317. | 0.2 | 3 |
| 32 | <i>Viburnum opulus</i> fruit extract-capped gold nanoparticles attenuated oxidative stress and acute inflammation in carrageenan-induced paw edema model. Green Chemistry Letters and Reviews, 2022, 15, 320-336. | 4.7 | 3 |
| 33 | Synthesis, Stereochemistry and Ring-Chain Tautomerism of Some New Bis(1,3-perhydrooxazin-2-yl)benzene Derivatives. Letters in Organic Chemistry, 2011, 8, 16-21. | 0.5 | 2 |
| 34 | Effect of some antioxidant food additives on the degradation of cornelian cherry anthocyanins. Studia Universitatis Babeș-Bolyai Chemia, 2020, 65, 83-92. | 0.2 | 1 |
| 35 | "Degradation kinetics of anthocyanins during heat treatment of wild blackthorn (Prunus spinosa L.) fruits extract ". Studia Universitatis Babeș-Bolyai Chemia, 2019, 64, 401-410. | 0.2 | 1 |