

# Ignacio EncÃ- o

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

2,289  
citations

218677

26  
h-index

243625

44  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2671  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Antidiabetic Effects of <i>Pediococcus acidilactici</i> pA1c on HFD-Induced Mice. <i>Nutrients</i> , 2022, 14, 692.   | 4.1 | 15        |
| 2  | PD-L1 as a Prognostic Factor in Early-Stage Colon Carcinoma within the Immunohistochemical Molecular Subtype Classification. <i>Cancers</i> , 2021, 13, 1943.   | 3.7 | 13        |
| 3  | New Amides and Phosphoramidates Containing Selenium: Studies on Their Cytotoxicity and Antioxidant Activities in Breast Cancer. <i>Antioxidants</i> , 2021, 10, 590.  | 5.1 | 5         |
| 4  | Microencapsulated <i>Bifidobacterium bifidum</i> and <i>Lactobacillus gasseri</i> in Combination with Quercetin Inhibit Colorectal Cancer Development in <i>ApcMin/+</i> Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4906. | 4.1 | 24        |
| 5  | Novel N,N-Disubstituted Selenoureas as Potential Antioxidant and Cytotoxic Agents. <i>Antioxidants</i> , 2021, 10, 777.   | 5.1 | 8         |
| 6  | Role of Postbiotics in Diabetes Mellitus: Current Knowledge and Future Perspectives. <i>Foods</i> , 2021, 10, 1590.   | 4.3 | 29        |
| 7  | Human Microbiota Network: Unveiling Potential Crosstalk between the Different Microbiota Ecosystems and Their Role in Health and Disease. <i>Nutrients</i> , 2021, 13, 2905.  | 4.1 | 26        |
| 8  | A Novel Prognostic Biomarker Panel for Early-Stage Colon Carcinoma. <i>Cancers</i> , 2021, 13, 5909.  | 3.7 | 5         |
| 9  | In Vitro Assessment of the Role of p53 on Chemotherapy Treatments in Neuroblastoma Cell Lines. <i>Pharmaceuticals</i> , 2021, 14, 1184.   | 3.8 | 3         |
| 10 | Novel N,N-Disubstituted Acylselenoureas as Potential Antioxidant and Cytotoxic Agents. <i>Antioxidants</i> , 2020, 9, 55.   | 5.1 | 25        |
| 11 | New Formulation of a Methylseleno-Aspirin Analog with Anticancer Activity Towards Colon Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9017.  | 4.1 | 5         |
| 12 | A Combination of Apple Vinegar Drink with <i>Bacillus coagulans</i> Ameliorates High Fat Diet-Induced Body Weight Gain, Insulin Resistance and Hepatic Steatosis. <i>Nutrients</i> , 2020, 12, 2504.  | 4.1 | 15        |
| 13 | Cutting down on lung cancer: Ecliptasaponin A is a novel therapeutic agent. <i>Annals of Translational Medicine</i> , 2020, 8, 843-843.   | 1.7 | 0         |
| 14 | Influence of Storage Temperature and Packaging on Bacteria and Yeast Viability in a Plant-Based Fermented Food. <i>Foods</i> , 2020, 9, 302.  | 4.3 | 22        |
| 15 | Pre-clinical evidences of the antileishmanial effects of diselenides and selenocyanates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127371.  | 2.2 | 12        |
| 16 | A Fermented Food Product Containing Lactic Acid Bacteria Protects ZDF Rats from the Development of Type 2 Diabetes. <i>Nutrients</i> , 2019, 11, 2530.  | 4.1 | 33        |
| 17 | Potential biomedical reuse of vegetative residuals from mycorrhized grapevines subjected to warming. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1341-1353.  | 2.6 | 2         |
| 18 | Identification of a Novel Quinoxaline-Isoselenourea Targeting the STAT3 Pathway as a Potential Melanoma Therapeutic. <i>International Journal of Molecular Sciences</i> , 2019, 20, 521.  | 4.1 | 11        |

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|----|---|-----|-----------|
| 19 | Organoseleno cytostatic derivatives: Autophagic cell death with AMPK and JNK activation. <i>European Journal of Medicinal Chemistry</i> , 2019, 175, 234-246.   | 5.5 | 10        |
| 20 | Synthesis and Leishmanicidal Activity of Novel Urea, Thiourea, and Selenourea Derivatives of Diselenides. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .  | 3.2 | 30        |
| 21 | Combined Acylselenourea Diselenide Structures: New Potent and Selective Antitumoral Agents as Autophagy Activators. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 306-311.  | 2.8 | 23        |
| 22 | A diphenyldiselenide derivative induces autophagy via JNK in HTB54 lung cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 289-301.  | 3.6 | 19        |
| 23 | Novel Methylselenoesters Induce Programed Cell Death via Entosis in Pancreatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2849.   | 4.1 | 21        |
| 24 | Novel selenadiazole derivatives as selective antitumor and radical scavenging agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 14-27.  | 5.5 | 32        |
| 25 | Topological and quantum molecular descriptors as effective tools for analyzing cytotoxic activity achieved by a series of (diselanediyldibenzene-4,1-diylnide)biscarbamate derivatives. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 73, 62-73. | 2.4 | 3         |
| 26 | Thermal stability and decomposition of urea, thiourea and selenourea analogous diselenide derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1663-1674.   | 3.6 | 7         |
| 27 | Novel Methylselenoesters as Antiproliferative Agents. <i>Molecules</i> , 2017, 22, 1288.  | 3.8 | 16        |
| 28 | Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2821-2824.  | 2.2 | 53        |
| 29 | Novel Heteroaryl Selenocyanates and Diselenides as Potent Antileishmanial Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3802-3812.   | 3.2 | 66        |
| 30 | Chalcogen containing heterocyclic scaffolds: New hybrids with antitumoral activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 407-418.  | 5.5 | 40        |
| 31 | Thermal analysis of novel selenocarbamates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1951-1962.  | 3.6 | 1         |
| 32 | Novel seleno- and thio-urea derivatives with potent in vitro activities against several cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 134-144.   | 5.5 | 41        |
| 33 | Leishmanicidal Activities of Novel Methylseleno-Imidocarbamates. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5705-5713.  | 3.2 | 28        |
| 34 | In vitro radical scavenging and cytotoxic activities of novel hybrid selenocarbamates. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1716-1727.   | 3.0 | 29        |
| 35 | Mycorrhizal inoculation affected growth, mineral composition, proteins and sugars in lettuces biofortified with organic or inorganic selenocompounds. <i>Scientia Horticulturae</i> , 2014, 180, 40-51.   | 3.6 | 27        |
| 36 | Synthesis and antiproliferative activity of novel methylselenocarbamates. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 674-684.   | 5.5 | 17        |

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|----|---|-----|-----------|
| 37 | A dihydro-selenoquinazoline inhibits S6 ribosomal protein signalling, induces apoptosis and inhibits autophagy in MCF-7 cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 87-95.  | 4.0 | 15        |
| 38 | Synthesis and antiproliferative activity of novel selenoester derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 73, 153-166.  | 5.5 | 85        |
| 39 | Novel hybrid selenosulfonamides as potent antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 116-123.   | 5.5 | 45        |
| 40 | Thermal stability of selenium, sulfur and nitrogen analogous phthalazine derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 605-610.  | 3.6 | 7         |
| 41 | Changes in Gene Expression Profiling of Apoptotic Genes in Neuroblastoma Cell Lines upon Retinoic Acid Treatment. <i>PLoS ONE</i> , 2013, 8, e62771.  | 2.5 | 17        |
| 42 | Bisacylimidoselenocarbamates Cause G2/M Arrest Associated with the Modulation of CDK1 and Chk2 in Human Breast Cancer MCF-7 Cells. <i>Current Medicinal Chemistry</i> , 2013, 20, 1609-1619.  | 2.4 | 20        |
| 43 | Selenium Compounds, Apoptosis and Other Types of Cell Death: An Overview for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9649-9672.  | 4.1 | 215       |
| 44 | Structure- and cell-specific effects of imidoselenocarbamates on selenoprotein expression and activity in liver cells in culture. <i>Metallomics</i> , 2012, 4, 1297.   | 2.4 | 8         |
| 45 | Regulation of 17 $\beta$ -hydroxysteroid dehydrogenases in cancer: regulating steroid receptor at pre-receptor stage. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 461-473.  | 3.0 | 6         |
| 46 | Sulfur and selenium derivatives of quinazoline and pyrido[2,3-d]pyrimidine: Synthesis and study of their potential cytotoxic activity in vitro. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 283-298.                                     | 5.5 | 70        |
| 47 | Transcriptional regulation of type 11 17 $\beta$ -hydroxysteroid dehydrogenase expression in prostate cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2011, 339, 45-53.   | 3.2 | 12        |
| 48 | Novel Library of Selenocompounds as Kinase Modulators. <i>Molecules</i> , 2011, 16, 6349-6364.  | 3.8 | 17        |
| 49 | New insights into the structural requirements for pro-apoptotic agents based on 2,4-diaminoquinazoline, 2,4-diaminopyrido[2,3-d]pyrimidine and 2,4-diaminopyrimidine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3887-3899. | 5.5 | 47        |
| 50 | Study of polymorphism of organosulfur and organoselenium compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 1007-1013.  | 3.6 | 17        |
| 51 | Synthesis, characterization, crystal structure and cytotoxicity of 2,4-bis(selenomethyl)quinazoline. <i>Structural Chemistry</i> , 2011, 22, 1233-1240.   | 2.0 | 4         |
| 52 | Antileishmanial activity of imidothiocarbamates and imidoselenocarbamates. <i>Parasitology Research</i> , 2011, 108, 233-239.   | 1.6 | 42        |
| 53 | Synthesis and antiproliferative activity of novel symmetrical alkylthio- and alkylseleno-imidocarbamates. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 265-274.   | 5.5 | 52        |
| 54 | Selenocyanates and diselenides: A new class of potent antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3315-3323.   | 5.5 | 108       |

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|----|--|-----|-----------|
| 55 | Synthesis and <i>in vitro</i> Anticancer Activities of some Selenadiazole Derivatives. <i>Archiv Der Pharmazie</i> , 2010, 343, 680-691.   | 4.1 | 57        |
| 56 | Benzo[b]thiophene-6-carboxamide 1,1-dioxides: Inhibitors of human cancer cell growth at nanomolar concentrations. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5701-5707.                       | 3.0 | 14        |
| 57 | Antioxidant-Prooxidant Properties of a New Organoselenium Compound Library. <i>Molecules</i> , 2010, 15, 7292-7312.  | 3.8 | 83        |
| 58 | Type 10 17 $\beta$ -hydroxysteroid dehydrogenase expression is regulated by C/EBP $\beta$ in HepG2 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 164-171.             | 2.5 | 15        |
| 59 | Thermal stability and decomposition of sulphur and selenium compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 559-566.   | 3.6 | 21        |
| 60 | Estradiol induces type 8 17 $\beta$ -hydroxysteroid dehydrogenase expression: crosstalk between estrogen receptor $\alpha$ and C/EBP $\beta$ . <i>Journal of Endocrinology</i> , 2009, 200, 85-92.       | 2.6 | 20        |
| 61 | Synthesis and Pharmacological Screening of Several Aroyl and Heteroaroyl Selenylacetic Acid Derivatives as Cytotoxic and Antiproliferative Agents. <i>Molecules</i> , 2009, 14, 3313-3338.               | 3.8 | 50        |
| 62 | Synthesis and Biological Evaluation of 2,4,6-Functionalized Derivatives of Pyrido[2,3- <i>d</i> ]pyrimidines as Cytotoxic Agents and Apoptosis Inducers. <i>Archiv Der Pharmazie</i> , 2008, 341, 28-41. | 4.1 | 12        |
| 63 | Selenium Compounds and Apoptotic Modulation: A New Perspective in Cancer Therapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008, 8, 1020-1031.   | 2.4 | 79        |
| 64 | Transcriptional regulation of the human type 8 17 $\beta$ -hydroxysteroid dehydrogenase gene by C/EBP $\beta$ . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 105, 131-139.       | 2.5 | 19        |
| 65 | Biological profile of new apoptotic agents based on 2,4-pyrido[2,3- <i>d</i> ]pyrimidine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1659-1669.                                   | 3.0 | 141       |
| 66 | Novel potent organoselenium compounds as cytotoxic agents in prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6853-6859.   | 2.2 | 50        |
| 67 | Loss of heterozygosity and microsatellite instability on chromosome arm 10q in neuroblastoma. <i>Cancer Genetics and Cytogenetics</i> , 2007, 174, 1-8.  | 1.0 | 29        |
| 68 | Frequent promoter hypermethylation of RASSF1A and CASP8 in neuroblastoma. <i>BMC Cancer</i> , 2006, 6, 254.  | 2.6 | 51        |
| 69 | Synthesis and Biological Evaluation of Heteroaryldiamides and Heteroaryldiamines as Cytotoxic Agents, Apoptosis Inducers and Caspase-3 Activators. <i>Archiv Der Pharmazie</i> , 2006, 339, 182-192.     | 4.1 | 8         |
| 70 | New symmetrical quinazoline derivatives selectively induce apoptosis in human cancer cells. <i>Cancer Biology and Therapy</i> , 2006, 5, 850-859.  | 3.4 | 23        |
| 71 | Molecular Symmetry: A Structural Property Frequently Present in New Cytotoxic and Proapoptotic Drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 639-650.                                     | 2.4 | 15        |
| 72 | Synthesis and biological evaluation of new symmetrical derivatives as cytotoxic agents and apoptosis inducers. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2031-2044.                          | 3.0 | 42        |

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|----|--|-----|-----------|
| 73 | Homozygous deletion and expression of PTEN and DMBT1 in human primary neuroblastoma and cell lines. <i>International Journal of Cancer</i> , 2004, 109, 673-679.                         | 5.1 | 40        |
| 74 | Promoter analysis of the human p44 mitogen-activated protein kinase gene (MAPK3): transcriptional repression under nonproliferating conditions. <i>Genomics</i> , 2004, 84, 222-226.     | 2.9 | 12        |
| 75 | Interaction of f1-atpase and its inhibitor peptide effect of pH. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1988, 20, 977-981.                                    | 0.5 | 5         |
| 76 | Interaction of f1-atpase and its inhibitor peptide effect of dinitrophenol, nucleotides and anions. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1988, 20, 983-987. | 0.5 | 0         |