

Ignacio EncÃ- o

List of Publications by Year in descending order

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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	Selenium Compounds, Apoptosis and Other Types of Cell Death: An Overview for Cancer Therapy. International Journal of Molecular Sciences, 2012, 13, 9649-9672.	4.1	215
2	Biological profile of new apoptotic agents based on 2,4-pyrido[2,3-d]pyrimidine derivatives. Bioorganic and Medicinal Chemistry, 2007, 15, 1659-1669.	3.0	141
3	Selenocyanates and diselenides: A new class of potent antileishmanial agents. European Journal of Medicinal Chemistry, 2011, 46, 3315-3323.	5.5	108
4	Synthesis and antiproliferative activity of novel selenoester derivatives. European Journal of Medicinal Chemistry, 2014, 73, 153-166.	5.5	85
5	Antioxidant-Prooxidant Properties of a New Organoselenium Compound Library. Molecules, 2010, 15, 7292-7312.	3.8	83
6	Selenium Compounds and Apoptotic Modulation: A New Perspective in Cancer Therapy. Mini-Reviews in Medicinal Chemistry, 2008, 8, 1020-1031.	2.4	79
7	Sulfur and selenium derivatives of quinazoline and pyrido[2,3-d]pyrimidine: Synthesis and study of their potential cytotoxic activity in vitro. European Journal of Medicinal Chemistry, 2012, 47, 283-298.	5.5	70
8	Novel Heteroaryl Selenocyanates and Diselenides as Potent Antileishmanial Agents. Antimicrobial Agents and Chemotherapy, 2016, 60, 3802-3812.	3.2	66
9	Synthesis and <i>in vitro</i> Anticancer Activities of some Selenadiazole Derivatives. Archiv Der Pharmazie, 2010, 343, 680-691.	4.1	57
10	Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2821-2824.	2.2	53
11	Synthesis and antiproliferative activity of novel symmetrical alkylthio- and alkylseleno-imidocarbamates. European Journal of Medicinal Chemistry, 2011, 46, 265-274.	5.5	52
12	Frequent promoter hypermethylation of RASSF1A and CASP8 in neuroblastoma. BMC Cancer, 2006, 6, 254.	2.6	51
13	Novel potent organoselenium compounds as cytotoxic agents in prostate cancer cells. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6853-6859.	2.2	50
14	Synthesis and Pharmacological Screening of Several Aryl and Heteroaryl Selenylacetic Acid Derivatives as Cytotoxic and Antiproliferative Agents. Molecules, 2009, 14, 3313-3338.	3.8	50
15	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. European Journal of Medicinal Chemistry, 2011, 46, 3887-3899.	5.5	47
16	Novel hybrid selenosulfonamides as potent antileishmanial agents. European Journal of Medicinal Chemistry, 2014, 74, 116-123.	5.5	45
17	Synthesis and biological evaluation of new symmetrical derivatives as cytotoxic agents and apoptosis inducers. Bioorganic and Medicinal Chemistry, 2005, 13, 2031-2044.	3.0	42
18	Antileishmanial activity of imidothiocarbamates and imidoselenocarbamates. Parasitology Research, 2011, 108, 233-239.	1.6	42

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19	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
20	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
21	Chalcogen containing heterocyclic scaffolds: New hybrids with antitumoral activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 407-418.	5.5	40
22	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
23	Novel selenadiazole derivatives as selective antitumor and radical scavenging agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 14-27.	5.5	32
24	Synthesis and Leishmanicidal Activity of Novel Urea, Thiourea, and Selenourea Derivatives of Diselenides. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	30
25	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
26	In vitro radical scavenging and cytotoxic activities of novel hybrid selenocarbamates. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1716-1727.	3.0	29
27	Role of Postbiotics in Diabetes Mellitus: Current Knowledge and Future Perspectives. <i>Foods</i> , 2021, 10, 1590.	4.3	29
28	Leishmanicidal Activities of Novel Methylseleno-Imidocarbamates. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5705-5713.	3.2	28
29	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
30	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
31	Novel N, N'-Disubstituted Acylselenoureas as Potential Antioxidant and Cytotoxic Agents. <i>Antioxidants</i> , 2020, 9, 55.	5.1	25
32	Microencapsulated <i>Bifidobacterium bifidum</i> and <i>Lactobacillus gasseri</i> in Combination with Quercetin Inhibit Colorectal Cancer Development in ApcMin/+ Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4906.	4.1	24
33	New symmetrical quinazoline derivatives selectively induce apoptosis in human cancer cells. <i>Cancer Biology and Therapy</i> , 2006, 5, 850-859.	3.4	23
34	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
35	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
36	Thermal stability and decomposition of sulphur and selenium compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 559-566.	3.6	21

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37	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
38	Estradiol induces type 8 17 β -hydroxysteroid dehydrogenase expression: crosstalk between estrogen receptor α and C/EBP β . <i>Journal of Endocrinology</i> , 2009, 200, 85-92.	2.6	20
39	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
40	Transcriptional regulation of the human type 8 17 β -hydroxysteroid dehydrogenase gene by C/EBP β . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 105, 131-139.	2.5	19
41	A diphenyldiselenide derivative induces autophagy <i>via</i> JNK in HTB β 54 lung cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 289-301.	3.6	19
42	Novel Library of Selenocompounds as Kinase Modulators. <i>Molecules</i> , 2011, 16, 6349-6364.	3.8	17
43	Study of polymorphism of organosulfur and organoselenium compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 1007-1013.	3.6	17
44	Synthesis and antiproliferative activity of novel methylselenocarbamates. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 674-684.	5.5	17
45	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
46	Novel Methylselenoesters as Antiproliferative Agents. <i>Molecules</i> , 2017, 22, 1288.	3.8	16
47	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
48	Type 10 17 β -hydroxysteroid dehydrogenase expression is regulated by C/EBP β in HepG2 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 164-171.	2.5	15
49	A dihydroselenoquinazoline 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
50	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
51	Antidiabetic Effects of <i>Pediococcus acidilactici</i> pA1c on HFD-Induced Mice. <i>Nutrients</i> , 2022, 14, 692.	4.1	15
52	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
53	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
54	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

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55	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
56	Transcriptional regulation of type 11 17β -hydroxysteroid dehydrogenase expression in prostate cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2011, 339, 45-53.	3.2	12
57	Pre-clinical evidences of the antileishmanial effects of diselenides and selenocyanates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127371.	2.2	12
58	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
59	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
60	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
61	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
62	Novel N,N ² -Disubstituted Selenoureas as Potential Antioxidant and Cytotoxic Agents. <i>Antioxidants</i> , 2021, 10, 777.	5.1	8
63	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
64	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
65	Regulation of 17β -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
66	Interaction of f1-atpase and its inhibitor peptide effect of pH. <i>International Journal of Biochemistry & Cell Biology</i> , 1988, 20, 977-981.	0.5	5
67	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
68	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
69	A Novel Prognostic Biomarker Panel for Early-Stage Colon Carcinoma. <i>Cancers</i> , 2021, 13, 5909.	3.7	5
70	Synthesis, characterization, crystal structure and cytotoxicity of 2,4-bis(selenomethyl)quinazoline. <i>Structural Chemistry</i> , 2011, 22, 1233-1240.	2.0	4
71	Topological and quantum molecular descriptors as effective tools for analyzing cytotoxic activity achieved by a series of (diselanediyldibenzene-4,1-diyl)nicotinamide derivatives. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 73, 62-73.	2.4	3
72	In Vitro Assessment of the Role of p53 on Chemotherapy Treatments in Neuroblastoma Cell Lines. <i>Pharmaceuticals</i> , 2021, 14, 1184.	3.8	3

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73	Potential biomedical reuse of vegetative residuals from mycorrhized grapevines subjected to warming. Archives of Agronomy and Soil Science, 2019, 65, 1341-1353.	2.6	2
74	Thermal analysis of novel selenocarbamates. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1951-1962.	3.6	1
75	Interaction of f1-atpase and its inhibitor peptide effect of dinitrophenol, nucleotides and anions. International Journal of Biochemistry & Cell Biology, 1988, 20, 983-987.	0.5	0
76	Cutting down on lung cancer: Ecliptasaponin A is a novel therapeutic agent. Annals of Translational Medicine, 2020, 8, 843-843.	1.7	0