

Jose Antonio Escario Garcia-Trevijano

List of Publications by Year in descending order

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66
papers

1,657
citations

257101

24
h-index

329751

37
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67
all docs

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docs citations

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times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of resazurin microtiter assay for drug sensibility testing of <i>Trypanosoma cruzi</i> epimastigotes. <i>Parasitology Research</i> , 2006, 99, 103-107.	0.6	128
2	In vitro screening of American plant extracts on <i>Trypanosoma cruzi</i> and <i>Trichomonas vaginalis</i> . <i>Journal of Ethnopharmacology</i> , 2000, 71, 101-107.	2.0	81
3	Novel Antiprotozoal Products: Imidazole and Benzimidazole N-Oxide Derivatives and Related Compounds. <i>Archiv Der Pharmazie</i> , 2004, 337, 259-270.	2.1	68
4	A new pharmacological screening assay with <i>Trypanosoma cruzi</i> epimastigotes expressing β -galactosidase. <i>Parasitology Research</i> , 2005, 95, 296-298.	0.6	66
5	A linear discrimination analysis based virtual screening of trichomonacidal lead-like compounds: Outcomes of in silico studies supported by experimental results. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3838-3843.	1.0	61
6	Effects of CDP-choline on the recovery of patients with head injury. <i>Journal of the Neurological Sciences</i> , 1991, 103, 15-18.	0.3	57
7	Selective activity of polyene macrolides produced by genetically modified <i>Streptomyces</i> on <i>Trypanosoma cruzi</i> . <i>International Journal of Antimicrobial Agents</i> , 2006, 28, 104-109.	1.1	55
8	Predicting antitrichomonal activity: A computational screening using atom-based bilinear indices and experimental proofs. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6502-6524.	1.4	53
9	A novel non-stochastic quadratic fingerprints-based approach for the <i>in silico</i> ™ discovery of new antitrypanosomal compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6264-6275.	1.4	51
10	Synthesis, biological evaluation and chemometric analysis of indazole derivatives. 1,2-Disubstituted 5-nitroindazolinones, new prototypes of antichagasic drug. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 214-227.	2.6	45
11	Biological characterization of <i>Trypanosoma cruzi</i> strains. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2001, 96, 53-59.	0.8	44
12	A Quinoxaline Derivative as a Potent Chemotherapeutic Agent, Alone or in Combination with Benznidazole, against <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2014, 9, e85706.	1.1	42
13	A Computer-Based Approach to the Rational Discovery of New Trichomonacidal Drugs by Atom-Type Linear Indices. <i>Current Drug Discovery Technologies</i> , 2005, 2, 245-265.	0.6	40
14	Synthesis, structure and anti-fungal activity of 3-(2-nitrovinyl)indoles. <i>European Journal of Medicinal Chemistry</i> , 1989, 24, 39-42.	2.6	37
15	Biological characterization of a beta-galactosidase expressing clone of <i>Trypanosoma cruzi</i> CL strain. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 1101-1105.	0.8	37
16	New ligand-based approach for the discovery of antitrypanosomal compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1898-1904.	1.0	36
17	Selective activity of 2,4-diaryl-1,2,3,4-tetrahydroquinolines on <i>Trypanosoma cruzi</i> epimastigotes and amastigotes expressing β -galactosidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4851-4856.	1.0	32
18	Bond-based linear indices in QSAR: computational discovery of novel anti-trichomonal compounds. <i>Journal of Computer-Aided Molecular Design</i> , 2008, 22, 523-540.	1.3	31

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19	Development of novel benzimidazole formulations: Physicochemical characterization and in vivo evaluation on parasitemia reduction in Chagas disease. <i>International Journal of Pharmaceutics</i> , 2014, 472, 110-117.	2.6	30
20	Novel solid dispersions of benzimidazole: Preparation, dissolution profile and biological evaluation as alternative antichagasic drug delivery system. <i>Experimental Parasitology</i> , 2015, 149, 84-91.	0.5	30
21	Antichagasic and trichomonacidal activity of 1-substituted 2-benzyl-5-nitroindazolin-3-ones and 3-alkoxy-2-benzyl-5-nitro-2H-indazoles. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 295-310.	2.6	29
22	In vitro phenotypic screening of 7-chloro-4-amino(oxy)quinoline derivatives as putative anti- <i>Trypanosoma cruzi</i> agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1209-1213.	1.0	27
23	In Vitro and in Vivo Assays of 3,5-Disubstituted-Tetrahydro-2H-1,3,5-Thiadiazin-2-Thione Derivatives against <i>Trypanosoma cruzi</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 269-272.	0.8	26
24	Effect of Anapsos [®] in a murine model of experimental trichomoniasis. <i>Parasite</i> , 2003, 10, 303-308.	0.8	25
25	Trophozoites of <i>Entamoeba histolytica</i> express a CD59-like molecule in human colon. <i>Parasitology Research</i> , 2009, 104, 821-826.	0.6	21
26	Synthesis, cytostatic and trichomonacide activities of 3,5-bis-(halomethyl)pyrazoles. <i>European Journal of Medicinal Chemistry</i> , 1987, 22, 445-451.	2.6	20
27	New thiadiazine derivatives with activity against <i>Trypanosoma cruzi</i> amastigotes. <i>Folia Parasitologica</i> , 2001, 48, 105-108.	0.7	20
28	Modulation by <i>Polypodium leucotomos</i> extract of cytokine patterns in experimental trichomoniasis model. <i>Parasite</i> , 2003, 10, 73-78.	0.8	19
29	Immunohistochemical study of the vaginal inflammatory response in experimental trichomoniasis. <i>Acta Tropica</i> , 2010, 114, 22-30.	0.9	19
30	Ligand-based discovery of novel trypanosomicidal drug-like compounds: In silico identification and experimental support. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3324-3330.	2.6	19
31	New Antitrichomonal Drug-like Chemicals Selected by Bond (Edge)-Based TOMOCOMD-CARDD Descriptors. <i>Journal of Biomolecular Screening</i> , 2008, 13, 785-794.	2.6	17
32	Synthesis and Evaluation of 1,1'-bis(hydrocarbylene)bis(indazole)s as Potential Antimalarial Drugs. <i>ChemMedChem</i> , 2009, 4, 78-87.	1.6	17
33	Further insights into biological evaluation of new anti- <i>Trypanosoma cruzi</i> 5-nitroindazoles. <i>Parasitology Research</i> , 2014, 113, 1049-1056.	0.6	17
34	Synthesis and Antiprotozoal Properties of 1,2,6-Thiadiazine 1,1-Dioxide Derivatives. <i>Archiv Der Pharmazie</i> , 1992, 325, 509-514.	2.1	16
35	Antiparasitic properties of homoallylamines and related compounds. <i>Acta Parasitologica</i> , 2006, 51, .	0.4	16
36	Bond-based bilinear indices for computational discovery of novel trypanosomicidal drug-like compounds through virtual screening. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 238-244.	2.6	16

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37	Experimental models in Chagas disease: a review of the methodologies applied for screening compounds against <i>Trypanosoma cruzi</i> . <i>Parasitology Research</i> , 2018, 117, 3367-3380.	0.6	16
38	Research for New Antichagasic Drugs.. <i>Chemical and Pharmaceutical Bulletin</i> , 1991, 39, 1990-1993.	0.6	15
39	In Vitro Antiparasitic Activity of Plant Extracts from Panama. <i>Pharmaceutical Biology</i> , 2004, 42, 332-337.	1.3	15
40	Validation of a modified fluorimetric assay for the screening of trichomonacidal drugs. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 637-643.	0.8	15
41	Sequestration of host-CD59 as potential immune evasion strategy of <i>Trichomonas vaginalis</i> . <i>Acta Tropica</i> , 2015, 149, 1-7.	0.9	15
42	Antichagasic, Leishmanicidal, and Trichomonacidal Activity of 2- <i>Benzyl</i> -5-nitroindazole-Derived Amines. <i>ChemMedChem</i> , 2018, 13, 1246-1259.	1.6	15
43	Discovery of Novel Trichomonacidal Using LDA-Driven QSAR Models and Bond-Based Bilinear Indices as Molecular Descriptors. <i>QSAR and Combinatorial Science</i> , 2009, 28, 9-26.	1.5	14
44	Identification <i>In Silico</i> and <i>In Vitro</i> of Novel Trypanosomicidal Drug-Like Compounds. <i>Chemical Biology and Drug Design</i> , 2012, 80, 38-45.	1.5	14
45	Biological variability in clinical isolates of <i>Trichomonas vaginalis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 893-896.	0.8	13
46	Transformation of schiff bases derived from alpha-naphthaldehyde. Synthesis, spectral data and biological activity of new 3- <i>Caryl</i> -2-(1-naphthyl)-4-thiazolidinones and <i>N</i> - <i>Caryl</i> - <i>N</i> -(1-naphthyl)but-3-enylamines. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 995-999.	1.4	13
47	Activity Assays of Thiadiazine Derivatives on <i>Trichomonas vaginalis</i> and Amastigote Forms of <i>Trypanosoma cruzi</i> . <i>Chemotherapy</i> , 1992, 38, 441-446.	0.8	12
48	Evaluation of a murine model of experimental trichomoniasis. <i>Parasite</i> , 1997, 4, 127-132.	0.8	11
49	<i>Trichomonas vaginalis</i> : Determination of Acid Phosphatase Activity as a Pharmacological Screening Procedure. <i>Journal of Parasitology</i> , 2003, 89, 1076-1077.	0.3	11
50	Antiprotozoan lead discovery by aligning dry and wet screening: Prediction, synthesis, and biological assay of novel quinoxalinones. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1568-1585.	1.4	11
51	Synthesis and <i>In Vitro</i> and <i>In Vivo</i> biological evaluation of substituted nitroquinoxalin-2-ones and 2,3-diones as novel trichomonacidal agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 276-283.	2.6	11
52	Antiparasitic activity of nine pyrazole derivatives against <i>Trichomonas vaginalis</i> , <i>Entamoeba invadens</i> and <i>Plasmodium berghei</i> . <i>Annals of Tropical Medicine and Parasitology</i> , 1988, 82, 257-262.	1.6	10
53	The relationship of experimental pathogenicity <i>in vivo</i> with <i>in vitro</i> cytoadherence and cytotoxicity of 6 different isolates of <i>Trichomonas vaginalis</i> . <i>International Journal for Parasitology</i> , 1995, 25, 999-1000.	1.3	9
54	Evaluation of drug activity against intracellular forms of <i>Trypanosoma cruzi</i> employing enzyme immunoassay. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2000, 25, 43-47.	0.7	9

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55	The efficacy of 2-nitrovinylfuran derivatives against <i>Leishmania</i> in vitro and in vivo. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 166-173.	0.8	9
56	Novel Imidazo[4,5-c][1,2,6]thiadiazine 2,2-dioxides as antiproliferative trypanosoma cruzi drugs: Computational screening from neural network, synthesis and in vivo biological properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 223-234.	2.6	9
57	A sequential procedure for rapid and accurate identification of putative trichomonacidal agents. <i>Journal of Microbiological Methods</i> , 2014, 105, 162-167.	0.7	8
58	Determination of internal transcribed spacer regions (ITS) in <i>Trichomonas vaginalis</i> isolates and differentiation among <i>Trichomonas</i> species. <i>Parasitology International</i> , 2014, 63, 427-431.	0.6	8
59	Biological approaches to characterize the mode of action of two 5-nitroindazolinone prototypes on <i>Trypanosoma cruzi</i> bloodstream trypomastigotes. <i>Parasitology</i> , 2016, 143, 1469-1478.	0.7	7
60	Drug repositioning for novel antitrichomonas from known antiprotozoan drugs using hierarchical screening. <i>Future Medicinal Chemistry</i> , 2018, 10, 863-878.	1.1	7
61	Thio- and selenosemicarbazones as antiprotozoal agents against <i>Trypanosoma cruzi</i> and <i>Trichomonas vaginalis</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 781-791.	2.5	7
62	Relationship between biological behaviour and randomly amplified polymorphic DNA profiles of <i>Trypanosoma cruzi</i> strains. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2001, 96, 251-256.	0.8	6
63	Trichomoniasis in a tertiary hospital of Madrid, Spain (2013–2017): prevalence and pregnancy rate, coinfections, metronidazole resistance, and endosymbiosis. <i>Parasitology Research</i> , 2020, 119, 1915-1923.	0.6	6
64	In vitro trichomonacidal activity and preliminary in silico chemometric studies of 5-nitroindazolin-3-one and 3-alkoxy-5-nitroindazole derivatives. <i>Parasitology</i> , 2016, 143, 34-40.	0.7	5
65	Promising hit compounds against resistant trichomoniasis: Synthesis and antiparasitic activity of 3-(1-aminoalkoxy)-1-benzyl-5-nitroindazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 37, 127843.	1.0	5
66	Effect of piroxicam, metamizol, and S-adenosylmethionine in a murine model of experimental trichomoniasis. <i>Parasite</i> , 2005, 12, 79-83.	0.8	2