

Nuno Vale

List of Publications by Citations

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122
papers

2,311
citations

28
h-index

44
g-index

141
ext. papers

2,915
ext. citations

4.9
avg, IF

5.38
L-index

#	Paper	IF	Citations
122	Primaquine revisited six decades after its discovery. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 937-53	6.8	270
121	Praziquantel for Schistosomiasis: Single-Drug Metabolism Revisited, Mode of Action, and Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	162
120	Phenolic profiling of Portuguese propolis by LC-MS spectrometry: uncommon propolis rich in flavonoid glycosides. <i>Phytochemical Analysis</i> , 2013 , 24, 309-18	3.4	125
119	Combination of Cell-Penetrating Peptides with Nanoparticles for Therapeutic Application: A Review. <i>Biomolecules</i> , 2019 , 9,	5.9	94
118	"Recycling" classical drugs for malaria. <i>Chemical Reviews</i> , 2014 , 114, 11164-220	68.1	84
117	Imidazolidin-4-one derivatives of primaquine as novel transmission-blocking antimalarials. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 888-92	8.3	70
116	Synthesis of imidazolidin-4-one and 1H-imidazo[2,1-a]isoindole-2,5(3H,9bH)-dione derivatives of primaquine: scope and limitations. <i>Tetrahedron</i> , 2004 , 60, 5551-5562	2.4	63
115	Phenolic quantification and botanical origin of Portuguese propolis. <i>Industrial Crops and Products</i> , 2013 , 49, 805-812	5.9	51
114	Hydrogel depots for local co-delivery of osteoinductive peptides and mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2014 , 189, 158-68	11.7	49
113	Mass spectrometry techniques in the survey of steroid metabolites as potential disease biomarkers: a review. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1206-17	12.7	47
112	Antimicrobial peptides: a new class of antimalarial drugs?. <i>Frontiers in Pharmacology</i> , 2014 , 5, 275	5.6	47
111	Schistosome and liver fluke derived catechol-estrogens and helminth associated cancers. <i>Frontiers in Genetics</i> , 2014 , 5, 444	4.5	46
110	Estrogen-like metabolites and DNA-adducts in urogenital schistosomiasis-associated bladder cancer. <i>Cancer Letters</i> , 2015 , 359, 226-32	9.9	44
109	Tumour-like phenotypes in urothelial cells after exposure to antigens from eggs of <i>Schistosoma haematobium</i> : an oestrogen-DNA adducts mediated pathway?. <i>International Journal for Parasitology</i> , 2013 , 43, 17-26	4.3	42
108	Infection with <i>Opisthorchis felineus</i> induces intraepithelial neoplasia of the biliary tract in a rodent model. <i>Carcinogenesis</i> , 2017 , 38, 929-937	4.6	42
107	Cyclization-activated prodrugs. <i>Molecules</i> , 2007 , 12, 2484-506	4.8	40
106	New times, new trends for ethionamide: In vitro evaluation of drug-loaded thermally carbonized porous silicon microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 314-23	5.7	35

105	Tethering antimicrobial peptides onto chitosan: Optimization of azide-alkyne "click" reaction conditions. <i>Carbohydrate Polymers</i> , 2017 , 165, 384-393	10.3	32
104	Drug Repurposing for Schistosomiasis: Combinations of Drugs or Biomolecules. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	32
103	In vitro evaluation of Portuguese propolis and floral sources for antiprotozoal, antibacterial and antifungal activity. <i>Phytotherapy Research</i> , 2014 , 28, 437-43	6.7	32
102	Imidazoquinones as antimalarial and antipneumocystis agents. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7800-7	8.3	32
101	Carcinogenic liver fluke <i>Opisthorchis viverrini</i> oxysterols detected by LC-MS/MS survey of soluble fraction parasite extract. <i>Parasitology International</i> , 2013 , 62, 535-42	2.1	31
100	Synergistic and antibiofilm properties of ocellatin peptides against multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Future Microbiology</i> , 2018 , 13, 151-163	2.9	30
99	Gemcitabine anti-proliferative activity significantly enhanced upon conjugation with cell-penetrating peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2898-2901	2.9	29
98	Metabolism of the Antituberculosis Drug Ethionamide. <i>Current Drug Metabolism</i> , 2013 , 14, 151-158	3.5	29
97	<i>Schistosoma haematobium</i> : identification of new estrogenic molecules with estradiol antagonistic activity and ability to inactivate estrogen receptor in mammalian cells. <i>Experimental Parasitology</i> , 2010 , 126, 526-35	2.1	29
96	Anti-Pneumocystis carinii and antiplasmodial activities of primaquine-derived imidazolidin-4-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 485-8	2.9	29
95	Imidazolidin-4-one peptidomimetic derivatives of primaquine: synthesis and antimalarial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 4150-3	2.9	29
94	Peptidomimetic and organometallic derivatives of primaquine active against <i>Leishmania infantum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5774-81	5.9	27
93	New Potent Membrane-Targeting Antibacterial Peptides from Viral Capsid Proteins. <i>Frontiers in Microbiology</i> , 2017 , 8, 775	5.7	26
92	PRIMACENES: novel non-cytotoxic primaquine-ferrocene conjugates with anti-Pneumocystis carinii activity. <i>MedChemComm</i> , 2010 , 1, 199	5	24
91	Amino Acids in the Development of Prodrugs. <i>Molecules</i> , 2018 , 23,	4.8	24
90	Microglia P2Y Receptors Prevent Astrocyte Proliferation Mediated by P2Y Receptors. <i>Frontiers in Pharmacology</i> , 2018 , 9, 418	5.6	22
89	Primaquine dipeptide derivatives bearing an imidazolidin-4-one moiety at the N-terminus as potential antimalarial prodrugs. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 2506-16	6.8	22
88	Urinary estrogen metabolites and self-reported infertility in women infected with <i>Schistosoma haematobium</i> . <i>PLoS ONE</i> , 2014 , 9, e96774	3.7	20

87	Phenolic composition and antioxidant activity assessment of southeastern and south Brazilian propolis. <i>Journal of Apicultural Research</i> , 2017 , 56, 21-31	2	19
86	Inactivation of estrogen receptor by <i>Schistosoma haematobium</i> total antigen in bladder urothelial cells. <i>Oncology Reports</i> , 2012 , 27, 356-62	3.5	18
85	Study of New Therapeutic Strategies to Combat Breast Cancer Using Drug Combinations. <i>Biomolecules</i> , 2018 , 8,	5.9	17
84	A novel synthetic peptide inspired on Lys49 phospholipase A from <i>Crotalus oreganus abyssus</i> snake venom active against multidrug-resistant clinical isolates. <i>European Journal of Medicinal Chemistry</i> , 2018 , 149, 248-256	6.8	16
83	Anti-tumoral activity of imidazoquinones, a new class of antimalarials derived from primaquine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 6914-7	2.9	16
82	Thermochemical studies on 3-methyl-quinoxaline-2-carboxamide-1,4-dioxide derivatives: enthalpies of formation and of N-O bond dissociation. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 2075-80	3.4	15
81	Study of the Combination of Self-Activating Photodynamic Therapy and Chemotherapy for Cancer Treatment. <i>Biomolecules</i> , 2019 , 9,	5.9	14
80	Experimental and computational study of the energetics of hydantoin and 2-thiohydantoin. <i>Journal of Chemical Thermodynamics</i> , 2013 , 58, 158-165	2.9	14
79	Cell-penetrating peptides in oncologic pharmacotherapy: A review. <i>Pharmacological Research</i> , 2020 , 162, 105231	10.2	14
78	Nitric Oxide Release from Antimicrobial Peptide Hydrogels for Wound Healing. <i>Biomolecules</i> , 2018 , 9,	5.9	14
77	Potential use of 13-mer peptides based on phospholipase and oligoarginine as leishmanicidal agents. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 226, 108612	3.2	13
76	Single-molecule chemiluminescent photosensitizer for a self-activating and tumor-selective photodynamic therapy of cancer. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111683	6.8	13
75	Breast cancer: insights in disease and influence of drug methotrexate. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 646-664	3.5	13
74	Ocellatin-PT antimicrobial peptides: High-resolution microscopy studies in antileishmania models and interactions with mimetic membrane systems. <i>Biopolymers</i> , 2016 , 105, 873-86	2.2	13
73	The antioxidants resveratrol and N-acetylcysteine enhance anthelmintic activity of praziquantel and artesunate against <i>Schistosoma mansoni</i> . <i>Parasites and Vectors</i> , 2019 , 12, 309	4	12
72	Amino acids as selective acylating agents: regioselective N1-acylation of imidazolidin-4-one derivatives of the antimalarial drug primaquine. <i>Tetrahedron</i> , 2008 , 64, 11144-11149	2.4	12
71	Combination of Gemcitabine with Cell-Penetrating Peptides: A Pharmacokinetic Approach Using In Silico Tools. <i>Biomolecules</i> , 2019 , 9,	5.9	11
70	Drug combination and repurposing for cancer therapy: the example of breast cancer. <i>Heliyon</i> , 2021 , 7, e05948	3.6	11

69	Preparation and biological evaluation of ethionamide-mesoporous silicon nanoparticles against Mycobacterium tuberculosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 403-405	2.9	10
68	The role of estradiol metabolism in urogenital schistosomiasis-induced bladder cancer. <i>Tumor Biology</i> , 2017 , 39, 1010428317692247	2.9	9
67	Understanding Breast cancer: from conventional therapies to repurposed drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 151, 105401	5.1	9
66	Characterization of primaquine imidazolidin-4-ones with antimalarial activity by electrospray ionization-ion trap mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2008 , 270, 81-93	1.9	9
65	Coupling the cell-penetrating peptides transportan and transportan 10 to primaquine enhances its activity against liver-stage malaria parasites. <i>MedChemComm</i> , 2019 , 10, 221-226	5	8
64	AMP-Chitosan Coating with Bactericidal Activity in the Presence of Human Plasma Proteins. <i>Molecules</i> , 2020 , 25,	4.8	8
63	New Trends for Antimalarial Drugs: Synergism between Antineoplastics and Antimalarials on Breast Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	8
62	Coupling the Antimalarial Cell Penetrating Peptide TP10 to Classical Antimalarial Drugs Primaquine and Chloroquine Produces Strongly Hemolytic Conjugates. <i>Molecules</i> , 2019 , 24,	4.8	8
61	In vitro studies on the inhibition of colon cancer by amino acid derivatives of bromothiazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3507-3510	2.9	7
60	Sulfotyrosine-Mediated Recognition of Human Thrombin by a Tsetse Fly Anticoagulant Mimics Physiological Substrates. <i>Cell Chemical Biology</i> , 2021 , 28, 26-33.e8	8.2	7
59	Electrospray ionization-ion trap mass spectrometry study of PQAAPro and PQProAA mimetic derivatives of the antimalarial primaquine. <i>Journal of the American Society for Mass Spectrometry</i> , 2008 , 19, 1476-90	3.5	6
58	Development of potent CPP6-gemcitabine conjugates against human prostate cancer cell line (PC-3). <i>RSC Medicinal Chemistry</i> , 2020 , 11, 268-273	3.5	6
57	Clinical pharmacokinetic study of latrepirdine via in silico sublingual administration. <i>In Silico Pharmacology</i> , 2021 , 9, 29	4.3	6
56	Combination Anthelmintic/Antioxidant Activity Against. <i>Biomolecules</i> , 2019 , 9,	5.9	6
55	Acylation of the S4-PV cell-penetrating peptide as a means of enhancing its capacity to mediate nucleic acid delivery: Relevance of peptide/lipid interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 2619-2634	3.8	6
54	Metabolism of the antituberculosis drug ethionamide. <i>Current Drug Metabolism</i> , 2013 , 14, 151-8	3.5	6
53	Potent cationic antimicrobial peptides against Mycobacterium tuberculosis in vitro. <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 19, 132-135	3.4	5
52	Increasing the potential of cell-penetrating peptides for cancer therapy using a new pentagonal scaffold. <i>European Journal of Pharmacology</i> , 2019 , 860, 172554	5.3	5

51	In Silico, In Vitro and In Vivo Toxicological Assessment of BPP-BrachyNH ₂ , A Vasoactive Proline-Rich Oligopeptide from <i>Brachycephalus ephippium</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2017 , 23, 323-331	2.1	5
50	Synthesis and thermochemical study of quinoxaline-N-oxides: enthalpies of dissociation of the N \bar{O} bond. <i>Journal of Physical Organic Chemistry</i> , 2012 , 25, 420-426	2.1	5
49	Formulation, Characterization and Evaluation against SH-SY5Y Cells of New Tacrine and Tacrine-MAP Loaded with Lipid Nanoparticles. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
48	A Review of Repurposed Cancer Drugs in Clinical Trials for Potential Treatment of COVID-19. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
47	A new MAP-Rasagiline conjugate reduces β synuclein inclusion formation in a cell model. <i>Pharmacological Reports</i> , 2020 , 72, 456-464	3.9	4
46	Comparison of findings using ultrasonography and cystoscopy in urogenital schistosomiasis in a public health centre in rural Angola. <i>South African Medical Journal</i> , 2015 , 105, 312-5	1.5	4
45	Comparative analysis of in vitro rat liver metabolism of the antimalarial primaquine and a derived imidazoquine. <i>Drug Metabolism Letters</i> , 2012 , 6, 15-25	2.1	4
44	Electrospray ionization mass spectrometry as a valuable tool in the characterization of novel primaquine peptidomimetic derivatives. <i>European Journal of Mass Spectrometry</i> , 2009 , 15, 627-40	1.1	4
43	Biomedical Chemistry 2015 ,		4
42	Synergistic Growth Inhibition of HT-29 Colon and MCF-7 Breast Cancer Cells with Simultaneous and Sequential Combinations of Antineoplastics and CNS Drugs. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
41	Infection with carcinogenic helminth parasites and its production of metabolites induces the formation of DNA-adducts. <i>Infectious Agents and Cancer</i> , 2019 , 14, 41	3.5	4
40	Carbidopa Alters Tryptophan Metabolism in Breast Cancer and Melanoma Cells Leading to the Formation of Indole-3-Acetonitrile, a Pro-Proliferative Metabolite. <i>Biomolecules</i> , 2019 , 9,	5.9	3
39	Synthesis of PEGylated methotrexate conjugated with a novel CPP6, in silico structural insights and activity in MCF-7 cells. <i>Journal of Molecular Structure</i> , 2019 , 1192, 201-207	3.4	3
38	Exploring the Solid-Phase Synthesis of β Sulfotyrosine Peptides. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 7413-7425	3.2	3
37	Drug Combinations: A New Strategy to Extend Drug Repurposing and Epithelial-Mesenchymal Transition in Breast and Colon Cancer Cells.. <i>Biomolecules</i> , 2022 , 12,	5.9	3
36	Lessons from a Single Amino Acid Substitution: Anticancer and Antibacterial Properties of Two Phospholipase A ₂ -Derived Peptides. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 46-62	2.9	3
35	PBPK Modeling and Simulation and Therapeutic Drug Monitoring: Possible Ways for Antibiotic Dose Adjustment. <i>Processes</i> , 2021 , 9, 2087	2.9	3
34	β Adrenoceptor Activation in Breast MCF-10A Cells Induces a Pattern of Catecholamine Production Similar to that of Tumorigenic MCF-7 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3

33	Pharmacokinetic Study of Vancomycin Using PBPK Modeling and Therapeutic Drug Monitoring. <i>Current Drug Metabolism</i> , 2021 , 22, 150-162	3.5	3
32	Inhibition of the Formation In Vitro of Putatively Carcinogenic Metabolites Derived from and by Combination of Drugs with Antioxidants. <i>Molecules</i> , 2019 , 24,	4.8	3
31	Normal breast epithelial MCF-10A cells to evaluate the safety of carbon dots. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 245-253	3.5	3
30	An Active Surface Preservation Strategy for the Rational Development of Carbon Dots as pH-Responsive Fluorescent Nanosensors. <i>Chemosensors</i> , 2021 , 9, 191	4	3
29	Helminth infection-induced carcinogenesis: spectrometric insights from the liver flukes, <i>Opisthorchis</i> and <i>Fasciola</i> . <i>Experimental Results</i> , 2020 , 1,	1.3	2
28	Oxysterols of helminth parasites and pathogenesis of foodborne hepatic trematodiasis caused by <i>Opisthorchis</i> and <i>Fasciola</i> species. <i>Parasitology Research</i> , 2020 , 119, 1443-1453	2.4	2
27	Current and Novel Therapies Against Helminthic Infections: The Potential of Antioxidants Combined with Drugs. <i>Biomolecules</i> , 2020 , 10,	5.9	2
26	Two Possible Strategies for Drug Modification of Gemcitabine and Future Contributions to Personalized Medicine.. <i>Molecules</i> , 2022 , 27,	4.8	2
25	Permeability evaluation of gemcitabine-CPP6 conjugates in Caco-2 cells.. <i>ADMET and DMPK</i> , 2021 , 9, 41-48	1.3	2
24	Model Amphipathic Peptide Coupled with Tacrine to Improve Its Antiproliferative Activity. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	2
23	Importance of Nanoparticles for the Delivery of Antiparkinsonian Drugs. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
22	New In Vitro-In Silico Approach for the Prediction of In Vivo Performance of Drug Combinations. <i>Molecules</i> , 2021 , 26,	4.8	2
21	Highlighting Immune System and Stress in Major Depressive Disorder, Parkinson's, and Alzheimer's Diseases, with a Connection with Serotonin. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
20	Evaluation of synergism in drug combinations and reference models for future orientations in oncology. <i>Current Research in Pharmacology and Drug Discovery</i> , 2022 , 100110	3	2
19	Synergistic Interaction of CPP2 Coupled with Thiazole Derivates Combined with Clotrimazole and Antineoplastic Drugs in Prostate and Colon Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
18	PBPK Modeling and Simulation of Antibiotics Amikacin, Gentamicin, Tobramycin, and Vancomycin Used in Hospital Practice. <i>Life</i> , 2021 , 11,	3	1
17	Activity of Combinations of Antioxidants and Anthelmintic Drugs against the Adult Stage of. <i>Journal of Parasitology Research</i> , 2020 , 2020, 8843808	1.9	1
16	Lauroylated Histidine-Enriched S4-PV Peptide as an Efficient Gene Silencing Mediator in Cancer Cells. <i>Pharmaceutical Research</i> , 2020 , 37, 188	4.5	1

15	New Insight into Breast Cancer Cells Involving Drug Combinations for Dopamine and Serotonin Receptors. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6082	2.6	1
14	Acetylcholinesterase inhibitors and nanoparticles on Alzheimer's disease: a review. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	1
13	Synthesis, Biological Activity and In Silico Pharmacokinetic Prediction of a New 2-Thioxo-Imidazolidin-4-One of Primaquine. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
12	Target-Oriented Synthesis of Marine Coelenterazine Derivatives with Anticancer Activity by Applying the Heavy-Atom Effect. <i>Biomedicines</i> , 2021 , 9,	4.8	1
11	Combining repurposed drugs to treat colorectal cancer. <i>Drug Discovery Today</i> , 2021 , 27, 165-165	8.8	1
10	Antidepressants in Alzheimer's Disease: A Focus on the Role of Mirtazapine. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
9	Permeability of Gemcitabine and PBPK Modeling to Assess Oral Administration.. <i>Current Issues in Molecular Biology</i> , 2021 , 43, 2189-2198	2.9	1
8	Multinuclear NMR analysis of the antitubercular drug ethionamide. <i>Journal of Molecular Structure</i> , 2016 , 1105, 286-292	3.4	0
7	Strategies for the treatment of breast cancer: from classical drugs to mathematical models. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 6328-6385	2.1	0
6	New insights into ethionamide metabolism: influence of oxidized methionine on its degradation path. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 1423-1428	3.5	
5	3.1 Amino Acids and Peptides in Medicine: Old or New Drugs? 2015 , 178-228		
4	Cationic Antimicrobial Peptides for Tuberculosis: A Mini-Review. <i>Current Protein and Peptide Science</i> , 2019 , 20, 885-892	2.8	
3	A new procedure for N1-alkylation of imidazolidin-4-ones and its NMR characterization. <i>Journal of Molecular Structure</i> , 2016 , 1125, 366-369	3.4	
2	Potential Translational Thioflavin T Methodology as a Complement of Cell-Based Assays and after Drug Exposition. <i>International Journal of Translational Medicine</i> , 2022 , 2, 134-147		
1	In Silico Personalized Study for Zolpidem Based on Sex Difference. <i>Future Pharmacology</i> , 2022 , 2, 99-116		