# Kerly Pasqualoto

## List of Publications by Year in descending order



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|---|---|---|---|
| 43 papers | 945 citations | 471509 17 h-index | 477307 29 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1509 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Apoptotic effect of eugenol envolves G2/M phase abrogation accompanied by mitochondrial damage and clastogenic effect on cancer cell in vitro. Phytomedicine, 2016, 23, 725-735. | 5.3 | 43 |
| 2 | Tick salivary gland as potential natural source for the discovery of promising antitumor drug candidates. Biomedicine and Pharmacotherapy, 2016, 77, 14-19. | 5.6 | 17 |
| 3 | BFD-22 a new potential inhibitor of BRAF inhibits the metastasis of B16F10 melanoma cells and simultaneously increased the tumor immunogenicity. Toxicology and Applied Pharmacology, 2016, 295, 56-67. | 2.8 | 13 |
| 4 | In silicostudy to analyse the disassembly of quercetin-targeted dendrimers potentially leishmanicide. Molecular Simulation, 2015, 41, 1495-1508. | 2.0 | 3 |
| 5 | RPF151, a novel capsaicin-like analogue: in vitro studies and in vivo preclinical antitumor evaluation in a breast cancer model. Tumor Biology, 2015, 36, 7251-7267. | 1.8 | 18 |
| 6 | Synthesis, characterization, in silico approach and in vitro antiproliferative activity of RPF151, a benzodioxole sulfonamide analogue designed from capsaicin scaffold. Journal of Molecular Structure, 2015, 1088, 138-146. | 3.6 | 13 |
| 7 | Designing and exploring active Nâ€²-[(5-nitrofuran-2-yl) methylene] substituted hydrazides against three Trypanosoma cruzi strains more prevalent in Chagas disease patients. European Journal of Medicinal Chemistry, 2015, 96, 330-339. | 5.5 | 17 |
| 8 | Transcripts involved in hemostasis: Exploring salivary complexes from Haementeria vizottoi leeches through transcriptomics, phylogenetic studies and structural features. Toxicon, 2015, 106, 20-29. | 1.6 | 12 |
| 9 | Evaluation and comparison of a new DOTA and DTPA - bombesin agonist in vitro and in vivo in low and high GRPR expressing prostate and breast tumor models. Applied Radiation and Isotopes, 2015, 96, 91-101. | 1.5 | 13 |
| 10 | Mastoparan induces apoptosis in B16F10-Nex2 melanoma cells via the intrinsic mitochondrial pathway and displays antitumor activity in vivo. Peptides, 2015, 68, 113-119. | 2.4 | 55 |
| 11 | To Be Drug or Prodrug: Structure-Property Exploratory Approach Regarding Oral Bioavailability. Journal of Pharmacy and Pharmaceutical Sciences, 2014, 17, 532. | 2.1 | 14 |
| 12 | Cytotoxic effects of dillapiole on MDA-MB-231 cells involve the induction of apoptosis through the mitochondrial pathway by inducing an oxidative stress while altering the cytoskeleton network. Biochimie, 2014, 99, 195-207. | 2.6 | 25 |
| 13 | Exploring 5-nitrofuran derivatives against nosocomial pathogens: Synthesis, antimicrobial activity and chemometric analysis. Bioorganic and Medicinal Chemistry, 2014, 22, 2844-2854. | 3.0 | 29 |
| 14 | Alkylphosphocholines as Promising Antitumor Agents: Exploring the Role of Structural Features on the Hemolytic Potential. Molecular Informatics, 2014, 33, 53-64. | 2.5 | 4 |
| 15 | Novel Capsaicin Analogues as Potential Anticancer Agents: Synthesis, Biological Evaluation, and In Silico Approach. Archiv Der Pharmazie, 2014, 347, 885-895. | 4.1 | 14 |
| 16 | Structural Findings and Molecular Modeling Approach of a TFPI-Like Inhibitor. Protein and Peptide Letters, 2014, 21, 452-457. | 0.9 | 11 |
| 17 | Design and exploratory data analysis of a second generation of dendrimer prodrugs potentially antichagasic and leishmanicide. Molecular Diversity, 2013, 17, 711-720. | 3.9 | 13 |
| 18 | 5-Nitro-2-furfuriliden derivatives as potential anti-Trypanosoma cruzi agents: Design, synthesis, bioactivity evaluation, cytotoxicity and exploratory data analysis. Bioorganic and Medicinal Chemistry, 2013, 21, 5395-5406. | 3.0 | 21 |

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|---|---|---|---|
| 19 | Molecular modelling as a tool for studying the disassembly of potentially leishmanicide-targeted dendrimer. Molecular Simulation, 2013, 39, 860-867. | 2.0 | 5 |
| 20 | Rational development of novel leads from animal secretion based on coagulation and cell targets: 1. In silico analysis to explore a peptide derivative as lipocalins' signature. Toxicon, 2013, 69, 200-210. | 1.6 | 4 |
| 21 | Ligand-based design, synthesis, and experimental evaluation of novel benzofuroxan derivatives as anti-Trypanosoma cruzi agents. European Journal of Medicinal Chemistry, 2013, 64, 200-214. | 5.5 | 18 |
| 22 | RPF101, a new capsaicin-like analogue, disrupts the microtubule network accompanied by arrest in the G2/M phase, inducing apoptosis and mitotic catastrophe in the MCF-7 breast cancer cells. Toxicology and Applied Pharmacology, 2013, 266, 385-398. | 2.8 | 37 |
| 23 | Dillapiole as Antileishmanial Agent: Discovery, Cytotoxic Activity and Preliminary SAR Studies of Dillapiole Analogues. Archiv Der Pharmazie, 2012, 345, 934-944. | 4.1 | 30 |
| 24 | Preliminary in vitro evaluation of Nâ€²-(benzofuroxan-5-yl)methylene benzohydrazide derivatives as potential anti-Trypanosoma cruzi agents. MedChemComm, 2012, 3, 824. | 3.4 | 9 |
| 25 | A novel set of Î²â€‹N</i>â€‹biaryl ether sulfonamide hydroxamates as potential MMPs inhibitors: Molecular dynamics simulations and molecular properties evaluation. International Journal of Quantum Chemistry, 2012, 112, 3374-3389. | 2.0 | 4 |
| 26 | Molecular modeling approach to predict a binding mode for the complex methotrexate-carboxypeptidase G2. Journal of Molecular Modeling, 2012, 18, 1867-1875. | 1.8 | 4 |
| 27 | Molecular modeling study on the disassembly of dendrimers designed as potential antichagasic and antileishmanial prodrugs. Journal of Molecular Modeling, 2012, 18, 2257-2269. | 1.8 | 14 |
| 28 | Self-organizing maps and VolSurf approach to predict aldose reductase inhibition by flavonoid compounds. Revista Brasileira De Farmacognosia, 2011, 21, 170-180. | 1.4 | 13 |
| 29 | Synthesis, molecular modeling and preliminary biological evaluation of a set of 3-acetyl-2,5-disubstituted-2,3-dihydro-1,3,4-oxadiazole as potential antibacterial, anti-Trypanosoma cruzi and antifungal agents. Bioorganic and Medicinal Chemistry, 2011, 19, 6292-6301. | 3.0 | 35 |
| 30 | Molecular modeling and QSAR studies of a set of indole and benzimidazole derivatives as H4 receptor antagonists. Journal of Molecular Modeling, 2011, 17, 921-928. | 1.8 | 9 |
| 31 | Novel benzofuroxan derivatives against multidrug-resistant Staphylococcus aureus strains: Design using Toplissâ€™ decision tree, synthesis and biological assay. Bioorganic and Medicinal Chemistry, 2011, 19, 5031-5038. | 3.0 | 23 |
| 32 | 4D-QSAR: Perspectives in Drug Design. Molecules, 2010, 15, 3281-3294. | 3.8 | 83 |
| 33 | Molecular modeling as a promising tool to study dendrimer prodrugs delivery. Computational and Theoretical Chemistry, 2010, 939, 133-138. | 1.5 | 17 |
| 34 | Molecular modeling studies and in vitro bioactivity evaluation of a set of novel 5-nitro-heterocyclic derivatives as anti-T. cruzi agents. Bioorganic and Medicinal Chemistry, 2009, 17, 2673-2679. | 3.0 | 18 |
| 35 | Design, synthesis, antimicrobial activity and molecular modeling studies of novel benzofuroxan derivatives against Staphylococcus aureus. Bioorganic and Medicinal Chemistry, 2009, 17, 3028-3036. | 3.0 | 47 |
| 36 | LQTA-QSAR: A New 4D-QSAR Methodology. Journal of Chemical Information and Modeling, 2009, 49, 1428-1436. | 5.4 | 70 |

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|---|---|---|---|
| 37 | Rational Design and 3D-Pharmacophore Mapping of 5â€²-Thiourea-Substituted Î±-Thymidine Analogues as Mycobacterial TMPK Inhibitors. Journal of Chemical Information and Modeling, 2009, 49, 1070-1078. | 5.4 | 33 |
| 38 | Fragment-based and classical quantitative structureâ€“activity relationships for a series of hydrazides as antituberculosis agents. Molecular Diversity, 2008, 12, 47-59. | 3.9 | 24 |
| 39 | A study of physicochemical and biopharmaceutical properties of Amoxicillin tablets using full factorial design and PCA biplot. Analytica Chimica Acta, 2007, 595, 216-220. | 5.4 | 10 |
| 40 | Application of a Receptor Pruning Methodology to the Enoyl-ACP Reductase fromEscherichia coli (FabI). QSAR and Combinatorial Science, 2006, 25, 629-636. | 1.4 | 15 |
| 41 | Molecular dynamics simulations of a set of isoniazid derivatives bound to InhA, the enoyl-acp reductase fromM. tuberculosis. International Journal of Quantum Chemistry, 2006, 106, 2689-2699. | 2.0 | 3 |
| 42 | Rational Design of New Antituberculosis Agents:Â Receptor-Independent Four-Dimensional Quantitative Structureâ^'Activity Relationship Analysis of a Set of Isoniazid Derivatives. Journal of Medicinal Chemistry, 2004, 47, 3755-3764. | 6.4 | 53 |
| 43 | An Approach for the Rational Design of New Antituberculosis Agents. Current Drug Targets, 2001, 2, 427-437. | 2.1 | 32 |