Maria Galvez-Llompart

List of Publications by Year
in descending order

40 papers	499 citations	777949 13 h-index	843174 20 g-index
40 all docs	40 docs citations	40 times ranked	540 citing authors

#	Article	IF	Citations
1	How Molecular Topology Can Help in Amyotrophic Lateral Sclerosis (ALS) Drug Development: A Revolutionary Paradigm for a Merciless Disease. Pharmaceuticals, 2022, 15, 94.	1.7	2
2	COVID-19 and the Importance of Being Prepared: A Multidisciplinary Strategy for the Discovery of Antivirals to Combat Pandemics. Biomedicines, 2022, 10, 1342.	1.4	2
3	Macrolides May Prevent Severe Acute Respiratory Syndrome Coronavirus 2 Entry into Cells: A Quantitative Structure Activity Relationship Study and Experimental Validation. Journal of Chemical Information and Modeling, 2021, 61, 2016-2025.	2.5	13
4	Targeting the JAK/STAT Pathway: A Combined Ligand- and Target-Based Approach. Journal of Chemical Information and Modeling, 2021, 61, 3091-3108.	2.5	8
5	Computational analysis of macrolides as SARS-CoV-2 main protease inhibitors: a pattern recognition study based on molecular topology and validated by molecular docking. New Journal of Chemistry, 2021, 45, 8654-8675.	1.4	2
6	Identification of New Templates for the Synthesis of BEA, BEC, and ISV Zeolites Using Molecular Topology and Monte Carlo Techniques. Journal of Chemical Information and Modeling, 2020, 60, 2819-2829.	2.5	5
7	What place does molecular topology have in todayâ€™s drug discovery?. Expert Opinion on Drug Discovery, 2020, 15, 1133-1144.	2.5	18
8	Molecular Topology QSAR Strategy for Crop Protection: New Natural Fungicides with Chitin Inhibitory Activity. ACS Omega, 2020, 5, 16358-16365.	1.6	4
9	DesMol2, an Effective Tool for the Construction of Molecular Libraries and Its Application to QSAR Using Molecular Topology. Molecules, 2019, 24, 736.	1.7	3
10	Computational screening of structure directing agents for the synthesis of zeolites. A simplified model. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 451-460.	0.4	16
11	Molecular topology and QSAR multi-target analysis to boost the in silico research for fungicides in agricultural chemistry. Molecular Diversity, 2019, 23, 371-379.	2.1	7
12	Alzheimer: A Decade of Drug Design. Why Molecular Topology can be an Extra Edge?. Current Neuropharmacology, 2018, 16, 849-864.	1.4	7
13	Molecular topology: A new strategy for antimicrobial resistance control. European Journal of Medicinal Chemistry, 2017, 137, 233-246.	2.6	11
14	Molecular topology: a strategy to identify novel compounds against ulcerative colitis. Molecular Diversity, 2017, 21, 219-234.	2.1	5
15	Molecular Topology as a Powerful Tool for Searching for New Repellents and Novel Drugs against Diseases Transmitted by Mosquitoes. , 2017, , 107-138.		1
16	Biodegradability Prediction of Fragrant Molecules by Molecular Topology. ACS Sustainable Chemistry and Engineering, 2016, 4, 4224-4231.	3.2	17
17	Predicting antiprotozoal activity of benzyl phenyl ether diamine derivatives through QSAR multi-target and molecular topology. Molecular Diversity, 2015, 19, 357-366.	2.1	12
18	Latest advances in molecular topology applications for drug discovery. Expert Opinion on Drug Discovery, 2015, 10, 945-957.	2.5	34

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19	Novel Cancer Chemotherapy Hits by Molecular Topology: Dual Akt and Beta-Catenin Inhibitors. PLoS ONE, 2015, 10, e0124244.	1.1	14
20	Molecular Topology Applied to the Discovery of 1-Benzyl-2-(3-fluorophenyl)-4-hydroxy-3-(3-phenylpropanoyl)-2H-pyrrole-5-one as a Non-Ligand-Binding-Pocket Antiandrogen. Journal of Chemical Information and Modeling, 2014, 54, 2953-2966.	2.5	11
21	The Prediction of Human Intestinal Absorption Based on the Molecular Structure. Current Drug Metabolism, 2014, 15, 380-388.	0.7	4
22	QSAR Multi-Target in Drug Discovery: A Review. Current Computer-Aided Drug Design, 2014, 10, 129-136.	0.8	27
23	Novel potential agents for ulcerative colitis by molecular topology: suppression of IL-6 production in Caco-2 and RAW 264.7 cell lines. Molecular Diversity, 2013, 17, 573-593.	2.1	20
24	Molecular topology â€“ dissimilar similarities. Drug Discovery Today: Technologies, 2013, 10, e475-e481.	4.0	10
25	Selection of nutraceutical compounds as COX inhibitors by molecular topology. Medicinal Chemistry Research, 2013, 22, 3466-3477.	1.1	2
26	QSAR methods for the discovery of new inflammatory bowel disease drugs. Expert Opinion on Drug Discovery, 2013, 8, 933-949.	2.5	8
27	Advances in the molecular modeling and quantitative structureâ€“activity relationship-based design for antihistamines. Expert Opinion on Drug Discovery, 2013, 8, 305-317.	2.5	5
28	Predicting Dyspnea Inducers by Molecular Topology. Journal of Chemistry, 2013, 2013, 1-11.	0.9	2
29	Modeling Anti-Allergic Natural Compounds by Molecular Topology. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 628-635.	0.6	11
30	Molecular topology as a novel approach for drug discovery. Expert Opinion on Drug Discovery, 2012, 7, 133-153.	2.5	18
31	Modeling Drug-Induced Anorexia by Molecular Topology. Journal of Chemical Information and Modeling, 2012, 52, 1337-1344.	2.5	9
32	Introduction to Molecular Topology: Basic Concepts and Application to Drug Design. Current Computer-Aided Drug Design, 2012, 8, 196-223.	0.8	15
33	Modeling Natural Anti-Inflammatory Compounds by Molecular Topology. International Journal of Molecular Sciences, 2011, 12, 9481-9503.	1.8	35
34	Application of Molecular Topology for the Prediction of Reaction Yields and Anti-Inflammatory Activity of Heterocyclic Amidine Derivatives. International Journal of Molecular Sciences, 2011, 12, 1281-1292.	1.8	10
35	Chemistry Explained by Topology: An Alternative Approach. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 279-283.	0.6	7
36	Discovery of novel anti-inflammatory drug-like compounds by aligning in silico and inÂvivo screening: The nitroindazolinone chemotype. European Journal of Medicinal Chemistry, 2011, 46, 5736-5753.	2.6	39

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37	Topological virtual screening: a way to find new compounds active in ulcerative colitis by inhibiting NF-Î°B. Molecular Diversity, 2011, 15, 917-926.	2.1	44
38	Application of molecular topology for the prediction of the reaction times and yields under solvent-free conditions. Green Chemistry, 2010, 12, 1056.	4.6	27
39	Application of Molecular Topology to the Search of Novel NSAIDs: Experimental Validation of Activity. Letters in Drug Design and Discovery, 2010, 7, 438-445.	0.4	14
40	Application of Molecular Topology to the Prediction of Water Quality Indices of Alkylphenol Pollutants. , 0, , 1-10.		0