

# Maria N Modica

## List of Publications by Year in descending order

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36  
papers

917  
citations

393982

19  
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454577

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docs citations

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times ranked

1336  
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#	ARTICLE	IF	CITATIONS
1	Examination of the Novel Sigma-1 Receptor Antagonist, SI 1/28, for Antinociceptive and Anti-allodynic Efficacy against Multiple Types of Nociception with Fewer Liabilities of Use. <i>International Journal of Molecular Sciences</i> , 2022, 23, 615.	1.8	3
2	Development of New Benzylpiperazine Derivatives as $\sigma_1$ Receptor Ligands with <i>in Vivo</i> Antinociceptive and Anti-Allodynic Effects. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2003-2012.	1.7	7
3	Recent Advances in the Development of Sigma Receptor Ligands as Cytotoxic Agents: A Medicinal Chemistry Perspective. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7926-7962.	2.9	35
4	Mutual Prodrugs of 5-Fluorouracil: From a Classic Chemotherapeutic Agent to Novel Potential Anticancer Drugs. <i>ChemMedChem</i> , 2021, 16, 3496-3512.	1.6	26
5	In Vitro Antioxidant and Anti-Glycation Activity of Resveratrol and Its Novel Triester with Trolox. <i>Antioxidants</i> , 2021, 10, 12.	2.2	13
6	Synthesis and Molecular Modelling Studies of New 1,3-Diaryl-5-Oxo-Proline Derivatives as Endothelin Receptor Ligands. <i>Molecules</i> , 2020, 25, 1851.	1.7	2
7	Strategies to Improve Resveratrol Systemic and Topical Bioavailability: An Update. <i>Antioxidants</i> , 2019, 8, 244.	2.2	85
8	[1]Benzothieno[3,2-d]pyrimidine derivatives as ligands for the serotonergic 5-HT <sub>7</sub> receptor. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111690.	2.6	4
9	Synthesis, <i>in vitro</i> and <i>in vivo</i> characterization of new benzoxazole and benzothiazole-based sigma receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 226-235.	2.6	21
10	Solid Lipid Nanoparticles Loading Idebenone Ester with Pyroglutamic Acid: In Vitro Antioxidant Activity and In Vivo Topical Efficacy. <i>Nanomaterials</i> , 2019, 9, 43.	1.9	29
11	Structure-Activity Relationships and Therapeutic Potentials of 5-HT <sub>7</sub> Receptor Ligands: An Update. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8475-8503.	2.9	39
12	Novel Structural Insight into Inhibitors of Heme Oxygenase-1 (HO-1) by New Imidazole-Based Compounds: Biochemical and In Vitro Anticancer Activity Evaluation. <i>Molecules</i> , 2018, 23, 1209.	1.7	38
13	S2RSLDB: a comprehensive manually curated, internet-accessible database of the sigma-2 receptor selective ligands. <i>Journal of Cheminformatics</i> , 2017, 9, 3.	2.8	27
14	New N- and O-arylpiperazinylalkyl pyrimidines and 2-methylquinazolines derivatives as 5-HT <sub>7</sub> and 5-HT <sub>1A</sub> receptor ligands: Synthesis, structure-activity relationships, and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1250-1259.	1.4	21
15	Comprehensive data on a 2D-QSAR model for Heme Oxygenase isoform 1 inhibitors. <i>Data in Brief</i> , 2017, 15, 281-299.	0.5	32
16	Heme Oxygenase Database (HemeOxDB) and QSAR Analysis of Isoform-1 Inhibitors. <i>ChemMedChem</i> , 2017, 12, 1873-1881.	1.6	32
17	In Vitro Antioxidant Activity of Idebenone Derivative-Loaded Solid Lipid Nanoparticles. <i>Molecules</i> , 2017, 22, 887.	1.7	13
18	Synthesis and Experimental Validation of New Designed Heterocyclic Compounds with Antiproliferative Activity versus Breast Cancer Cell Lines MCF-7 and MDA-MB-231. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	0.9	4

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19	Novel Caffeic Acid Phenethyl Ester (Cape) Analogues as Inducers of Heme Oxygenase-1. <i>Current Pharmaceutical Design</i> , 2017, 23, 2657-2664.	0.9	40
20	Design and synthesis of new homo and hetero bis-piperazinyl-1-propanone derivatives as 5-HT <sub>7</sub> R selective ligands over 5-HT <sub>1A</sub> R. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4052-4056.	1.0	18
21	Synthesis and binding properties of new long-chain 4-substituted piperazine derivatives as 5-HT <sub>1A</sub> and 5-HT <sub>7</sub> receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1427-1430.	1.0	22
22	Effects of novel hybrids of caffeic acid phenethyl ester and NSAIDs on experimental ocular inflammation. <i>European Journal of Pharmacology</i> , 2015, 752, 78-83.	1.7	20
23	Analysis of mechanisms for memory enhancement using novel and potent 5-HT <sub>1A</sub> receptor ligands. <i>European Neuropsychopharmacology</i> , 2015, 25, 1314-1323.	0.3	6
24	Novel imidazole derivatives as heme oxygenase-1 (HO-1) and heme oxygenase-2 (HO-2) inhibitors and their cytotoxic activity in human-derived cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 162-172.	2.6	53
25	Synthesis and Endothelin Receptors Binding Affinity of New 1,3,5- Substituted Pyrrole-2-Carboxylic Acid Derivatives. <i>Medicinal Chemistry</i> , 2015, 11, 109-117.	0.7	1
26	Antioxidant Activity and Phenolic Content of Microwave-Assisted <i>Solanum melongena</i> Extracts. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	32
27	Structure-activity relationships and molecular modeling studies of novel arylpiperazinylalkyl 2-benzoxazolones and 2-benzothiazolones as 5-HT <sub>7</sub> and 5-HT <sub>1A</sub> receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 716-726.	2.6	33
28	High affinity ligands and potent antagonists for the $\alpha$ <sub>1D</sub> -adrenergic receptor. Novel 3,8-disubstituted [1]benzothieno[3,2-d]pyrimidine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 419-432.	2.6	9
29	Antitumor properties of substituted (1±E)-1±-(1H-indol-3-ylmethylene)benzeneacetic acids or amides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5233-5245.	1.4	8
30	Evaluation of novel aryloxyalkyl derivatives of imidazole and 1,2,4-triazole as heme oxygenase-1 (HO-1) inhibitors and their antitumor properties. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5145-5153.	1.4	63
31	Evaluation of Imidazole-Based Compounds as Heme Oxygenase-1 Inhibitors. <i>Chemical Biology and Drug Design</i> , 2012, 80, 876-886.	1.5	30
32	Novel inhibitors of nitric oxide synthase with antioxidant properties. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 118-126.	2.6	31
33	Synthesis and molecular modeling of 1H-pyrrolopyrimidine-2,4-dione derivatives as ligands for the $\alpha$ <sub>1</sub> -adrenoceptors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5260-5276.	1.4	21
34	Novel 4-phenylpiperidine-2,6-dione derivatives. Ligands for $\alpha$ <sub>1</sub> -adrenoceptor subtypes. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2676-2690.	2.6	17
35	Synthesis and Receptor Binding of New Thieno[2,3-d]pyrimidines as Selective Ligands of 5-HT <sub>3</sub> Receptors. <i>Archiv Der Pharmazie</i> , 2008, 341, 333-343.	2.1	5
36	Synthesis of New Arylpiperazinylalkylthiobenzimidazole, Benzothiazole, or Benzoxazole Derivatives as Potent and Selective 5-HT <sub>1A</sub> Serotonin Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4529-4538.	2.9	77