# Alessandra Bisi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9413392/publications.pdf

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| 89 | 3,238 | 136950 | 161849 |
|---|---|---|---|
| papers | citations | 32 h-index | 54 g-index |

| 90 | 90 | 90 | 4301 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Natural-like Chalcones with Antitumor Activity on Human MG63 Osteosarcoma Cells. Molecules, 2022, 27, 3751. | 3.8 | 1 |
| 2 | Tackling Alzheimerâ€™s Disease with Existing Drugs: A Promising Strategy for Bypassing Obstacles. Current Medicinal Chemistry, 2021, 28, 2305-2327. | 2.4 | 4 |
| 3 | New Coumarin Derivatives as Cholinergic and Cannabinoid System Modulators. Molecules, 2021, 26, 3254. | 3.8 | 8 |
| 4 | Flavonoid-Inspired Vascular Disrupting Agents: Exploring Flavone-8-Acetic Acid and Derivatives in the New Century. Molecules, 2021, 26, 4228. | 3.8 | 10 |
| 5 | Improved eradication efficacy of a combination of newly identified antimicrobial agents in C.Âalbicans and S.Âaureus mixed-species biofilm. Research in Microbiology, 2021, 172, 103873. | 2.1 | 8 |
| 6 | Balanced dual acting compounds targeting aromatase and estrogen receptor Î± as an emerging therapeutic opportunity to counteract estrogen responsive breast cancer. European Journal of Medicinal Chemistry, 2021, 224, 113733. | 5.5 | 11 |
| 7 | Multifaceted activity of polyciclic MDR revertant agents in drug-resistant leukemic cells: Role of the spacer. Bioorganic Chemistry, 2021, 106, 104460. | 4.1 | 5 |
| 8 | Interplay Between Endocannabinoid System and Neurodegeneration: Focus on Polypharmacology. Current Medicinal Chemistry, 2021, 28, . | 2.4 | 2 |
| 9 | Novel Curcumin-Diethyl Fumarate Hybrid as a Dualistic GSK-3Î² Inhibitor/Nrf2 Inducer for the Treatment of Parkinsonâ€™s Disease. ACS Chemical Neuroscience, 2020, 11, 2728-2740. | 3.5 | 28 |
| 10 | Reconsidering Aromatase for Breast Cancer Treatment: New Roles for an Old Target. Molecules, 2020, 25, 5351. | 3.8 | 19 |
| 11 | Targeting Orthosteric and Allosteric Pockets of Aromatase via Dual-Mode Novel Azole Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 732-739. | 2.8 | 18 |
| 12 | Curcumin-1,2,3-Triazole Conjugation for Targeting the Cancer Apoptosis Machinery. Molecules, 2020, 25, 3066. | 3.8 | 14 |
| 13 | Targeting the Bacterial Membrane with a New Polycyclic Privileged Structure: A Powerful Tool To Face Staphylococcus aureus Infections. ACS Infectious Diseases, 2019, 5, 1524-1534. | 3.8 | 8 |
| 14 | Functionalization of the Chalcone Scaffold for the Discovery of Novel Lead Compounds Targeting Fungal Infections. Molecules, 2019, 24, 372. | 3.8 | 12 |
| 15 | Discovery of novel benzofuran-based compounds with neuroprotective and immunomodulatory properties for Alzheimer's disease treatment. European Journal of Medicinal Chemistry, 2019, 178, 243-258. | 5.5 | 32 |
| 16 | Identification of a new tamoxifen-xanthene hybrid as pro-apoptotic anticancer agent. Bioorganic Chemistry, 2019, 86, 538-549. | 4.1 | 17 |
| 17 | Polycyclic Maleimide-based Scaffold as New Privileged Structure for Navigating the Cannabinoid System Opportunities. ACS Medicinal Chemistry Letters, 2019, 10, 596-600. | 2.8 | 6 |
| 18 | Benzophenones as xanthone-open model CYP11B1 inhibitors potentially useful for promoting wound healing. Bioorganic Chemistry, 2019, 86, 401-409. | 4.1 | 10 |

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|---|---|---|---|
| 19 | Polycyclic maleimide-based derivatives as first dual modulators of neuronal calcium channels and GSK-3Î² for Alzheimer's disease treatment. European Journal of Medicinal Chemistry, 2019, 163, 394-402. | 5.5 | 18 |
| 20 | A Computational Assay of Estrogen Receptor Î± Antagonists Reveals the Key Common Structural Traits of Drugs Effectively Fighting Refractory Breast Cancers. Scientific Reports, 2018, 8, 649. | 3.3 | 57 |
| 21 | Identification of chalcone-based antileishmanial agents targeting trypanothione reductase. European Journal of Medicinal Chemistry, 2018, 152, 527-541. | 5.5 | 57 |
| 22 | Cardiovascular Profile of Xanthone-Based 1,4 Dihydropyridines Bearing a Lidoflazine Pharmacophore Fragment. Molecules, 2018, 23, 3088. | 3.8 | 4 |
| 23 | Exploiting the Chalcone Scaffold to Develop Multifunctional Agents for Alzheimerâ€™s Disease. Molecules, 2018, 23, 1902. | 3.8 | 22 |
| 24 | Dual BACE-1/GSK-3Î² Inhibitors to Combat Alzheimer's Disease: A Focused Review. Current Topics in Medicinal Chemistry, 2018, 17, 3361-3369. | 2.1 | 23 |
| 25 | Coumarin derivatives as potential antitumor agents: Growth inhibition, apoptosis induction and multidrug resistance reverting activity. European Journal of Medicinal Chemistry, 2017, 127, 577-585. | 5.5 | 56 |
| 26 | Chalcone-based carbamates for Alzheimerâ€™s disease treatment. Future Medicinal Chemistry, 2017, 9, 749-764. | 2.3 | 26 |
| 27 | Recent progress on curcumin-based therapeutics: a patent review (2012-2016). Part II: curcumin derivatives in cancer and neurodegeneration. Expert Opinion on Therapeutic Patents, 2017, 27, 953-965. | 5.0 | 30 |
| 28 | Recent progress on curcumin-based therapeutics: a patent review (2012-2016). Part I: Curcumin. Expert Opinion on Therapeutic Patents, 2017, 27, 579-590. | 5.0 | 29 |
| 29 | Drifting of heme-coordinating group in imidazolylmethylxanthones leading to improved selective inhibition of CYP11B1. European Journal of Medicinal Chemistry, 2017, 139, 60-67. | 5.5 | 7 |
| 30 | Naturally Inspired Molecules as Multifunctional Agents for Alzheimerâ€™s Disease Treatment. Molecules, 2016, 21, 643. | 3.8 | 14 |
| 31 | Multitarget Strategy to Address Alzheimer's Disease: Design, Synthesis, Biological Evaluation, and Computational Studies of Coumarinâ€Based Derivatives. ChemMedChem, 2016, 11, 1296-1308. | 3.2 | 20 |
| 32 | Targeting Steroidogenic Cytochromes P450 (CYPs) with 6â€Substituted 1â€Imidazolylmethylxanthones. ChemMedChem, 2016, 11, 1770-1777. | 3.2 | 5 |
| 33 | Fatty Acid Amide Hydrolase (FAAH), Acetylcholinesterase (AChE), and Butyrylcholinesterase (BuChE): Networked Targets for the Development of Carbamates as Potential Anti-Alzheimerâ€™s Disease Agents. Journal of Medicinal Chemistry, 2016, 59, 6387-6406. | 6.4 | 66 |
| 34 | Exploiting the Chromone Scaffold for the Development of Inhibitors of Corticosteroid Biosynthesis. Journal of Medicinal Chemistry, 2016, 59, 2468-2477. | 6.4 | 21 |
| 35 | Versatility of the Curcumin Scaffold: Discovery of Potent and Balanced Dual BACE-1 and GSK-3Î² Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 531-544. | 6.4 | 100 |
| 36 | Design, synthesis and biological profile of new inhibitors of multidrug resistance associated proteins carrying a polycyclic scaffold. European Journal of Medicinal Chemistry, 2015, 92, 471-480. | 5.5 | 24 |

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| 37 | From AChE to BACE1 inhibitors: The role of the amine on the indanone scaffold. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2804-2808. | 2.2 | 27 |
| 38 | Nonsteroidal Aromatase Inhibitors for the Treatment of Breast Cancer: An Update. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 54-65. | 1.7 | 27 |
| 39 | Fluorinated benzophenone derivatives: Balanced multipotent agents for Alzheimer's disease. European Journal of Medicinal Chemistry, 2014, 78, 157-166. | 5.5 | 21 |
| 40 | Design, Synthesis, and Biological and Crystallographic Evaluation of Novel Inhibitors of Plasmodium falciparum Enoyl-ACP-reductase (PfFabI). Journal of Medicinal Chemistry, 2013, 56, 7516-7526. | 6.4 | 27 |
| 41 | Small-molecule inhibitors/modulators of amyloid-Î² peptide aggregation and toxicity for the treatment of Alzheimer's disease: a patent review (2010 â€“ 2012). Expert Opinion on Therapeutic Patents, 2013, 23, 581-596. | 5.0 | 56 |
| 42 | Modulation of Cytochromes P450 with Xanthone-Based Molecules: From Aromatase to Aldosterone Synthase and Steroid 11Î²-Hydroxylase Inhibition. Journal of Medicinal Chemistry, 2013, 56, 1723-1729. | 6.4 | 39 |
| 43 | Emerging Targets in Neurodegeneration: New Opportunities for Alzheimer's Disease Treatment?. Current Topics in Medicinal Chemistry, 2013, 13, 1879-1904. | 2.1 | 18 |
| 44 | Editorial (Thematic Issue: New Approaches to the Treatment of Alzheimer's Disease). Current Topics in Medicinal Chemistry, 2013, 13, 1743-1744. | 2.1 | 0 |
| 45 | Design of Multifunctional Compounds for Cardiovascular Disease: From Natural Scaffolds to â€œClassicalâ€•Multitarget Approach. Current Medicinal Chemistry, 2013, 20, 1759-1782. | 2.4 | 12 |
| 46 | 2-Arylbenzofuran-based molecules as multipotent Alzheimer's disease modifying agents. European Journal of Medicinal Chemistry, 2012, 58, 519-532. | 5.5 | 56 |
| 47 | The First Dual ChE/FAAH Inhibitors: New Perspectives for Alzheimer's Disease?. ACS Medicinal Chemistry Letters, 2012, 3, 182-186. | 2.8 | 38 |
| 48 | Hybrid-Based Multi-Target Ligands for the Treatment of Alzheimer's Disease. Current Topics in Medicinal Chemistry, 2011, 11, 2716-2730. | 2.1 | 56 |
| 49 | Multi-target strategy to address Alzheimerâ€™s disease: Design, synthesis and biological evaluation of new tacrine-based dimers. European Journal of Medicinal Chemistry, 2011, 46, 4336-4343. | 5.5 | 37 |
| 50 | Benzophenone-based derivatives: A novel series of potent and selective dual inhibitors of acetylcholinesterase and acetylcholinesterase-induced beta-amyloid aggregation. European Journal of Medicinal Chemistry, 2011, 46, 1682-1693. | 5.5 | 43 |
| 51 | Novel Highly Potent and Selective Nonsteroidal Aromatase Inhibitors: Synthesis, Biological Evaluation and Structureâ^'Activity Relationships Investigation. Journal of Medicinal Chemistry, 2010, 53, 5347-5351. | 6.4 | 52 |
| 52 | Structureâ€“Activity Relationships and Binding Mode in the Human Acetylcholinesterase Active Site of Pseudoâ€Irreversible Inhibitors Related to Xanthostigmine. ChemMedChem, 2009, 4, 670-679. | 3.2 | 26 |
| 53 | Design, synthesis, and evaluation of benzophenone derivatives as novel acetylcholinesterase inhibitors. European Journal of Medicinal Chemistry, 2009, 44, 1341-1348. | 5.5 | 32 |
| 54 | Anthracene Based Compounds as New L-type Ca<sup>2+</sup> Channel Blockers: Design, Synthesis, and Full Biological Profile. Journal of Medicinal Chemistry, 2009, 52, 1259-1262. | 6.4 | 14 |

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| 55 | Multidrug resistance reverting activity and antitumor profile of new phenothiazine derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 6474-6482. | 3.0 | 51 |
| 56 | Novel Aldosterone Synthase Inhibitors with Extended Carbocyclic Skeleton by a Combined Ligand-Based and Structure-Based Drug Design Approach. Journal of Medicinal Chemistry, 2008, 51, 6138-6149. | 6.4 | 68 |
| 57 | Benzofuran-Based Hybrid Compounds for the Inhibition of Cholinesterase Activity, Î² Amyloid Aggregation, and AÎ² Neurotoxicity. Journal of Medicinal Chemistry, 2008, 51, 2883-2886. | 6.4 | 181 |
| 58 | The ability of coumarin-, flavanon- and flavonol-analogues of flavone acetic acid to stimulate human monocytes. Oncology Reports, 2008, , . | 2.6 | 3 |
| 59 | From Nonsteroidal Aromatase Inhibitors to Multifunctional Drug Candidates: Classic and Innovative Strategies for the Treatment of Breast Cancer. Current Topics in Medicinal Chemistry, 2008, 8, 869-887. | 2.1 | 15 |
| 60 | The ability of coumarin-, flavanon- and flavonol-analogues of flavone acetic acid to stimulate human monocytes. Oncology Reports, 2008, 19, 187-96. | 2.6 | 1 |
| 61 | Imidazolylmethylbenzophenones as Highly Potent Aromatase Inhibitors. Journal of Medicinal Chemistry, 2007, 50, 3420-3422. | 6.4 | 64 |
| 62 | Extensive SAR and Computational Studies of 3-{4-[(Benzylmethylamino)methyl]phenyl}-6,7-dimethoxy-2H-2-chromenone (AP2238) Derivatives. Journal of Medicinal Chemistry, 2007, 50, 4250-4254. | 6.4 | 78 |
| 63 | Cholinesterase inhibitors: SAR and enzyme inhibitory activity of 3-[Ï‰-(benzylmethylamino)alkoxy]xanthen-9-ones. Bioorganic and Medicinal Chemistry, 2007, 15, 575-585. | 3.0 | 65 |
| 64 | Lead Optimization Providing a Series of Flavone Derivatives as Potent Nonsteroidal Inhibitors of the Cytochrome P450 Aromatase Enzyme. Journal of Medicinal Chemistry, 2006, 49, 4777-4780. | 6.4 | 88 |
| 65 | New Potent P-Glycoprotein Inhibitors Carrying a Polycyclic Scaffold. Journal of Medicinal Chemistry, 2006, 49, 3049-3051. | 6.4 | 16 |
| 66 | New derivatives of xanthenone-4-acetic acid: Synthesis, pharmacological profile and effect on TNF-Î± and NO production by human immune cells. Bioorganic and Medicinal Chemistry, 2006, 14, 4101-4109. | 3.0 | 12 |
| 67 | 1,4-Dihydropyridine derivatives as calcium channel modulators: the role of 3-methoxy-flavone moiety. Bioorganic and Medicinal Chemistry, 2005, 13, 3423-3430. | 3.0 | 39 |
| 68 | Homopterocarpanes as bridged triarylethylene analogues: synthesis and antagonistic effects in human MCF-7 breast cancer cells. Il Farmaco, 2005, 60, 135-147. | 0.9 | 22 |
| 69 | Enantioselective Nonsteroidal Aromatase Inhibitors Identified through a Multidisciplinary Medicinal Chemistry Approach. Journal of Medicinal Chemistry, 2005, 48, 7282-7289. | 6.4 | 64 |
| 70 | Cholinesterase Inhibitors:Â Xanthostigmine Derivatives Blocking the Acetylcholinesterase-Induced Î²-Amyloid Aggregation. Journal of Medicinal Chemistry, 2005, 48, 4444-4456. | 6.4 | 86 |
| 71 | Mono- or di-fluorinated analogues of flavone-8-acetic acid: synthesis and in vitro biological activity. Anticancer Research, 2005, 25, 1179-85. | 1.1 | 3 |
| 72 | Cardiovascular hybrid drugs: new benzazepinone derivatives as bradycardic agents endowed with selective Î² 1 -Non-competitive antagonism. Bioorganic and Medicinal Chemistry, 2003, 11, 1353-1361. | 3.0 | 33 |

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| 73 | 3-(4-{[Benzyl(methyl)amino]methyl}phenyl)-6,7-dimethoxy-2H-2-chromenone (AP2238) Inhibits Both Acetylcholinesterase and Acetylcholinesterase-Induced Î²-Amyloid Aggregation:Â A Dual Function Lead for Alzheimer's Disease TherapyÂ§. Journal of Medicinal Chemistry, 2003, 46, 2279-2282. | 6.4 | 259 |
| 74 | Synthesis and Biological Evaluation of 3-Alkoxy Analogues of Flavone-8-acetic AcidÂ§. Journal of Medicinal Chemistry, 2003, 46, 3662-3669. | 6.4 | 40 |
| 75 | Synthesis and Antitumor Activity of New Derivatives of Xanthen-9-one-4-acetic Acid. Journal of Medicinal Chemistry, 2002, 45, 4931-4939. | 6.4 | 28 |
| 76 | A New Class of Nonsteroidal Aromatase Inhibitors:Â Design and Synthesis of Chromone and Xanthone Derivatives and Inhibition of the P450 Enzymes Aromatase and 17Î±-Hydroxylase/C17,20-Lyase. Journal of Medicinal Chemistry, 2001, 44, 672-680. | 6.4 | 122 |
| 77 | Synthesis and Structureâ^'Activity Relationships of Cetiedil Analogues as Blockers of the Ca2+-Activated K+ Permeability of Erythrocytes. Journal of Medicinal Chemistry, 2001, 44, 3244-3253. | 6.4 | 12 |
| 78 | Acetylcholinesterase Inhibitors:Â SAR and Kinetic Studies on Ï‰-[N-Methyl-N-(3-alkylcarbamoyloxyphenyl)methyl]aminoalkoxyaryl Derivatives. Journal of Medicinal Chemistry, 2001, 44, 3810-3820. | 6.4 | 65 |
| 79 | Antimicrotubular and cytotoxic activity of geiparvarin analogues, alone and in combination with paclitaxel. Cell Biochemistry and Function, 2001, 19, 181-189. | 2.9 | 2 |
| 80 | Acetylcholinesterase inhibitors for potential use in Alzheimer's disease: molecular modeling, synthesis and kinetic evaluation of 11 H -indeno-[1,2- b ]-quinolin-10-ylamine derivatives. Bioorganic and Medicinal Chemistry, 2000, 8, 497-506. | 3.0 | 88 |
| 81 | Synthesis and biological activity of some rigid analogues of flavone-8-acetic acid. Bioorganic and Medicinal Chemistry, 2000, 8, 239-246. | 3.0 | 80 |
| 82 | SAR of 9-Amino-1,2,3,4-tetrahydroacridine-Based Acetylcholinesterase Inhibitors:Â Synthesis, Enzyme Inhibitory Activity, QSAR, and Structure-Based CoMFA of Tacrine Analogues. Journal of Medicinal Chemistry, 2000, 43, 2007-2018. | 6.4 | 142 |
| 83 | A Simple One-Pot Synthesis of Isoflavanones. Synthetic Communications, 1999, 29, 3895-3899. | 2.1 | 12 |
| 84 | Coumarin 1,4-Dihydropyridine Derivatives. Bioorganic and Medicinal Chemistry, 1998, 6, 803-810. | 3.0 | 9 |
| 85 | Selective cardiodepressant activity of fluodipine, a fluorenone-1,4-dihydropyridine derivative. European Journal of Pharmacology, 1998, 359, 161-170. | 3.5 | 8 |
| 86 | Acetylcholinesterase Inhibitors:â€‰ Synthesis and Structureâ^'Activity Relationships of Ï‰-[N-Methyl-N-(3-alkylcarbamoyloxyphenyl)- methyl]aminoalkoxyheteroaryl Derivatives. Journal of Medicinal Chemistry, 1998, 41, 3976-3986. | 6.4 | 73 |
| 87 | Acetylcholinesterase inhibition by tacrine analogues. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2599-2602. | 2.2 | 30 |
| 88 | Synthesis and Bone Resorption Effect of Alkoxy-Substituted Xanthones. Archiv Der Pharmazie, 1997, 330, 233-234. | 4.1 | 2 |
| 89 | 1,4-Dihydropyridines bearing a pharmacophoric fragment of lidoflazine. Bioorganic and Medicinal Chemistry, 1996, 4, 1629-1635. | 3.0 | 4 |