

# Nunzio Denora

## List of Publications by Year in descending order

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150  
papers

4,126  
citations

101543

36  
h-index

168389

53  
g-index

152  
all docs

152  
docs citations

152  
times ranked

5872  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Characterization and evaluation of chitosan nanoparticles for dopamine brain delivery. <i>International Journal of Pharmaceutics</i> , 2011, 419, 296-307.   | 5.2  | 183       |
| 2  | New strategies to deliver anticancer drugs to brain tumors. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 1017-1032.   | 5.0  | 179       |
| 3  | Recent Advances in Medicinal Chemistry and Pharmaceutical Technology- Strategies for Drug Delivery to the Brain. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 182-196.  | 2.1  | 95        |
| 4  | 2-Phenyl-imidazo[1,2- <i>a</i> ]pyridine Compounds Containing Hydrophilic Groups as Potent and Selective Ligands for Peripheral Benzodiazepine Receptors: Synthesis, Binding Affinity and Electrophysiological Studies. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6876-6888. | 6.4  | 90        |
| 5  | Thiolated polymeric hydrogels for biomedical application: Cross-linking mechanisms. <i>Journal of Controlled Release</i> , 2021, 330, 470-482.   | 9.9  | 90        |
| 6  | Structure-Based Design and Optimization of Multitarget-Directed 2- <i>H</i> -Chromen-2-one Derivatives as Potent Inhibitors of Monoamine Oxidase B and Cholinesterases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5561-5578.   | 6.4  | 89        |
| 7  | Recent advances in ligand targeted therapy. <i>Journal of Drug Targeting</i> , 2012, 20, 1-22.   | 4.4  | 80        |
| 8  | Exploring Basic Tail Modifications of Coumarin-Based Dual Acetylcholinesterase-Monoamine Oxidase B Inhibitors: Identification of Water-Soluble, Brain-Permeant Neuroprotective Multitarget Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6791-6806.                      | 6.4  | 76        |
| 9  | Structure-Activity Relationships and Effects on Neuroactive Steroid Synthesis in a Series of 2-Phenylimidazo[1,2- <i>a</i> ]pyridineacetamide Peripheral Benzodiazepine Receptors Ligands. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 292-305.                                | 6.4  | 72        |
| 10 | Platinum(II) Complexes with Bioactive Carrier Ligands Having High Affinity for the Translocator Protein. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5144-5154.  | 6.4  | 64        |
| 11 | Eudragit RS 100 microparticles containing 2-hydroxypropyl- $\beta$ -cyclodextrin and glutathione: Physicochemical characterization, drug release and transport studies. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 64-74.  | 4.0  | 61        |
| 12 | Methotrexate-Loaded Chitosan- and Glycolchitosan-Based Nanoparticles: A Promising Strategy for the Administration of the Anticancer Drug to Brain Tumors. <i>AAPS PharmSciTech</i> , 2011, 12, 1302-1311.  | 3.3  | 61        |
| 13 | Unveiling the Efficacy, Safety, and Tolerability of Anti-Interleukin-1 Treatment in Monogenic and Multifactorial Autoinflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1898.   | 4.1  | 60        |
| 14 | Preparation of cetyl palmitate-based PEGylated solid lipid nanoparticles by microfluidic technique. <i>Acta Biomaterialia</i> , 2021, 121, 566-578.  | 8.3  | 59        |
| 15 | Targeting human liver cancer cells with lactobionic acid-G(4)-PAMAM-FITC sorafenib loaded dendrimers. <i>International Journal of Pharmaceutics</i> , 2017, 528, 485-497.  | 5.2  | 57        |
| 16 | Transferrin Functionalized Liposomes Loading Dopamine HCl: Development and Permeability Studies across an In Vitro Model of Human Blood-Brain Barrier. <i>Nanomaterials</i> , 2018, 8, 178.  | 4.1  | 55        |
| 17 | Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. <i>Acta Biomaterialia</i> , 2016, 43, 170-184.  | 8.3  | 54        |
| 18 | Sorafenib delivery nanoplatform based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017, 10, 2431-2448.   | 10.4 | 54        |

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|----|--|-----|-----------|
| 19 | In vitro targeting and imaging the translocator protein TSPO 18-kDa through G(4)-PAMAM-FITC labeled dendrimer. <i>Journal of Controlled Release</i> , 2013, 172, 1111-1125.  | 9.9 | 52        |
| 20 | Design, biological evaluation and X-ray crystallography of nanomolar multifunctional ligands targeting simultaneously acetylcholinesterase and glycogen synthase kinase-3. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 58-77.  | 5.5 | 51        |
| 21 | Translocator Protein Ligand-PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 859-871.  | 4.6 | 50        |
| 22 | Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 161-169.   | 4.3 | 45        |
| 23 | One pot environmental friendly synthesis of gold nanoparticles using Punica Granatum Juice: A novel antioxidant agent for future dermatological and cosmetic applications. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 50-61. | 9.4 | 45        |
| 24 | PEGylated solid lipid nanoparticles for brain delivery of lipophilic kateplatin Pt(IV) prodrugs: An in vitro study. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119351.   | 5.2 | 45        |
| 25 | A Novel PET Imaging Probe for the Detection and Monitoring of Translocator Protein 18kDa Expression in Pathological Disorders. <i>Scientific Reports</i> , 2016, 6, 20422.   | 3.3 | 44        |
| 26 | Searching for Multi-Targeting Neurotherapeutics against Alzheimer's: Discovery of Potent AChE-MAO B Inhibitors through the Decoration of the 2H-Chromen-2-one Structural Motif. <i>Molecules</i> , 2016, 21, 362.                              | 3.8 | 43        |
| 27 | A New Complex of Curcumin with Sulfobutylether-β-Cyclodextrin: Characterization Studies and In Vitro Evaluation of Cytotoxic and Antioxidant Activity on HepG-2 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3932-3940.       | 3.3 | 42        |
| 28 | Oxcarbazepine-loaded polymeric nanoparticles: development and permeability studies across in vitro models of the blood-brain barrier and human placental trophoblast. <i>International Journal of Nanomedicine</i> , 2015, 10, 1985.           | 6.7 | 42        |
| 29 | New azepino[4,3-b]indole derivatives as nanomolar selective inhibitors of human butyrylcholinesterase showing protective effects against NMDA-induced neurotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 288-298.      | 5.5 | 42        |
| 30 | Peripheral Benzodiazepine Receptor and Microglial Cell Visualization. <i>Bioconjugate Chemistry</i> , 2007, 18, 1397-1407.   | 3.6 | 41        |
| 31 | Investigating alkyl nitrates as nitric oxide releasing precursors of multitarget acetylcholinesterase-monoamine oxidase B inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 292-309.                                     | 5.5 | 41        |
| 32 | Synthesis and Characterization of a Platinum(II) Complex Tethered to a Ligand of the Peripheral Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1019-1027.  | 6.4 | 40        |
| 33 | Multitarget Therapeutic Leads for Alzheimer's Disease: Quinolizidinyl Derivatives of Bi- and Tricyclic Systems as Dual Inhibitors of Cholinesterases and Amyloid (Aβ) Aggregation. <i>ChemMedChem</i> , 2015, 10, 1040-1053.                   | 3.2 | 40        |
| 34 | Novel L-Dopa and Dopamine Prodrugs Containing a 2-Phenyl-imidazopyridine Moiety. <i>Pharmaceutical Research</i> , 2007, 24, 1309-1324.   | 3.5 | 39        |
| 35 | Multifunctional green synthesized gold nanoparticles/chitosan/ellagic acid self-assembly: Antioxidant, sun filter and tyrosinase-inhibitor properties. <i>Materials Science and Engineering C</i> , 2020, 106, 110170.                         | 7.3 | 39        |
| 36 | New Biodegradable Hydrogels Based on Inulin and Polyaspartylhydrazide Designed for Colonic Drug Delivery: In Vitro Release of Glutathione and Oxytocin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 313-328.           | 3.5 | 38        |

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|----|---|------|-----------|
| 37 | S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 103-111.  | 4.3  | 38        |
| 38 | Translocator Protein (TSPO) Ligand-Ara-C (Cytarabine) Conjugates as a Strategy To Deliver Antineoplastic Drugs and To Enhance Drug Clinical Potential. <i>Molecular Pharmaceutics</i> , 2010, 7, 2255-2269.   | 4.6  | 37        |
| 39 | Novel chemotypes targeting tubulin at the colchicine binding site and unbiasing P-glycoprotein. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 792-803.  | 5.5  | 37        |
| 40 | Novel codrugs with GABAergic activity for dopamine delivery in the brain. <i>International Journal of Pharmaceutics</i> , 2012, 437, 221-231.   | 5.2  | 36        |
| 41 | Boric Acid, a Lewis Acid With Unique and Unusual Properties: Formulation Implications. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2375-2386.  | 3.3  | 36        |
| 42 | Determination of pKa and Hydration Constants for a Series of $\alpha$ -Keto-Carboxylic Acids Using Nuclear Magnetic Resonance Spectrometry. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 664-672.   | 3.3  | 35        |
| 43 | Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. <i>Pharmaceutical Research</i> , 2016, 33, 2195-2208.   | 3.5  | 32        |
| 44 | Multi-sulfonated ligands on gold nanoparticles as virucidal antiviral for Dengue virus. <i>Scientific Reports</i> , 2020, 10, 9052.   | 3.3  | 32        |
| 45 | Synthesis, biological evaluation and molecular modeling of 1-oxa-4-thiaspiro- and 1,4-dithiaspiro[4.5]decane derivatives as potent and selective 5-HT <sub>1A</sub> receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 435-452.                                   | 5.5  | 31        |
| 46 | Synthesis, characterization, and in vitro cytotoxicity of a Kiteplatin-Ibuprofen Pt(IV) prodrug. <i>Inorganica Chimica Acta</i> , 2018, 472, 221-228.   | 2.4  | 31        |
| 47 | FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. <i>Cells</i> , 2019, 8, 777.  | 4.1  | 31        |
| 48 | Thiolated hydroxypropyl- $\beta$ -cyclodextrin as mucoadhesive excipient for oral delivery of budesonide in liquid paediatric formulation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118820.   | 5.2  | 30        |
| 49 | Thiolated Nanoparticles for Biomedical Applications: Mimicking the Workhorses of Our Body. <i>Advanced Science</i> , 2022, 9, e2102451.   | 11.2 | 29        |
| 50 | A Mechanistic and Kinetic Study of the $\beta$ -Lactone Hydrolysis of Salinosporamide A (NPI-0052), A Novel Proteasome Inhibitor. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2037-2047.  | 3.3  | 28        |
| 51 | Nanoformulations for Drug Delivery: Safety, Toxicity, and Efficacy. <i>Methods in Molecular Biology</i> , 2018, 1800, 347-365.  | 0.9  | 28        |
| 52 | Induced expression of P-gp and BCRP transporters on brain endothelial cells using transferrin functionalized nanostructured lipid carriers: A first step of a potential strategy for the treatment of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120011. | 5.2  | 28        |
| 53 | Encapsulation of lipophilic kiteplatin Pt(IV) prodrugs in PLGA-PEG micelles. <i>Dalton Transactions</i> , 2016, 45, 13070-13081.  | 3.3  | 27        |
| 54 | Peripheral Benzodiazepine Receptor ligand-PLGA polymer conjugates potentially useful as delivery systems of apoptotic agents. <i>Journal of Controlled Release</i> , 2009, 137, 185-195.  | 9.9  | 26        |

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|----|---|------|-----------|
| 55 | Dinuclear Pt(II)-bisphosphonate complexes: a scaffold for multinuclear or different oxidation state platinum drugs. <i>Dalton Transactions</i> , 2012, 41, 9689.  | 3.3  | 26        |
| 56 | An Updated View of Translocator Protein (TSPO). <i>International Journal of Molecular Sciences</i> , 2017, 18, 2640.  | 4.1  | 26        |
| 57 | Alginate-Based Hydrogel Containing Minoxidil/Hydroxypropyl- $\beta$ -Cyclodextrin Inclusion Complex for Topical Alopecia Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1046-1054.   | 3.3  | 26        |
| 58 | Direct cyclodextrin-based powder extrusion 3D printing for one-step production of the BCS class II model drug niclosamide. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1895-1910.   | 5.8  | 26        |
| 59 | Radiosynthesis and in vivo evaluation of N-[ $^{11}\text{C}$ ]methylated imidazopyridineacetamides as PET tracers for peripheral benzodiazepine receptors. <i>Nuclear Medicine and Biology</i> , 2008, 35, 327-334.   | 0.6  | 25        |
| 60 | New ethanol and propylene glycol free gel formulations containing a minoxidil-methyl- $\beta$ -cyclodextrin complex as promising tools for alopecia treatment. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 728-736.                               | 2.0  | 25        |
| 61 | Characterization of minoxidil/hydroxypropyl- $\beta$ -cyclodextrin inclusion complex in aqueous alginate gel useful for alopecia management: Efficacy evaluation in male rat. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 146-157. | 4.3  | 25        |
| 62 | Triphenylphosphane Pt(II) complexes containing biologically active natural polyphenols: Synthesis, crystal structure, molecular modeling and cytotoxic studies. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 346-361.                                    | 3.5  | 24        |
| 63 | Frizzled-10 Extracellular Vesicles Plasma Concentration Is Associated with Tumoral Progression in Patients with Colorectal and Gastric Cancer. <i>Journal of Oncology</i> , 2019, 2019, 1-12.   | 1.3  | 24        |
| 64 | Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 98-108.  | 6.1  | 23        |
| 65 | Metal complexes targeting the Translocator Protein 18 kDa (TSPO). <i>Coordination Chemistry Reviews</i> , 2017, 341, 1-18.  | 18.8 | 23        |
| 66 | Taste masking of propranolol hydrochloride by microbeads of EUDRAGIT <sup>®</sup> E PO obtained with prilling technique for paediatric oral administration. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118922.                                    | 5.2  | 23        |
| 67 | Spray-dried mucoadhesive microparticles based on S-protected thiolated hydroxypropyl- $\beta$ -cyclodextrin for budesonide nasal delivery. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120728.   | 5.2  | 23        |
| 68 | Microfluidic preparation and in vitro evaluation of iRGD-functionalized solid lipid nanoparticles for targeted delivery of paclitaxel to tumor cells. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121246.  | 5.2  | 23        |
| 69 | New Fluorescent Probes Targeting the Mitochondrial-Located Translocator Protein 18 kDa (TSPO) as Activated Microglia Imaging Agents. <i>Pharmaceutical Research</i> , 2011, 28, 2820-2832.  | 3.5  | 22        |
| 70 | Antitumor Potential of Conjugable Valinomycins Bearing Hydroxyl Sites: In Vitro Studies. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1189-1192.   | 2.8  | 22        |
| 71 | Novel lysophosphatidic acid receptor 6 antagonists inhibit hepatocellular carcinoma growth through affecting mitochondrial function. <i>Journal of Molecular Medicine</i> , 2020, 98, 179-191.  | 3.9  | 22        |
| 72 | Site-dependent biological activity of valinomycin analogs bearing derivatizable hydroxyl sites. <i>Journal of Peptide Science</i> , 2013, 19, 751-757.  | 1.4  | 21        |

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|----|--|------|-----------|
| 73 | Synthesis, Characterization, and in Vitro Evaluation of a New TSPO-Selective Bifunctional Chelate Ligand. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 685-689.   | 2.8  | 21        |
| 74 | Assessment of TSPO in a Rat Experimental Autoimmune Myocarditis Model: A Comparison Study between [18F]Fluoromethyl-PBR28 and [18F]CB251. <i>International Journal of Molecular Sciences</i> , 2018, 19, 276.  | 4.1  | 21        |
| 75 | Effectiveness of a Controlled 5-FU Delivery Based on FZD10 Antibody-Conjugated Liposomes in Colorectal Cancer In vitro Models. <i>Pharmaceutics</i> , 2020, 12, 650.   | 4.5  | 21        |
| 76 | NIR Emitting Nanoprobes Based on Cyclic RGD Motif Conjugated PbS Quantum Dots for Integrin-Targeted Optical Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43113-43126.  | 8.0  | 20        |
| 77 | Dasatinib/HP- $\beta$ -CD Inclusion Complex Based Aqueous Formulation as a Promising Tool for the Treatment of Paediatric Neuromuscular Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 591.                                       | 4.1  | 20        |
| 78 | Synthesis, Characterization, and Cytotoxicity of the First Oxaliplatin Pt(IV) Derivative Having a TSPO Ligand in the Axial Position. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1010.  | 4.1  | 19        |
| 79 | Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. <i>Nano Research</i> , 2016, 9, 644-662.  | 10.4 | 19        |
| 80 | TSPO-targeted NIR-fluorescent ultra-small iron oxide nanoparticles for glioblastoma imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 139, 105047.   | 4.0  | 19        |
| 81 | Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4469.   | 4.1  | 19        |
| 82 | Evaluation of Water-Soluble Mannich Base Prodrugs of 2,3,4,5-tetrahydroazepino[4,3-b]indole (6H) as Multitargeted Directed Agents for Alzheimer's Disease. <i>ChemMedChem</i> , 2021, 16, 589-598.   | 3.2  | 19        |
| 83 | Comparative effects of some hydrophilic excipients on the rate of gabapentin and baclofen lactamization in lyophilized formulations. <i>International Journal of Pharmaceutics</i> , 2007, 332, 98-106.  | 5.2  | 18        |
| 84 | Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , 2016, 11, e0153451.   | 2.5  | 18        |
| 85 | Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 168-176.   | 4.3  | 18        |
| 86 | Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligand-Dextran Nanogels. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1155.   | 4.1  | 18        |
| 87 | 2-Phenylimidazo[1,2-a]pyridine-containing ligands of the 18-kDa translocator protein (TSPO) behave as agonists and antagonists of steroidogenesis in a mouse leydig tumor cell line. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 231-237. | 4.0  | 17        |
| 88 | Radiosynthesis and in vivo evaluation of two imidazopyridineacetamides, [11C]CB184 and [11C]CB190, as a PET tracer for 18kDa translocator protein: direct comparison with [11C](R)-PK11195. <i>Annals of Nuclear Medicine</i> , 2015, 29, 325-335.           | 2.2  | 17        |
| 89 | Contact allergy to electrocardiogram electrodes caused by acrylic acid without sensitivity to methacrylates and ethyl cyanoacrylate. <i>Contact Dermatitis</i> , 2018, 79, 118-121.  | 1.4  | 17        |
| 90 | Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 239-254.   | 9.4  | 17        |



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|-----|--|-----|-----------|
| 91  | Synthesis, characterization, and in vitro evaluation of new coordination complexes of platinum(II) and rhenium(V) with a ligand targeting the translocator protein (TSPO). Dalton Transactions, 2014, 43, 16252-16264.                     | 3.3 | 16        |
| 92  | Oxazepam-Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. Molecular Pharmaceutics, 2017, 14, 3178-3187.  | 4.6 | 16        |
| 93  | The Complexity of the Blood-Brain Barrier and the Concept of Age-Related Brain Targeting: Challenges and Potential of Novel Solid Lipid-Based Formulations. Journal of Pharmaceutical Sciences, 2022, 111, 577-592.                        | 3.3 | 16        |
| 94  | A rapid screening tool for estimating the potential of 2-hydroxypropyl- $\beta$ -cyclodextrin complexation for solubilization purposes. International Journal of Pharmaceutics, 2005, 295, 163-175.  | 5.2 | 15        |
| 95  | Effect of cyclodextrins on physico-chemical and release properties of Eudragit RS 100 microparticles containing glutathione. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 425-432.                                  | 1.6 | 15        |
| 96  | Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18 kDa Translocator Protein TSPO. ChemMedChem, 2017, 12, 1261-1274.  | 3.2 | 15        |
| 97  | Preclinical comparison study between [18F]fluoromethyl-PBR28 and its deuterated analog in a rat model of neuroinflammation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2925-2929.   | 2.2 | 15        |
| 98  | Green Fluorescent Terbium (III) Complex Doped Silica Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 3139.   | 4.1 | 15        |
| 99  | 1,3-Dioxane as a scaffold for potent and selective 5-HT1AR agonist with in-vivo anxiolytic, anti-depressant and anti-nociceptive activity. European Journal of Medicinal Chemistry, 2019, 176, 310-325.                                    | 5.5 | 15        |
| 100 | Polyphenols Epigallocatechin Gallate and Resveratrol, and Polyphenol-Functionalized Nanoparticles Prevent Enterovirus Infection through Clustering and Stabilization of the Viruses. Pharmaceutics, 2021, 13, 1182.                        | 4.5 | 15        |
| 101 | A model radiopharmaceutical agent targeted to translocator protein 18 kDa (TSPO). Dalton Transactions, 2013, 42, 10112.  | 3.3 | 14        |
| 102 | Synthesis and Evaluation of Tricarbonyl $^{99m}\text{Tc}$ -Labeled 2-(4-Chloro)phenyl-imidazo[1,2-a]pyridine Analogs as Novel SPECT Imaging Radiotracer for TSPO-Rich Cancer. International Journal of Molecular Sciences, 2016, 17, 1085. | 4.1 | 14        |
| 103 | Effect of diazoxide on Friedreich ataxia models. Human Molecular Genetics, 2018, 27, 992-1001.   | 2.9 | 14        |
| 104 | Chitosan/sulfobutylether- $\beta$ -cyclodextrin based nanoparticles coated with thiolated hyaluronic acid for indomethacin ophthalmic delivery. International Journal of Pharmaceutics, 2022, 622, 121905.                                 | 5.2 | 14        |
| 105 | Relationship between dissolution efficiency of Oxazepam/carrier blends and drug and carrier molecular descriptors using multivariate regression analysis. International Journal of Pharmaceutics, 2008, 358, 60-68.                        | 5.2 | 13        |
| 106 | Synthesis, Characterization, and Binding to the Translocator Protein (18 kDa, TSPO) of a New Rhenium Complex as a Model of Radiopharmaceutical Agents. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1606-1612.           | 1.2 | 13        |
| 107 | Quantum Dot Based Luminescent Nanoprobes for Sigma-2 Receptor Imaging. Molecular Pharmaceutics, 2018, 15, 458-471.   | 4.6 | 13        |
| 108 | $\beta$ -Dystroglycan Restoration and Pathology Progression in the Dystrophic mdx Mouse: Outcome and Implication of a Clinically Oriented Study with a Novel Oral Dasatinib Formulation. Biomolecules, 2021, 11, 1742.                     | 4.0 | 13        |

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|-----|---|-----|-----------|
| 109 | Radiosynthesis and characterization of [18F]BS224: a next-generation TSPO PET ligand insensitive to the rs6971 polymorphism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 110-124.                                 | 6.4 | 13        |
| 110 | Lactoferrin-Derived Peptides as a Control Strategy against Skinborne Staphylococcal Biofilms. <i>Biomedicines</i> , 2020, 8, 323.   | 3.2 | 12        |
| 111 | Microfluidic-Assisted Preparation of Targeted pH-Responsive Polymeric Micelles Improves Gemcitabine Effectiveness in PDAC: In Vitro Insights. <i>Cancers</i> , 2022, 14, 5.   | 3.7 | 12        |
| 112 | Medical Device Development for Children and Young People—Reviewing the Challenges and Opportunities. <i>Pharmaceutics</i> , 2021, 13, 2178.   | 4.5 | 12        |
| 113 | Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. <i>RSC Advances</i> , 2019, 9, 21810-21825.   | 3.6 | 11        |
| 114 | The protective effect of the TSPO ligands 2,4-Di-Cl-MGV-1, CB86, and CB204 against LPS-induced M1 pro-inflammatory activation of microglia. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 5, 100083.                                      | 2.5 | 11        |
| 115 | Physicochemical properties and antimicrobial activity of new spirocyclic thieno[2,3-d]pyrimidin-4(3H)-one derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 357-363.  | 1.2 | 10        |
| 116 | Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 339-350.  | 4.0 | 10        |
| 117 | Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23205-23213.   | 3.1 | 9         |
| 118 | Novel Dithiolane-Based Ligands Combining Sigma and NMDA Receptor Interactions as Potential Neuroprotective Agents. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1028-1034.  | 2.8 | 9         |
| 119 | Grape seed extracts modify the outcome of oxaliplatin in colon cancer cells by interfering with cellular mechanisms of drug cytotoxicity. <i>Oncotarget</i> , 2017, 8, 50845-50863.   | 1.8 | 9         |
| 120 | Luminescent PLGA Nanoparticles for Delivery of Darunavir to the Brain and Inhibition of Matrix Metalloproteinase-9, a Relevant Therapeutic Target of HIV-Associated Neurological Disorders. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4286-4301. | 3.5 | 9         |
| 121 | Griseofulvin/Carrier Blends: Application of Partial Least Squares (PLS) Regression Analysis for Estimating the Factors Affecting the Dissolution Efficiency. <i>AAPS PharmSciTech</i> , 2011, 12, 1019-1030.  | 3.3 | 8         |
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