# Giuseppe Bardi

List of Publications by Year
in descending order



| 61 | 3,802 | 172386 | 155592 |
|---|---|---|---|
| papers | citations | 29 h-index | 55 g-index |

| 62 | 62 | 62 | 6446 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Crucial Role for the p110Î´ Subunit of Phosphatidylinositol 3-Kinase in B Cell Development and Activation. Journal of Experimental Medicine, 2002, 196, 753-763. | 4.2 | 417 |
| 2 | Platinum nanoparticles in nanobiomedicine. Chemical Society Reviews, 2017, 46, 4951-4975. | 18.7 | 314 |
| 3 | The Ligands of CXC Chemokine Receptor 3, I-TAC, Mig, and IP10, Are Natural Antagonists for CCR3. Journal of Biological Chemistry, 2001, 276, 2986-2991. | 1.6 | 276 |
| 4 | Negligible particle-specific toxicity mechanism of silver nanoparticles: The role of Ag+ ion release in the cytosol. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 731-739. | 1.7 | 220 |
| 5 | Functional motor recovery from brain ischemic insult by carbon nanotube-mediated siRNA silencing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10952-10957. | 3.3 | 217 |
| 6 | Laser Ablation as a Versatile Tool To Mimic Polyethylene Terephthalate Nanoplastic Pollutants: Characterization and Toxicology Assessment. ACS Nano, 2018, 12, 7690-7700. | 7.3 | 208 |
| 7 | Natural Polysaccharide Nanomaterials: An Overview of Their Immunological Properties. International Journal of Molecular Sciences, 2019, 20, 5092. | 1.8 | 175 |
| 8 | Eotaxin is a natural antagonist for CCR2 and an agonist for CCR5. Blood, 2001, 97, 1920-1924. | 0.6 | 160 |
| 9 | In Vivo Distribution and Toxicity of PAMAM Dendrimers in the Central Nervous System Depend on Their Surface Chemistry. Molecular Pharmaceutics, 2013, 10, 249-260. | 2.3 | 154 |
| 10 | Selective Targeting Capability Acquired with a Protein Corona Adsorbed on the Surface of 1,2-Dioleoyl-3-trimethylammonium Propane/DNA Nanoparticles. ACS Applied Materials & Interfaces, 2013, 5, 13171-13179. | 4.0 | 150 |
| 11 | A novel chimeric cell-penetrating peptide with membrane-disruptive properties for efficient endosomal escape. Journal of Controlled Release, 2012, 163, 293-303. | 4.8 | 119 |
| 12 | The T cell chemokine receptor CCR7 is internalized on stimulation with ELC, but not with SLC. European Journal of Immunology, 2001, 31, 3291-3297. | 1.6 | 118 |
| 13 | Biomedical Nanoparticles: Overview of Their Surface Immune-Compatibility. Coatings, 2014, 4, 139-159. | 1.2 | 101 |
| 14 | Pluronic-coated carbon nanotubes do not induce degeneration of cortical neurons in vivo and in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 96-104. | 1.7 | 91 |
| 15 | Functionalized Carbon Nanotubes in the Brain: Cellular Internalization and Neuroinflammatory Responses. PLoS ONE, 2013, 8, e80964. | 1.1 | 89 |
| 16 | The biocompatibility of amino functionalized CdSe/ZnS quantum-dot-Doped SiO2 nanoparticles with primary neural cells and their gene carrying performance. Biomaterials, 2010, 31, 6555-6566. | 5.7 | 73 |
| 17 | Rho kinase is required for CCR7-mediated polarization and chemotaxis of T lymphocytes. FEBS Letters, 2003, 542, 79-83. | 1.3 | 70 |
| 18 | Protein Adsorption: A Feasible Method for Nanoparticle Functionalization?. Materials, 2019, 12, 1991. | 1.3 | 63 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modulation of neuronal CXCR4 by the Î¼-opioid agonist DAMGO. Journal of NeuroVirology, 2006, 12, 492-500. | 1.0 | 61 |
| 20 | Bi-directional heterologous desensitization between the major HIV-1 co-receptor CXCR4 and the Îº-opioid receptor. Journal of Neuroimmunology, 2008, 197, 114-123. | 1.1 | 60 |
| 21 | Enhanced Bioactivity of Internally Functionalized Cationic Dendrimers with PEG Cores. Biomacromolecules, 2012, 13, 4089-4097. | 2.6 | 54 |
| 22 | Vav-Dependent and Vav-Independent Phosphatidylinositol 3-Kinase Activation in Murine B Cells Determined by the Nature of the Stimulus. Journal of Immunology, 2004, 173, 3209-3214. | 0.4 | 46 |
| 23 | The obesity and inflammatory marker haptoglobin attracts monocytes via interaction with chemokine (C-C motif) receptor 2 (CCR2). BMC Biology, 2009, 7, 87. | 1.7 | 45 |
| 24 | Biotransformation and Biological Interaction of Graphene and Graphene Oxide during Simulated Oral Ingestion. Small, 2018, 14, e1800227. | 5.2 | 42 |
| 25 | Human immunodeficiency virus gp120-induced apoptosis of human neuroblastoma cells in the absence of CXCR4 internalization. Journal of NeuroVirology, 2006, 12, 211-218. | 1.0 | 39 |
| 26 | Surface functionalisation regulates polyamidoamine dendrimer toxicity on bloodâ€“brain barrier cells and the modulation of key inflammatory receptors on microglia. Nanotoxicology, 2014, 8, 158-168. | 1.6 | 34 |
| 27 | PMA-Induced THP-1 Macrophage Differentiation is Not Impaired by Citrate-Coated Platinum Nanoparticles. Nanomaterials, 2017, 7, 332. | 1.9 | 34 |
| 28 | Carbon nanotube-mediated wireless cell permeabilization: drug and gene uptake. Nanomedicine, 2011, 6, 1709-1718. | 1.7 | 31 |
| 29 | Protein Kinase CÎ¶ Mediates Î¼-Opioid Receptor-induced Cross-desensitization of Chemokine Receptor CCR5. Journal of Biological Chemistry, 2011, 286, 20354-20365. | 1.6 | 31 |
| 30 | Platinum Nanoparticles Decrease Reactive Oxygen Species and Modulate Gene Expression without Alteration of Immune Responses in THP-1 Monocytes. Nanomaterials, 2018, 8, 392. | 1.9 | 31 |
| 31 | Polymeric nanocarriers for controlled and enhanced delivery of therapeutic agents to the CNS. Therapeutic Delivery, 2012, 3, 875-887. | 1.2 | 28 |
| 32 | Novel siRNA delivery strategy: a new â€œstrandâ€•in CNS translational medicine?. Cellular and Molecular Life Sciences, 2014, 71, 1-20. | 2.4 | 24 |
| 33 | In Vitro and In Vivo Biocompatibility Testing of Functionalized Carbon Nanotubes. Methods in Molecular Biology, 2010, 625, 67-83. | 0.4 | 19 |
| 34 | Metallic Nanoparticles: General Research Approaches to Immunological Characterization. Nanomaterials, 2018, 8, 753. | 1.9 | 18 |
| 35 | Cross-Desensitization of CCR1, but Not CCR2, following Activation of the Formyl Peptide Receptor FPR1. Journal of Immunology, 2014, 192, 5305-5313. | 0.4 | 17 |
| 36 | Chitin whiskers reinforced carrageenan films as low adhesion cell substrates. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 574-580. | 1.8 | 16 |

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|---|---|---|---|
| 37 | Ornithine Decarboxylase Activity During Development of Cerebellar Granule Neurons. Journal of Neurochemistry, 2002, 71, 1898-1904. | 2.1 | 13 |
| 38 | Immunological properties of Andean starch films are independent of their nanometric roughness and stiffness. International Journal of Biological Macromolecules, 2015, 75, 460-466. | 3.6 | 13 |
| 39 | Adverse outcome pathway in immunotoxicity of perfluoroalkyls. Current Opinion in Toxicology, 2021, 25, 23-29. | 2.6 | 13 |
| 40 | CXCL12-PLGA/Pluronic Nanoparticle Internalization Abrogates CXCR4-Mediated Cell Migration. Nanomaterials, 2020, 10, 2304. | 1.9 | 12 |
| 41 | Adipocytes differentiation in the presence of Pluronic F127â€“coated carbon nanotubes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 378-381. | 1.7 | 11 |
| 42 | Human monocyte response to Andean-native starch nanoparticles. Starch/Staerke, 2016, 68, 1016-1023. | 1.1 | 11 |
| 43 | Design and optimization of lipid-modified poly(amidoamine) dendrimer coated iron oxide nanoparticles as probes for biomedical applications. Nanoscale, 2015, 7, 7307-7317. | 2.8 | 10 |
| 44 | Monitoring cell substrate interactions in exopolysaccharide-based films reinforced with chitin whiskers and starch nanoparticles used as cell substrates. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 333-339. | 1.8 | 10 |
| 45 | Potential Applications of Nanomaterials to Quench the Cytokine Storm in Coronavirus Disease 19. Frontiers in Bioengineering and Biotechnology, 2020, 8, 906. | 2.0 | 10 |
| 46 | Nano-carriers of COVID-19 vaccines: the main pillars of efficacy. Nanomedicine, 2021, 16, 2377-2387. | 1.7 | 8 |
| 47 | Detection of Fluorescent Nanoparticle Interactions with Primary Immune Cell Subpopulations by Flow Cytometry. Journal of Visualized Experiments, 2014, , . | 0.2 | 7 |
| 48 | A poly(ether-ester) copolymer for the preparation of nanocarriers with improved degradation and drug delivery kinetics. Materials Science and Engineering C, 2016, 59, 488-499. | 3.8 | 7 |
| 49 | CXCL5 Modified Nanoparticle Surface Improves CXCR2+ Cell Selective Internalization. Cells, 2020, 9, 56. | 1.8 | 6 |
| 50 | Immunology of biodegradable nanoparticles: a brief overview on a wide growing field. , 0, , 48-60. | | 5 |
| 51 | Multiwalled Carbon Nanotube Antennas Induce Effective Plasmid DNA Transfection of Bacterial Cells. Journal of Nanoneuroscience, 2012, 2, 56-62. | 0.5 | 5 |
| 52 | SiO2 NPs: Promising Candidates for Drug and Gene Delivery. Drug Delivery Letters, 2011, 1, 9-12. | 0.2 | 3 |
| 53 | Cerium dioxide nanoparticles selectively up-regulate C-C chemokine receptor 2 and CD16 expression on human monocytes. EURO-NanoTox-Letters, 2014, 5, 1-16. | 1.0 | 2 |
| 54 | Graphene Biotransformation: Biotransformation and Biological Interaction of Graphene and Graphene Oxide during Simulated Oral Ingestion (Small 24/2018). Small, 2018, 14, 1870113. | 5.2 | 2 |

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|---|---|---|---|
| 55 | Nanometric Virus-Like Particles: Key Tools for Vaccine and Adjuvant Technology. Vaccines, 2020, 8, 430. | 2.1 | 2 |
| 56 | Safety of Carbon Nanotubes for Neuronal Tissue. , 2012, , 3-16. | | 2 |
| 57 | SiO2 NPs: Promising Candidates for Drug and Gene Delivery. Drug Delivery Letters, 2011, 1, 9-12. | 0.2 | 1 |
| 58 | Neurological System. , 2012, , 157-168. | | 0 |
| 59 | Lipid-modified dendrimers as a tool for the design of nanoparticle-based multimodal MRI contrast agents. , 2014, , . | | 0 |
| 60 | Immune Responses to Nanomaterials for Biomedical Applications. Nanomaterials, 2021, 11, 1241. | 1.9 | 0 |
| 61 | Moving Forward in Nano-Immune Interactions. Nanomaterials, 2022, 12, 2033. | 1.9 | 0 |