

Federico Bertoglio

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,317
citations

430874

18
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

2306
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination. <i>Cellular and Molecular Immunology</i> , 2022, 19, 234-244. | 10.5 | 8 |
| 2 | Immunity to SARS-CoV-2 up to 15 months after infection. <i>Science</i> , 2022, 25, 103743. | 4.1 | 56 |
| 3 | Collection of Monoclonal Antibodies Targeting SARS-CoV-2 Proteins. <i>Viruses</i> , 2022, 14, 443. | 3.3 | 3 |
| 4 | Phage Display-Derived Compounds Displace hACE2 from Its Complex with SARS-CoV-2 Spike Protein. <i>Biomedicines</i> , 2022, 10, 441. | 3.2 | 4 |
| 5 | Human serum from SARS-CoV-2-vaccinated and COVID-19 patients shows reduced binding to the RBD of SARS-CoV-2 Omicron variant. <i>BMC Medicine</i> , 2022, 20, 102. | 5.5 | 67 |
| 6 | ChAdOx1 adenoviral vector vaccine applied intranasally elicits superior mucosal immunity compared to the intramuscular route of vaccination. <i>European Journal of Immunology</i> , 2022, 52, 936-945. | 2.9 | 12 |
| 7 | Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. <i>Nature Communications</i> , 2022, 13, 2670. | 12.8 | 108 |
| 8 | ORF6 Phage Display Reveals a Major Immunogenic Epitope on the S2 Subdomain of SARS-CoV-2 Spike Protein. <i>Viruses</i> , 2022, 14, 1326. | 3.3 | 4 |
| 9 | Persistence of SARS-CoV-2-specific B and T cell responses in convalescent COVID-19 patients 8 months after the infection. <i>Med</i> , 2021, 2, 281-295.e4. | 4.4 | 153 |
| 10 | SARS-CoV-2 neutralizing human recombinant antibodies selected from pre-pandemic healthy donors binding at RBD-ACE2 interface. <i>Nature Communications</i> , 2021, 12, 1577. | 12.8 | 73 |
| 11 | A Pilot Study on Covid and Autism: Prevalence, Clinical Presentation and Vaccine Side Effects. <i>Brain Sciences</i> , 2021, 11, 860. | 2.3 | 7 |
| 12 | Developing Recombinant Antibodies by Phage Display Against Infectious Diseases and Toxins for Diagnostics and Therapy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 697876. | 3.9 | 40 |
| 13 | A SARS-CoV-2 neutralizing antibody selected from COVID-19 patients binds to the ACE2-RBD interface and is tolerant to most known RBD mutations. <i>Cell Reports</i> , 2021, 36, 109433. | 6.4 | 75 |
| 14 | Reproducible and Easy Production of Mammalian Proteins by Transient Gene Expression in High Five Insect Cells. <i>Methods in Molecular Biology</i> , 2021, 2305, 129-140. | 0.9 | 2 |
| 15 | Polyurethane-Based Coatings with Promising Antibacterial Properties. <i>Materials</i> , 2020, 13, 4296. | 2.9 | 20 |
| 16 | Synergic Effect of Nanolignin and Metal Oxide Nanoparticles into Poly(lactide) Bionanocomposites: Material Properties, Antioxidant Activity, and Antibacterial Performance. <i>ACS Applied Bio Materials</i> , 2020, 3, 5263-5274. | 4.6 | 52 |
| 17 | Increased Antibacterial and Antibiofilm Properties of Silver Nanoparticles Using Silver Fluoride as Precursor. <i>Molecules</i> , 2020, 25, 3494. | 3.8 | 11 |
| 18 | Baculovirus-free insect cell expression system for high yield antibody and antigen production. <i>Scientific Reports</i> , 2020, 10, 21393. | 3.3 | 30 |

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|----|---|------|-----------|
| 19 | The Open Challenge of in vitro Modeling Complex and Multi-Microbial Communities in Three-Dimensional Niches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 539319. | 4.1 | 5 |
| 20 | Polyurethane-Based Composites: Effects of Antibacterial Fillers on the Physical-Mechanical Behavior of Thermoplastic Polyurethanes. <i>Polymers</i> , 2020, 12, 362. | 4.5 | 30 |
| 21 | BDNF levels are associated with autistic traits in the general population. <i>Psychoneuroendocrinology</i> , 2018, 89, 131-133. | 2.7 | 16 |
| 22 | Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018, 181, 275-284. | 10.2 | 228 |
| 23 | Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 845. | 2.5 | 22 |
| 24 | The effect of pulsed electromagnetic field exposure on osteoinduction of human mesenchymal stem cells cultured on nano-TiO ₂ surfaces. <i>PLoS ONE</i> , 2018, 13, e0199046. | 2.5 | 32 |
| 25 | Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 271-281. | 9.4 | 110 |
| 26 | Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. <i>Carbohydrate Polymers</i> , 2017, 157, 1557-1567. | 10.2 | 39 |
| 27 | Comparison of apical extrusion of intracanal bacteria by various glide-path establishing systems: an <i>in vitro</i> study. <i>Restorative Dentistry & Endodontics</i> , 2017, 42, 316. | 1.5 | 20 |
| 28 | Nanostructured TiO ₂ Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. <i>Nanomaterials</i> , 2016, 6, 124. | 4.1 | 24 |
| 29 | A SARS-CoV-2 Neutralizing Antibody Selected from COVID-19 Patients by Phage Display is Binding to the ACE2-RBD Interface and is Tolerant to Known RBD Mutations. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 3 |