# Annamaria Fra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4467549/publications.pdf

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|---|---|---|---|
| 37 papers | 2,787 citations | 218381 26 h-index | 344852 36 g-index |
| 38 all docs | 38 docs citations | 38 times ranked | 3053 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | De novo formation of caveolae in lymphocytes by expression of VIP21-caveolin.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8655-8659. | 3.3 | 555 |
| 2 | Caveolin-1 and -2 in the Exocytic Pathway of MDCK Cells. Journal of Cell Biology, 1998, 140, 795-806. | 2.3 | 283 |
| 3 | Developmental regulation of IgM secretion: The role of the carboxy-terminal cysteine. Cell, 1990, 60, 781-790. | 13.5 | 248 |
| 4 | Cutting Edge: Scavenging of Inflammatory CC Chemokines by the Promiscuous Putatively Silent Chemokine Receptor D6. Journal of Immunology, 2003, 170, 2279-2282. | 0.4 | 181 |
| 5 | A photo-reactive derivative of ganglioside GM1 specifically cross-links VIP21-caveolin on the cell surface. FEBS Letters, 1995, 375, 11-14. | 1.3 | 169 |
| 6 | Progressively impaired proteasomal capacity during terminal plasma cell differentiation. EMBO Journal, 2006, 25, 1104-1113. | 3.5 | 139 |
| 7 | Differential Recognition and Scavenging of Native and Truncated Macrophage-Derived Chemokine (Macrophage-Derived Chemokine/CC Chemokine Ligand 22) by the D6 Decoy Receptor. Journal of Immunology, 2004, 172, 4972-4976. | 0.4 | 132 |
| 8 | Quality control of ER synthesized proteins: an exposed thiol group as a three-way switch mediating assembly, retention and degradation.. EMBO Journal, 1993, 12, 4755-4761. | 3.5 | 124 |
| 9 | Degradation of unassembled soluble Ig subunits by cytosolic proteasomes: evidence that retrotranslocation and degradation are coupled events. FASEB Journal, 2000, 14, 769-778. | 0.2 | 96 |
| 10 | Cysteines as Redox Molecular Switches and Targets of Disease. Frontiers in Molecular Neuroscience, 2017, 10, 167. | 1.4 | 95 |
| 11 | Identification and characterisation of eight novel SERPINA1 Null mutations. Orphanet Journal of Rare Diseases, 2014, 9, 172. | 1.2 | 60 |
| 12 | Generation and characterization of a mouse lymphatic endothelial cell line. Cell and Tissue Research, 2006, 325, 91-100. | 1.5 | 56 |
| 13 | CHOP-independent apoptosis and pathway-selective induction of the UPR in developing plasma cells. Molecular Immunology, 2010, 47, 1356-1365. | 1.0 | 56 |
| 14 | Three New Alpha1-Antitrypsin Deficiency Variants Help to Define a C-Terminal Region Regulating Conformational Change and Polymerization. PLoS ONE, 2012, 7, e38405. | 1.1 | 43 |
| 15 | The efficiency of cysteine-mediated intracellular retention determines the differential fate of secretory IgA and IgM in B and plasma cells. European Journal of Immunology, 1994, 24, 2477-2482. | 1.6 | 42 |
| 16 | Polymers of Z Î±<sub>1</sub>-antitrypsin are secreted in cell models of disease. European Respiratory Journal, 2016, 47, 1005-1009. | 3.1 | 41 |
| 17 | Exposed Thiols Confer Localization in the Endoplasmic Reticulum by Retention Rather than Retrieval. Journal of Biological Chemistry, 1996, 271, 26138-26142. | 1.6 | 40 |
| 18 | Mechanisms of interleukin-6 protection against ischemiaâ€“reperfusion injury in rat liver. Cytokine, 2006, 34, 131-142. | 1.4 | 37 |

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|---|---|---|---|
| 19 | Real-world clinical applicability of pathogenicity predictors assessed onSERPINA1mutations in alpha-1-antitrypsin deficiency. Human Mutation, 2018, 39, 1203-1213. | 1.1 | 36 |
| 20 | The Endoplasmic Reticulum as a Site of Protein Degradation. Sub-Cellular Biochemistry, 1993, 21, 143-168. | 1.0 | 36 |
| 21 | The Decrease of Mineralcorticoid Receptor Drives Angiogenic Pathways in Colorectal Cancer. PLoS ONE, 2013, 8, e59410. | 1.1 | 30 |
| 22 | Genomic organization and transcriptional analysis of the human genes coding for caveolin-1 and caveolin-2. Gene, 2000, 243, 75-83. | 1.0 | 29 |
| 23 | Different molecular behavior of CD40 mutants causing hyper-IgM syndrome. Blood, 2010, 116, 5867-5874. | 0.6 | 29 |
| 24 | Aberrant disulphide bonding contributes to the ER retention of alpha1-antitrypsin deficiency variants. Human Molecular Genetics, 2016, 25, 642-650. | 1.4 | 28 |
| 25 | Molecular characterization of the new defective P<sub>brescia</sub>alpha1-antitrypsin allele. Human Mutation, 2009, 30, E771-E781. | 1.1 | 27 |
| 26 | Human Caveolin-1 and Caveolin-2 Are Closely Linked Genes Colocalized with WI-5336 in a Region of 7q31 Frequently Deleted in Tumors. Genomics, 1999, 56, 355-356. | 1.3 | 26 |
| 27 | Heteropolymerization of Î±-1-antitrypsin mutants in cell models mimicking heterozygosity. Human Molecular Genetics, 2018, 27, 1785-1793. | 1.4 | 24 |
| 28 | The pathological Trento variant of alphaâ€1â€antitrypsin (E75V) shows nonclassical behaviour during polymerization. FEBS Journal, 2017, 284, 2110-2126. | 2.2 | 23 |
| 29 | Intermittent C1-Inhibitor Deficiency Associated with Recessive Inheritance: Functional and Structural Insight. Scientific Reports, 2018, 8, 977. | 1.6 | 22 |
| 30 | Neuroserpin: structure, function, physiology and pathology. Cellular and Molecular Life Sciences, 2021, 78, 6409-6430. | 2.4 | 16 |
| 31 | Intrahepatic heteropolymerization of M and Z alpha-1-antitrypsin. JCI Insight, 2020, 5, . | 2.3 | 16 |
| 32 | Phenotypic behavior of C2C12 myoblasts upon expression of the dystrophyâ€related caveolinâ€3 P104L and TFT mutants. FEBS Letters, 2007, 581, 5099-5104. | 1.3 | 13 |
| 33 | Characterisation of a type II functionally-deficient variant of alpha-1-antitrypsin discovered in the general population. PLoS ONE, 2019, 14, e0206955. | 1.1 | 13 |
| 34 | Cellular Models for the Serpinopathies. Methods in Molecular Biology, 2018, 1826, 109-121. | 0.4 | 9 |
| 35 | The molecular species responsible for Î± 1 â€antitrypsin deficiency are suppressed by a small molecule chaperone. FEBS Journal, 2021, 288, 2222-2237. | 2.2 | 8 |
| 36 | The Importance of N186 in the Alpha-1-Antitrypsin Shutter Region Is Revealed by the Novel Bologna Deficiency Variant. International Journal of Molecular Sciences, 2021, 22, 5668. | 1.8 | 5 |

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|---|---|---|---|
| 37 | ALPHA1-ANTITRYPSIN DEFICIENCY: A 25-YEAR EXPERIENCE. Chest, 2020, 157, A177. | 0.4 | 0 |