

# Olga Krysko

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

5,767  
citations

147566

31  
h-index

214527

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

9214  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Immunogenic cell death and DAMPs in cancer therapy. <i>Nature Reviews Cancer</i> , 2012, 12, 860-875.   | 12.8 | 1,984     |
| 2  | Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , 2011, 32, 157-164.   | 2.9  | 564       |
| 3  | ER stress-induced inflammation: does it aid or impede disease progression?. <i>Trends in Molecular Medicine</i> , 2012, 18, 589-598.  | 3.5  | 340       |
| 4  | Many faces of DAMPs in cancer therapy. <i>Cell Death and Disease</i> , 2013, 4, e631-e631.  | 2.7  | 234       |
| 5  | Vaccination with early ferroptotic cancer cells induces efficient antitumor immunity. , 2020, 8, e001369.   |      | 220       |
| 6  | Immunogenic cell death induced by a new photodynamic therapy based on photosens and photodithazine. , 2019, 7, 350.   |      | 183       |
| 7  | Alternatively activated macrophages and impaired phagocytosis of <i>S.Âureus</i> in chronic rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 396-403.  | 2.7  | 144       |
| 8  | Necroptotic cell death in antiâ€cancer therapy. <i>Immunological Reviews</i> , 2017, 280, 207-219.  | 2.8  | 126       |
| 9  | Staphylococcal serine proteaseâ€like proteins are pacemakers of allergic airway reactions to <i>Staphylococcus aureus</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 492-500.e8.  | 1.5  | 118       |
| 10 | The IL-33/ST2 axis is crucial in type 2 airway responses induced by <i>Staphylococcus aureus</i> â€derived serine proteaseâ€like protein D. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 549-559.e7.                                | 1.5  | 109       |
| 11 | Biologics for chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 725-739.   | 1.5  | 109       |
| 12 | Absence of Functional Peroxisomes from Mouse CNS Causes Dysmyelination and Axon Degeneration. <i>Journal of Neuroscience</i> , 2008, 28, 4015-4027.   | 1.7  | 107       |
| 13 | TLR-2 and TLR-9 are sensors of apoptosis in a mouse model of doxorubicin-induced acute inflammation. <i>Cell Death and Differentiation</i> , 2011, 18, 1316-1325.   | 5.0  | 102       |
| 14 | Extracellular eosinophilic traps in association with <i>Staphylococcus aureus</i> at the site of epithelial barrier defects in patients with severe airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1849-1860.e6. | 1.5  | 102       |
| 15 | Characterization of the <i>in vivo</i> immune network of IDO, tryptophan metabolism, PD-L1, and CTLA-4 in circulating immune cells in melanoma. <i>Oncolmmunology</i> , 2015, 4, e982382.   | 2.1  | 95        |
| 16 | <i>Staphylococcus aureus</i> Induces a Mucosal Type 2 Immune Response via Epithelial Cellâ€derived Cytokines. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 452-463.   | 2.5  | 94        |
| 17 | Phosphatidylserine exposure during early primary necrosis (oncosis) in JB6 cells as evidenced by immunogold labeling technique. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004, 9, 495-500.                               | 2.2  | 85        |
| 18 | Immunogenic Apoptotic Cell Death and Anticancer Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2016, 930, 133-149.  | 0.8  | 82        |

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|----|---|-----|-----------|
| 19 | Neocortical and cerebellar developmental abnormalities in conditions of selective elimination of peroxisomes from brain or from liver. <i>Journal of Neuroscience Research</i> , 2007, 85, 58-72.                               | 1.3 | 81        |
| 20 | <i>Staphylococcus aureus</i> enterotoxin B facilitates allergic sensitization in experimental asthma. <i>Clinical and Experimental Allergy</i> , 2010, 40, 1079-1090.   | 1.4 | 65        |
| 21 | Clinical significance of plasmacytoid dendritic cells and myeloid-derived suppressor cells in melanoma. <i>Journal of Translational Medicine</i> , 2015, 13, 9.   | 1.8 | 54        |
| 22 | <i>Staphylococcus aureus</i> Orchestrates Type 2 Airway Diseases. <i>Trends in Molecular Medicine</i> , 2019, 25, 696-707.  | 3.5 | 53        |
| 23 | Bone grafts engineered from human adipose-derived stem cells in dynamic 3D-environments. <i>Biomaterials</i> , 2013, 34, 1004-1017.   | 5.7 | 46        |
| 24 | Peroxisomal multifunctional protein-2 deficiency causes neuroinflammation and degeneration of Purkinje cells independent of very long chain fatty acid accumulation. <i>Neurobiology of Disease</i> , 2013, 58, 258-269.        | 2.1 | 44        |
| 25 | Protease/antiprotease network in allergy: The role of <i>Staphylococcus aureus</i> protease-like proteins. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2077-2086.                           | 2.7 | 41        |
| 26 | An emerging role for nanomaterials in increasing immunogenicity of cancer cell death. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 99-108.   | 3.3 | 41        |
| 27 | Impairment of phagocytosis of apoptotic cells and its role in chronic airway diseases. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1137-1146.   | 2.2 | 36        |
| 28 | Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 968-977. | 1.8 | 36        |
| 29 | Novel porphyrazine-based photodynamic anti-cancer therapy induces immunogenic cell death. <i>Scientific Reports</i> , 2021, 11, 7205.   | 1.6 | 36        |
| 30 | EUFOREA Rhinology Research Forum 2016: report of the brainstorming sessions on needs and priorities in rhinitis and rhinosinusitis. <i>Rhinology</i> , 2017, 55, 202-210.   | 0.7 | 36        |
| 31 | IL-33 signalling contributes to pollutant-induced allergic airway inflammation. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1665-1675.   | 1.4 | 35        |
| 32 | Forkhead box protein 3 in human nasal polyp regulatory T cells is regulated by the protein suppressor of cytokine signaling 3. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1314-1321.e3.                     | 1.5 | 34        |
| 33 | Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. <i>Journal of Leukocyte Biology</i> , 2019, 106, 57-81.   | 1.5 | 33        |
| 34 | mRNA Encoding a Bispecific Single Domain Antibody Construct Protects against Influenza A Virus Infection in Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 777-787.   | 2.3 | 32        |
| 35 | Different regulation of cigarette smoke induced inflammation in upper versus lower airways. <i>Respiratory Research</i> , 2010, 11, 100.  | 1.4 | 31        |
| 36 | Exacerbation of cigarette smoke-induced pulmonary inflammation by <i>Staphylococcus aureus</i> Enterotoxin B in mice. <i>Respiratory Research</i> , 2011, 12, 69.   | 1.4 | 29        |

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|----|---|-----|-----------|
| 37 | Herpes Simplex Virus Type 1 Infection Facilitates Invasion of Staphylococcus aureus into the Nasal Mucosa and Nasal Polyp Tissue. PLoS ONE, 2012, 7, e39875.  | 1.1 | 29        |
| 38 | Perspective: COVID-19, implications of nasal diseases and consequences for their management. Journal of Allergy and Clinical Immunology, 2020, 146, 67-69.  | 1.5 | 25        |
| 39 | Local Inflammation in Chronic Upper Airway Disease. Current Pharmaceutical Design, 2012, 18, 2336-2346.   | 0.9 | 25        |
| 40 | Combined deficiency of peroxisomal $\beta$ -oxidation and ether lipid synthesis in mice causes only minor cortical neuronal migration defects but severe hypotonia. Molecular Genetics and Metabolism, 2010, 100, 71-76.                              | 0.5 | 18        |
| 41 | TNF/TNF-R1 pathway is involved in doxorubicin-induced acute sterile inflammation. Cell Death and Disease, 2013, 4, e961-e961.   | 2.7 | 16        |
| 42 | The adjuvant-like activity of Staphylococcal enterotoxin B in a murine asthma model is independent of IL-1R signaling. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 446-453.   | 2.7 | 15        |
| 43 | Functional characterization of the first missense variant in CEP78, a founder allele associated with cone rod dystrophy, hearing loss, and reduced male fertility. Human Mutation, 2020, 41, 998-1011.  | 1.1 | 15        |
| 44 | Peroxisomes in zebrafish: distribution pattern and knockdown studies. Histochemistry and Cell Biology, 2010, 134, 39-51.  | 0.8 | 14        |
| 45 | Lipid homeostasis and inflammatory activation are disturbed in classically activated macrophages with peroxisomal $\beta$ -oxidation deficiency. Immunology, 2018, 153, 342-356.  | 2.0 | 13        |
| 46 | Artificial Intelligence Predicts Severity of COVID-19 Based on Correlation of Exaggerated Monocyte Activation, Excessive Organ Damage and Hyperinflammatory Syndrome: A Prospective Clinical Study. Frontiers in Immunology, 2021, 12, 715072.        | 2.2 | 13        |
| 47 | Mouse Strain-Dependent Difference Toward the Staphylococcus aureus Allergen Serine Protease-Like Protein D Reveals a Novel Regulator of IL-33. Frontiers in Immunology, 2020, 11, 582044.   | 2.2 | 11        |
| 48 | Neutrophils Affect IL-33 Processing in Response to the Respiratory Allergen Alternaria alternata. Frontiers in Immunology, 2021, 12, 677848.  | 2.2 | 7         |
| 49 | Comment on "Potent Phagocytic Activity with Impaired Antigen Presentation Identifying Lipopolysaccharide-Tolerant Human Monocytes: Demonstration in Isolated Monocytes from Cystic Fibrosis Patients". Journal of Immunology, 2009, 183, 4831.1-4832. | 0.4 | 4         |
| 50 | Nasal Immunity, Rhinitis, and Rhinosinusitis. , 2015, , 1899-1921.  |     | 1         |
| 51 | The Pathogenesis of CRS: An Update. Current Otorhinolaryngology Reports, 2013, 1, 25-32.  | 0.2 | 0         |
| 52 | Role of IL-33 signaling in pollutant-induced allergic airway inflammation. , 2018, , .  |     | 0         |