

# Sophia Koutsogiannaki

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,064  
citations

567281  
15  
h-index

361022  
35  
g-index

37  
all docs

37  
docs citations

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times ranked

3573  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Characterization of Postoperative Mechanical Respiratory Requirement in Neonates and Infants Undergoing Cardiac Surgery on Cardiopulmonary Bypass in a Single Tertiary Institution. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 215-221.	1.3	1
2	Isoflurane attenuates sepsis-associated lung injury. Biochemical and Biophysical Research Communications, 2022, 599, 127-133.	2.1	2
3	Mechanistic consideration of the effect of perioperative volatile anesthetics on phagocytes. Clinical Immunology, 2021, 222, 108635.	3.2	8
4	The Role of Anesthetic Selection in Perioperative Bleeding. BioMed Research International, 2021, 2021, 1-6.	1.9	2
5	Anesthetics isoflurane and sevoflurane attenuate flagellin-mediated inflammation in the lung. Biochemical and Biophysical Research Communications, 2021, 557, 254-260.	2.1	5
6	Neutrophil and T Cell Functions in Patients with Congenital Heart Diseases: A Review. Pediatric Cardiology, 2021, 42, 1478-1482.	1.3	5
7	Pattern recognition receptors as therapeutic targets for bacterial, viral and fungal sepsis. International Immunopharmacology, 2021, 98, 107909.	3.8	11
8	The Microbial Flora in an Experimental Polymicrobial Abdominal Sepsis Model Probed by 16S rRNA Sequencing. Translational Perioperative and Pain Medicine, 2021, 8, 305-311.	0.1	0
9	Translational Role of Rodent Models to Study Ventilator-Induced Lung Injury.. Translational Perioperative and Pain Medicine, 2021, 8, 404-415.	0.1	0
10	The effect of anesthetics on toll like receptor 9. FASEB Journal, 2020, 34, 14645-14654.	0.5	3
11	COVID-19 pathophysiology: A review. Clinical Immunology, 2020, 215, 108427.	3.2	1,414
12	Model of Stretch-Induced Lung Injury to Study Different Lung Ventilation Regimens and the Role of Sedatives. Translational Perioperative and Pain Medicine, 2020, 7, 258-264.	0.1	1
13	Volatile anesthetics isoflurane and sevoflurane directly target and attenuate Toll-like receptor 4 system. FASEB Journal, 2019, 33, 14528-14541.	0.5	29
14	The volatile anesthetic sevoflurane reduces neutrophil apoptosis<i>via</i>Fas death domainâ€Fasâ€associated death domain interaction. FASEB Journal, 2019, 33, 12668-12679.	0.5	20
15	The Use of Volatile Anesthetics as Sedatives for Acute Respiratory Distress Syndrome. Translational Perioperative and Pain Medicine, 2019, 6, 27-38.	0.1	16
16	Volatile anesthetics affect macrophage phagocytosis. PLoS ONE, 2019, 14, e0216163.	2.5	25
17	Volatile Anesthetic Attenuates Phagocyte Function and Worsens Bacterial Loads in Wounds. Journal of Surgical Research, 2019, 233, 323-330.	1.6	17
18	The Outcomes of Pediatric Hematopoietic Stem Cell Transplantation Recipients Requiring Intensive Care Unit Admission- A Single Center Experience. Translational Perioperative and Pain Medicine, 2019, 6, 75-80.	0.1	3

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19	Validation of a Mathematical Model of Bidirectional Glenn Circulation With Aortopulmonary Collaterals and the Implications for Q P /Q S Calculation. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 395-401.	1.3	5
20	Safety profile after prolonged C3 inhibition. Clinical Immunology, 2018, 197, 96-106.	3.2	38
21	Unanticipated hospital admission in pediatric patients with congenital heart disease undergoing ambulatory noncardiac surgical procedures. Paediatric Anaesthesia, 2018, 28, 607-611.	1.1	8
22	Incidence and Risk Factors for Perioperative Cardiovascular and Respiratory Adverse Events in Pediatric Patients With Congenital Heart Disease Undergoing Noncardiac Procedures. Anesthesia and Analgesia, 2018, 127, 724-729.	2.2	20
23	Volatile Anesthetic Isoflurane Attenuates Liver Injury in Experimental Polymicrobial Sepsis Model. Translational Perioperative and Pain Medicine, 2018, 5, 63-74.	0.1	8
24	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. Toxicological Sciences, 2017, 156, kfw261.	3.1	35
25	Intravenous anesthetic propofol binds to 5â€lipooxygenase and attenuates leukotriene B<sub>4</sub> production. FASEB Journal, 2017, 31, 1584-1594.	0.5	11
26	Structural Implications for the Formation and Function of the Complement Effector Protein iC3b. Journal of Immunology, 2017, 198, 3326-3335.	0.8	21
27	Method development and validation for the quantitation of the complement inhibitor Cp40 in human and cynomolgus monkey plasma by UPLC-ESI-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1041-1042, 19-26.	2.3	8
28	The effect of different anesthetics on tumor cytotoxicity by natural killer cells. Toxicology Letters, 2017, 266, 23-31.	0.8	52
29	Complement C3 inhibitor Cp40 attenuates xenoreactions in pigâhearts perfused with human blood. Xenotransplantation, 2017, 24, e12262.	2.8	13
30	The Differential Effects of Anesthetics on Bacterial Behaviors. PLoS ONE, 2017, 12, e0170089.	2.5	13
31	Pediatric Perioperative Stress Responses and Anesthesia. Translational Perioperative and Pain Medicine, 2017, 2, 1-12.	0.1	9
32	Inhibition of preâ€existing natural periodontitis in nonâ€human primates by a locally administered peptide inhibitor of complement C3. Journal of Clinical Periodontology, 2016, 43, 238-249.	4.9	55
33	Complement C3dg-mediated erythrophagocytosis: implications for paroxysmal nocturnal hemoglobinuria. Blood, 2015, 126, 891-894.	1.4	89
34	Effects of cadmium and 17Î²-estradiol on Mytilus galloprovincialis redox status. Prooxidantâ€antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. Marine Environmental Research, 2015, 103, 80-88.	2.5	14
35	Oxidative stress parameters induced by exposure to either cadmium or 17Î²-estradiol on Mytilus galloprovincialis hemocytes. The role of signaling molecules. Aquatic Toxicology, 2014, 146, 186-195.	4.0	47
36	Effect of 17Î²-estradiol on adhesion of Mytilus galloprovincialis hemocytes to selected substrates. Role of alpha2 integrin subunit. Fish and Shellfish Immunology, 2011, 31, 73-80.	3.6	19

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37	Cytotoxic mechanisms of Zn <sup>2+</sup> and Cd <sup>2+</sup> involve Na <sup>+</sup> /H <sup>+</sup> exchanger (NHE) activation by ROS. Aquatic Toxicology, 2006, 78, 315-324.	4.0	37