

# Sophia Koutsogiannaki

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,064  
citations

566801

15  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
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. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 215-221.	0.6	1
2	Isoflurane attenuates sepsis-associated lung injury. <i>Biochemical and Biophysical Research Communications</i> , 2022, 599, 127-133.	1.0	2
3	Mechanistic consideration of the effect of perioperative volatile anesthetics on phagocytes. <i>Clinical Immunology</i> , 2021, 222, 108635.	1.4	8
4	The Role of Anesthetic Selection in Perioperative Bleeding. <i>BioMed Research International</i> , 2021, 2021, 1-6.	0.9	2
5	Anesthetics isoflurane and sevoflurane attenuate flagellin-mediated inflammation in the lung. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 254-260.	1.0	5
6	Neutrophil and T Cell Functions in Patients with Congenital Heart Diseases: A Review. <i>Pediatric Cardiology</i> , 2021, 42, 1478-1482.	0.6	5
7	Pattern recognition receptors as therapeutic targets for bacterial, viral and fungal sepsis. <i>International Immunopharmacology</i> , 2021, 98, 107909.	1.7	11
8	The Microbial Flora in an Experimental Polymicrobial Abdominal Sepsis Model Probed by 16S rRNA Sequencing. <i>Translational Perioperative and Pain Medicine</i> , 2021, 8, 305-311.	0.0	0
9	Translational Role of Rodent Models to Study Ventilator-Induced Lung Injury.. <i>Translational Perioperative and Pain Medicine</i> , 2021, 8, 404-415.	0.0	0
10	The effect of anesthetics on toll like receptor 9. <i>FASEB Journal</i> , 2020, 34, 14645-14654.	0.2	3
11	COVID-19 pathophysiology: A review. <i>Clinical Immunology</i> , 2020, 215, 108427.	1.4	1,414
12	Model of Stretch-Induced Lung Injury to Study Different Lung Ventilation Regimens and the Role of Sedatives. <i>Translational Perioperative and Pain Medicine</i> , 2020, 7, 258-264.	0.0	1
13	Volatile anesthetics isoflurane and sevoflurane directly target and attenuate Toll-like receptor 4 system. <i>FASEB Journal</i> , 2019, 33, 14528-14541.	0.2	29
14	The volatile anesthetic sevoflurane reduces neutrophil apoptosis via Fas death domain-associated death domain interaction. <i>FASEB Journal</i> , 2019, 33, 12668-12679.	0.2	20
15	The Use of Volatile Anesthetics as Sedatives for Acute Respiratory Distress Syndrome. <i>Translational Perioperative and Pain Medicine</i> , 2019, 6, 27-38.	0.0	16
16	Volatile anesthetics affect macrophage phagocytosis. <i>PLoS ONE</i> , 2019, 14, e0216163.	1.1	25
17	Volatile Anesthetic Attenuates Phagocyte Function and Worsens Bacterial Loads in Wounds. <i>Journal of Surgical Research</i> , 2019, 233, 323-330.	0.8	17
18	The Outcomes of Pediatric Hematopoietic Stem Cell Transplantation Recipients Requiring Intensive Care Unit Admission- A Single Center Experience. <i>Translational Perioperative and Pain Medicine</i> , 2019, 6, 75-80.	0.0	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. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 395-401.	0.6	5
20	Safety profile after prolonged C3 inhibition. <i>Clinical Immunology</i> , 2018, 197, 96-106.	1.4	38
21	Unanticipated hospital admission in pediatric patients with congenital heart disease undergoing ambulatory noncardiac surgical procedures. <i>Paediatric Anaesthesia</i> , 2018, 28, 607-611.	0.6	8
22	Incidence and Risk Factors for Perioperative Cardiovascular and Respiratory Adverse Events in Pediatric Patients With Congenital Heart Disease Undergoing Noncardiac Procedures. <i>Anesthesia and Analgesia</i> , 2018, 127, 724-729.	1.1	20
23	Volatile Anesthetic Isoflurane Attenuates Liver Injury in Experimental Polymicrobial Sepsis Model. <i>Translational Perioperative and Pain Medicine</i> , 2018, 5, 63-74.	0.0	8
24	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. <i>Toxicological Sciences</i> , 2017, 156, kfw261.	1.4	35
25	Intravenous anesthetic propofol binds to 5-lipoxygenase and attenuates leukotriene B <sub>4</sub> production. <i>FASEB Journal</i> , 2017, 31, 1584-1594.	0.2	11
26	Structural Implications for the Formation and Function of the Complement Effector Protein iC3b. <i>Journal of Immunology</i> , 2017, 198, 3326-3335.	0.4	21
27	Method development and validation for the quantitation of the complement inhibitor Cp40 in human and cynomolgus monkey plasma by UPLC-ESI-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 19-26.	1.2	8
28	The effect of different anesthetics on tumor cytotoxicity by natural killer cells. <i>Toxicology Letters</i> , 2017, 266, 23-31.	0.4	52
29	Complement C3 inhibitor Cp40 attenuates xenoreactions in pig hearts perfused with human blood. <i>Xenotransplantation</i> , 2017, 24, e12262.	1.6	13
30	The Differential Effects of Anesthetics on Bacterial Behaviors. <i>PLoS ONE</i> , 2017, 12, e0170089.	1.1	13
31	Pediatric Perioperative Stress Responses and Anesthesia. <i>Translational Perioperative and Pain Medicine</i> , 2017, 2, 1-12.	0.0	9
32	Inhibition of pre-existing natural periodontitis in non-human primates by a locally administered peptide inhibitor of complement C3. <i>Journal of Clinical Periodontology</i> , 2016, 43, 238-249.	2.3	55
33	Complement C3dg-mediated erythrophagocytosis: implications for paroxysmal nocturnal hemoglobinuria. <i>Blood</i> , 2015, 126, 891-894.	0.6	89
34	Effects of cadmium and 17 $\beta$ -estradiol on <i>Mytilus galloprovincialis</i> redox status. Prooxidant-antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. <i>Marine Environmental Research</i> , 2015, 103, 80-88.	1.1	14
35	Oxidative stress parameters induced by exposure to either cadmium or 17 $\beta$ -estradiol on <i>Mytilus galloprovincialis</i> hemocytes. The role of signaling molecules. <i>Aquatic Toxicology</i> , 2014, 146, 186-195.	1.9	47
36	Effect of 17 $\beta$ -estradiol on adhesion of <i>Mytilus galloprovincialis</i> hemocytes to selected substrates. Role of alpha2 integrin subunit. <i>Fish and Shellfish Immunology</i> , 2011, 31, 73-80.	1.6	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. <i>Aquatic Toxicology</i> , 2006, 78, 315-324.	1.9	37