

# Michael Kirsch

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

173  
citations

1163117

8  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial oxygen carriers in organ preservation: Dose dependency in a rat model of ex vivo normothermic kidney perfusion. <i>Artificial Organs</i> , 2022, 46, 1783-1793.	1.9	5
2	Solvent Cage Concept for the Homolytic Fragmentation of the Peroxynitrite-CO <sub>2</sub> Adduct, ONOOCO <sub>2</sub> <sup>•</sup> . <i>Chemical Research in Toxicology</i> , 2022, 35, 1135-1145.	3.3	0
3	Synergistic Effect of Î <sup>2</sup> -alanine and Aprotinin on Mesenteric Ischemia. <i>Journal of Surgical Research</i> , 2021, 263, 78-88.	1.6	4
4	Synthesis and characterization of enzymatically active micrometer protein-capsules. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 606-613.	2.8	0
5	Functionality of Albumin-derived Perfluorocarbon-Based Artificial Oxygen Carriers in the Langendorff Heart. <i>Regenerative Medicine, Artificial Cells and Nanomedicine</i> , 2021, , 935-958.	0.1	0
6	Prevention of Decompression Sickness by Novel Artificial Oxygen Carriers. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2127-2135.	0.4	3
7	Albumin-derived perfluorocarbon-based artificial oxygen carriers can avoid hypoxic tissue damage in massive hemodilution. <i>Scientific Reports</i> , 2020, 10, 11950.	3.3	14
8	Accelerated trypsin autolysis by affinity polymer templates. <i>RSC Advances</i> , 2020, 10, 28711-28719.	3.6	2
9	Synthesis and characterisation of aqueous haemoglobin-based microcapsules coated by genipin-cross-linked albumin. <i>Journal of Microencapsulation</i> , 2020, 37, 193-204.	2.8	7
10	&lt;p&gt;Microvascular stasis and hemolysis: coincidence or causality?&lt;/p&gt;. <i>Journal of Inflammation Research</i> , 2019, Volume 12, 109-111.	3.5	4
11	Protective Effects of Sodium Pyruvate during Systemic Inflammation Limited to the Correction of Metabolic Acidosis. <i>Inflammation</i> , 2019, 42, 598-605.	3.8	3
12	Therapeutic effects of physostigmine during systemic inflammation. <i>Journal of Inflammation Research</i> , 2018, Volume 11, 465-475.	3.5	1
13	Moderate glucose supply reduces hemolysis during systemic inflammation. <i>Journal of Inflammation Research</i> , 2018, Volume 11, 87-94.	3.5	9
14	Attenuation of intestinal ischemia-reperfusion-injury by Î <sup>2</sup> -alanine: a potentially glycine-receptor mediated effect. <i>Journal of Surgical Research</i> , 2017, 211, 233-241.	1.6	13
15	Albumin-derived perfluorocarbon-based artificial oxygen carriers: A physico-chemical characterization and first in vivo evaluation of biocompatibility. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 52-64.	4.3	34
16	Functionality of albumin-derived perfluorocarbon-based artificial oxygen carriers in the Langendorff-heart. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 723-730.	2.8	31
17	High-Affinity Copolymers Inhibit Digestive Enzymes by Surface Recognition. <i>Biomacromolecules</i> , 2017, 18, 1772-1784.	5.4	17
18	Molecular Tweezers Inhibit PARP-1 by a New Mechanism. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2223-2229.	2.4	8

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19	Effect of Glycine, Pyruvate, and Resveratrol on the Regeneration Process of Postischemic Intestinal Mucosa. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	3
20	Safety of poly (ethylene glycol)-coated perfluorodecalin-filled poly (lactide-co-glycolide) microcapsules following intravenous administration of high amounts in rats. <i>Results in Pharma Sciences</i> , 2014, 4, 8-18.	4.2	15