

# Andrey V Malkovskiy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5099968/publications.pdf>

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22  
papers

1,012  
citations

623734

14  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Filamentous Bacteriophage Promote Biofilm Assembly and Function. <i>Cell Host and Microbe</i> , 2015, 18, 549-559.	11.0	235
2	Transdermal deferoxamine prevents pressure-induced diabetic ulcers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 94-99.	7.1	160
3	Three-dimensional fabrication of cell-laden biodegradable poly(ethylene glycol-co-depsipeptide) hydrogels by visible light stereolithography. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8348-8358.	5.8	99
4	Prolonged survival of transplanted stem cells after ischaemic injury via the slow release of pro-survival peptides from a collagen matrix. <i>Nature Biomedical Engineering</i> , 2018, 2, 104-113.	22.5	71
5	Pf4 bacteriophage produced by <i>Pseudomonas aeruginosa</i> inhibits <i>Aspergillus fumigatus</i> metabolism via iron sequestration. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1583-1594.	1.8	63
6	Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles. <i>Biomaterials</i> , 2014, 35, 803-813.	11.4	46
7	Interdependence of a mechanosensitive anion channel and glutamate receptors in distal wound signaling. <i>Science Advances</i> , 2021, 7, eabg4298.	10.3	45
8	[Pyr1]-Apelin-13 delivery via nano-liposomal encapsulation attenuates pressure overload-induced cardiac dysfunction. <i>Biomaterials</i> , 2015, 37, 289-298.	11.4	44
9	4-Methylumbelliferyl glucuronide contributes to hyaluronan synthesis inhibition. <i>Journal of Biological Chemistry</i> , 2019, 294, 7864-7877.	3.4	40
10	PEG/Dextran Double Layer Influences Fe Ion Release and Colloidal Stability of Iron Oxide Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 4286.	3.3	36
11	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , 2021, 10, .	6.0	31
12	Transdermal Delivery of Functional Collagen Via Polyvinylpyrrolidone Microneedles. <i>Annals of Biomedical Engineering</i> , 2015, 43, 2978-2990.	2.5	30
13	A Thermo-Sensitive Delivery Platform for Topical Administration of Inflammatory Bowel Disease Therapies. <i>Gastroenterology</i> , 2015, 149, 52-55.e2.	1.3	24
14	Repurposing Disulfiram (Tetraethylthiuram Disulfide) as a Potential Drug Candidate against <i>Borrelia burgdorferi</i> In Vitro and In Vivo. <i>Antibiotics</i> , 2020, 9, 633.	3.7	22
15	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles <i>In Vivo</i> . <i>ACS Nano</i> , 2021, 15, 19956-19969.	14.6	19
16	Dynamic CT imaging of volumetric changes in pulmonary nodules correlates with physical measurements of stiffness. <i>Radiotherapy and Oncology</i> , 2017, 122, 313-318.	0.6	11
17	Identification of early inflammatory changes in the tympanic membrane with Raman spectroscopy. <i>Analyst</i> , 2019, 144, 6721-6728.	3.5	10
18	Solvent Microenvironments and Copper Binding Alters the Conformation and Toxicity of a Prion Fragment. <i>PLoS ONE</i> , 2013, 8, e85160.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Salivary Thiocyanate as a Biomarker of Cystic Fibrosis Transmembrane Regulator Function. Analytical Chemistry, 2019, 91, 7929-7934.	6.5	6
20	Integrated Ca <sup>2+</sup> flux and AFM force analysis in human iPSC-derived cardiomyocytes. Biological Chemistry, 2020, 402, 113-121.	2.5	5
21	First plant cell atlas workshop report. Plant Direct, 2020, 4, e00271.	1.9	3
22	The Effect of Ethanol Consumption on Composition and Morphology of Femur Cortical Bone in Wild-Type and ALDH2*2-Homozygous Mice. Calcified Tissue International, 2021, 108, 265-276.	3.1	3