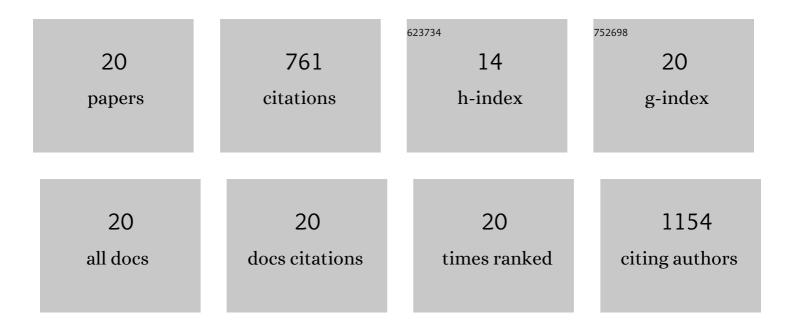
## Alexandru Korotcov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11262715/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Meningeal and Visual Pathway Magnetic Resonance Imaging Analysis after Single and Repetitive Closed-Head Impact Model of Engineered Rotational Acceleration (CHIMERA)-Induced Disruption in Male and Female Mice. Journal of Neurotrauma, 2022, 39, 784-799.	3.4	3
2	Genetic inactivation of SARM1 axon degeneration pathway improves outcome trajectory after experimental traumatic brain injury based on pathological, radiological, and functional measures. Acta Neuropathologica Communications, 2021, 9, 89.	5.2	23
3	Translationally Relevant Magnetic Resonance Imaging Markers in a Ferret Model of Closed Head Injury. Frontiers in Neuroscience, 2021, 15, 779533.	2.8	2
4	Graph Convolutional Neural Networks as "General-Purpose―Property Predictors: The Universality and Limits of Applicability. Journal of Chemical Information and Modeling, 2020, 60, 22-28.	5.4	60
5	Investigation of the effect of dietary intake of omegaâ€3 polyunsaturated fatty acids on traumaâ€induced white matter injury with quantitative diffusion MRI in mice. Journal of Neuroscience Research, 2020, 98, 2232-2244.	2.9	3
6	Transplantation of induced neural stem cells (iNSCs) into chronically demyelinated corpus callosum ameliorates motor deficits. Acta Neuropathologica Communications, 2020, 8, 84.	5.2	21
7	Subcutaneous Administration of Angiotensin-(1-7) Improves Recovery after Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2019, 36, 3115-3131.	3.4	26
8	Neuronal and vascular deficits following chronic adaptation to high altitude. Experimental Neurology, 2019, 311, 293-304.	4.1	20
9	Comparing and Validating Machine Learning Models for <i>Mycobacterium tuberculosis</i> Drug Discovery. Molecular Pharmaceutics, 2018, 15, 4346-4360.	4.6	83
10	Comparison of Deep Learning With Multiple Machine Learning Methods and Metrics Using Diverse Drug Discovery Data Sets. Molecular Pharmaceutics, 2017, 14, 4462-4475.	4.6	249
11	Non-Invasive MRI and Spectroscopy of mdx Mice Reveal Temporal Changes in Dystrophic Muscle Imaging and in Energy Deficits. PLoS ONE, 2014, 9, e112477.	2.5	26
12	A Nanocomplex System as Targeted Contrast Agent Delivery Vehicle for Magnetic Resonance Imaging Dynamic Contrast Enhancement Study. Journal of Nanoscience and Nanotechnology, 2010, 10, 7545-7549.	0.9	4
13	Well-Aligned <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">id="E1"&gt;<mml:mrow><mml:msub><mml:mrow><mml:mtext>IrO</mml:mtext></mml:mrow><mml:mtext>2Journal of Nanomaterials, 2007, 2007, 1-17.</mml:mtext></mml:msub></mml:mrow></mml:math>	nl <b>217</b> text>	<b sml:msub
14	Structures and Electrochemical Capacitive Properties of RuO2Vertical Nanorods Encased in Hydrous RuO2. Journal of Physical Chemistry C, 2007, 111, 9530-9537.	3.1	84
15	Effect of length, spacing and morphology of vertically aligned RuO2nanostructures on field-emission properties. Nanotechnology, 2006, 17, 3149-3153.	2.6	19
16	Selective growth of IrO2nanorods using metalorganic chemical vapor deposition. Journal of Materials Chemistry, 2006, 16, 780-786.	6.7	23
17	Growth and Characterization of Well-Aligned RuO2 Nanocrystals on Oxide Substrates via Reactive Sputtering. Crystal Growth and Design, 2006, 6, 2501-2506.	3.0	22
18	Raman scattering characterization of well-aligned IrO2 nanocrystals grown on sapphire substrates via reactive sputtering. Journal of Raman Spectroscopy, 2006, 37, 1411-1415.	2.5	10

#	Article	IF	CITATIONS
19	Growth and characterization of well aligned densely packed IrO2nanocrystals on sapphire via reactive sputtering. Journal of Physics Condensed Matter, 2006, 18, 1121-1136.	1.8	16
20	One-dimensional conductive IrO2nanocrystals. Nanotechnology, 2006, 17, R67-R87.	2.6	59