

# Ilgar Salekh Mamedov

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

321  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prerequisites for the creation of an atlas of postcovid inflammation as a way of personalized pharmacotherapy, as well as predicting and preventing organ and systemic dysfunctions. Meditsinskiy Sovet, 2021, , 72-88.	0.5	6
2	Actuality and perspectives of a personal approach to change the immune system functional activity based on micronutrients. Molekulyarnaya Meditsina (Molecular Medicine), 2020, 18, 3-12.	0.2	0
3	Carnitine insufficiency in children with inborn errors of metabolism: prevalence and treatment efficacy. Journal of Pediatric Endocrinology and Metabolism, 2015, 28, 1299-304.	0.9	9
4	Comparison of Chromatographic Methods for Determination of the Major Metabolites of Catecholamines and Serotonin. International Journal of Biomedicine, 2015, 5, 87-90.	0.2	1
5	Diffusion properties of conventional and calcium-sensitive MRI contrast agents in the rat cerebral cortex. Contrast Media and Molecular Imaging, 2014, 9, 71-82.	0.8	22
6	Multimodal contrast agents for in vivo neuroanatomical analysis of monosynaptic connections. Biomaterials, 2013, 34, 7135-7142.	11.4	6
7	Dual-functional probes towards in vivo studies of brain connectivity and plasticity. Chemical Communications, 2012, 48, 2755-2757.	4.1	13
8	A smart <sup>19</sup> F and <sup>1</sup> H MRI probe with self-immolative linker as a versatile tool for detection of enzymes. Contrast Media and Molecular Imaging, 2012, 7, 478-483.	0.8	37
9	Influence of Calcium-Induced Aggregation on the Sensitivity of Aminobis(methylenephosphonate)-Containing Potential MRI Contrast Agents. Inorganic Chemistry, 2011, 50, 6472-6481.	4.0	16
10	Structure-related variable responses of calcium sensitive MRI probes. Organic and Biomolecular Chemistry, 2011, 9, 5816.	2.8	17
11	Cation-Responsive MRI Contrast Agents Based on Gadolinium(III). Current Inorganic Chemistry, 2011, 1, 76-90.	0.2	20
12	Synthesis and characterization of dinuclear heterometallic lanthanide complexes exhibiting MRI and luminescence response. Dalton Transactions, 2010, 39, 5721.	3.3	36
13	In Vivo Characterization of a Smart MRI Agent That Displays an Inverse Response to Calcium Concentration. ACS Chemical Neuroscience, 2010, 1, 819-828.	3.5	27
14	Relaxometric, Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes of DO3A-Based Propylphosphonates. European Journal of Inorganic Chemistry, 2009, 2009, 3298-3306.	2.0	8
15	Smart Magnetic Resonance Imaging Agents that Sense Extracellular Calcium Fluctuations. ChemBioChem, 2008, 9, 1729-1734.	2.6	84
16	Synthesis and characterization of lanthanide complexes of DO3A-alkylphosphonates. Dalton Transactions, 2007, , 5260.	3.3	19