

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