

# Bulat I Gizatullin

## List of Publications by Year in descending order

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22  
papers

192  
citations

1163117

8  
h-index

1058476

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g-index

22  
all docs

22  
docs citations

22  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-cycling NMR and DNP – A friendship with benefits. <i>Journal of Magnetic Resonance</i> , 2021, 322, 106851.	2.1	10
2	Quantifying Crude Oil Contamination in Sand and Soil by EPR Spectroscopy. <i>Applied Magnetic Resonance</i> , 2021, 52, 633-648.	1.2	4
3	Molecular Dynamics in Ionic Liquid/Radical Systems. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4850-4862.	2.6	9
4	Molecular Dynamics and Proton Hyperpolarization via Synthetic and Crude Oil Porphyrin Complexes in Solid and Solution States. <i>Langmuir</i> , 2021, 37, 6783-6791.	3.5	14
5	Non-Exponential <sup>1</sup> H and <sup>2</sup> H NMR Relaxation and Self-Diffusion in Asphaltene-Maltene Solutions. <i>Molecules</i> , 2021, 26, 5218.	3.8	2
6	Combination of MRI and SEM to Assess Changes in the Chemical Properties and Permeability of Porous Media due to Barite Precipitation. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 226.	2.0	16
7	Hyperpolarization by DNP and Molecular Dynamics: Eliminating the Radical Contribution in NMR Relaxation Studies. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9963-9970.	2.6	7
8	X-nuclei hyperpolarization for studying molecular dynamics by DNP-FFC. <i>Journal of Magnetic Resonance</i> , 2019, 307, 106583.	2.1	5
9	Native Vanadyl Complexes in Crude Oil as Polarizing Agents for In Situ Proton Dynamic Nuclear Polarization. <i>Energy &amp; Fuels</i> , 2019, 33, 10923-10932.	5.1	29
10	Overhauser DNP FFC study of block copolymer diluted solution. <i>Magnetic Resonance Imaging</i> , 2019, 56, 96-102.	1.8	5
11	Application of low-field, <sup>1</sup> H/ <sup>13</sup> C high-field solution and solid state NMR for characterisation of oil fractions responsible for wettability change in sandstones. <i>Magnetic Resonance Imaging</i> , 2019, 56, 77-85.	1.8	8
12	On the influence of wetting behaviour on relaxation of adsorbed liquids – A combined NMR, EPR and DNP study of aged rocks. <i>Magnetic Resonance Imaging</i> , 2019, 56, 63-69.	1.8	6
13	Dynamics of ionic liquids in poly(vinyl alcohol) porous scaffold. Low field NMR study. <i>Magnetic Resonance Imaging</i> , 2019, 56, 126-130.	1.8	6
14	Application of the LASSO algorithm for fitting the multiexponential data of the NMR relaxometry. <i>Journal of Physics: Conference Series</i> , 2018, 1141, 012148.	0.4	4
15	Proton–Radical Interaction in Crude Oil – A Combined NMR and EPR Study. <i>Energy &amp; Fuels</i> , 2018, 32, 11261-11268.	5.1	37
16	Dynamic Nuclear Polarization Fast Field Cycling Method for the Selective Study of Molecular Dynamics in Block Copolymers. <i>ChemPhysChem</i> , 2017, 18, 2347-2356.	2.1	14
17	Study of the Distribution of Organic Molecules in the Porous Space of Vycor Glasses. <i>Applied Magnetic Resonance</i> , 2015, 46, 141-151.	1.2	0
18	Proton NMR of water colloidal solutions of nanosized crystalline LaF <sub>3</sub> and LaF <sub>3</sub> :Gd <sup>3+</sup> particles. <i>Low Temperature Physics</i> , 2015, 41, 67-69.	0.6	1

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19	Estimability of Heavy Oil Viscosity by Nuclear Magnetic Resonances Researches. , 2014, , .		0
20	Disordering of phospholipid headgroups induced by a small amount of polyethylene oxide. Magnetic Resonance in Chemistry, 2013, 51, 1-3.	1.9	3
21	Spatial structure of heptapeptide Glu-Ile-Leu-Asn-His-Met-Lys, a fragment of the HIV enhancer prostatic acid phosphatase, in aqueous and SDS micelle solutions. Journal of Molecular Structure, 2013, 1033, 59-66.	3.6	12
22	Effect of a porous medium on the phase transitions and mobility of cyclohexane molecules. Colloid Journal, 2009, 71, 308-312.	1.3	0