

# Bulat I Gizatullin

## List of Publications by Year in descending order

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22  
papers

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citations

1163117

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1058476

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22  
all docs

22  
docs citations

22  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protonâ€™Radical Interaction in Crude Oilâ€™A Combined NMR and EPR Study. Energy & Fuels, 2018, 32, 11261-11268.	5.1	37
2	Native Vanadyl Complexes in Crude Oil as Polarizing Agents for In Situ Proton Dynamic Nuclear Polarization. Energy & Fuels, 2019, 33, 10923-10932.	5.1	29
3	Combination of MRI and SEM to Assess Changes in the Chemical Properties and Permeability of Porous Media due to Barite Precipitation. Minerals (Basel, Switzerland), 2020, 10, 226.	2.0	16
4	Dynamic Nuclear Polarization Fast Field Cycling Method for the Selective Study of Molecular Dynamics in Block Copolymers. ChemPhysChem, 2017, 18, 2347-2356.	2.1	14
5	Molecular Dynamics and Proton Hyperpolarization via Synthetic and Crude Oil Porphyrin Complexes in Solid and Solution States. Langmuir, 2021, 37, 6783-6791.	3.5	14
6	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
7	Field-cycling NMR and DNP â€™ A friendship with benefits. Journal of Magnetic Resonance, 2021, 322, 106851.	2.1	10
8	Molecular Dynamics in Ionic Liquid/Radical Systems. Journal of Physical Chemistry B, 2021, 125, 4850-4862.	2.6	9
9	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. Magnetic Resonance Imaging, 2019, 56, 77-85.	1.8	8
10	Hyperpolarization by DNP and Molecular Dynamics: Eliminating the Radical Contribution in NMR Relaxation Studies. Journal of Physical Chemistry B, 2019, 123, 9963-9970.	2.6	7
11	On the influence of wetting behaviour on relaxation of adsorbed liquids â€™ A combined NMR, EPR and DNP study of aged rocks. Magnetic Resonance Imaging, 2019, 56, 63-69.	1.8	6
12	Dynamics of ionic liquids in poly(vinyl alcohol) porous scaffold. Low field NMR study. Magnetic Resonance Imaging, 2019, 56, 126-130.	1.8	6
13	X-nuclei hyperpolarization for studying molecular dynamics by DNP-FFC. Journal of Magnetic Resonance, 2019, 307, 106583.	2.1	5
14	Overhauser DNP FFC study of block copolymer diluted solution. Magnetic Resonance Imaging, 2019, 56, 96-102.	1.8	5
15	Application of the LASSO algorithm for fitting the multiexponential data of the NMR relaxometry. Journal of Physics: Conference Series, 2018, 1141, 012148.	0.4	4
16	Quantifying Crude Oil Contamination in Sand and Soil by EPR Spectroscopy. Applied Magnetic Resonance, 2021, 52, 633-648.	1.2	4
17	Disordering of phospholipid headgroups induced by a small amount of polyethylene oxide. Magnetic Resonance in Chemistry, 2013, 51, 1-3.	1.9	3
18	Non-Exponential <sup>1</sup> H and <sup>2</sup> H NMR Relaxation and Self-Diffusion in Asphaltene-Maltene Solutions. Molecules, 2021, 26, 5218.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Proton NMR of water colloidal solutions of nanosized crystalline LaF <sub>3</sub> and LaF <sub>3</sub> :Gd <sup>3+</sup> particles. Low Temperature Physics, 2015, 41, 67-69.	0.6	1
20	Effect of a porous medium on the phase transitions and mobility of cyclohexane molecules. Colloid Journal, 2009, 71, 308-312.	1.3	0
21	Estimability of Heavy Oil Viscosity by Nuclear Magnetic Resonances Researches. , 2014, , .		0
22	Study of the Distribution of Organic Molecules in the Porous Space of Vycor Glasses. Applied Magnetic Resonance, 2015, 46, 141-151.	1.2	0