

# Almaz L Zinnatullin

## List of Publications by Year in descending order

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24  
papers

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citations

1307594

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1058476

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docs citations

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times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic combustion of heavy oil using $\hat{\Gamma}^3\text{-Fe}_2\text{O}_3$ nanocatalyst in in-situ combustion process. Journal of Petroleum Science and Engineering, 2022, 209, 109819.	4.2	7
2	Using the oil-soluble copper-based catalysts with different organic ligands for in-situ catalytic upgrading of heavy oil. Fuel, 2022, 312, 122914.	6.4	14
3	Oil dispersed nickel-based catalyst for catalytic upgrading of heavy oil using supercritical water. Fuel, 2022, 313, 122702.	6.4	31
4	Magnetic dipolar correlations in sillenite-structure bismuth ferrite: magnetic and MÃ¶ssbauer effect studies. Journal of Physics and Chemistry of Solids, 2022, 164, 110632.	4.0	3
5	Transformation of BiFeO <sub>3</sub> magnetic properties by Eu doping: magnetometry and MÃ¶ssbauer studies. Journal of Solid State Chemistry, 2022, 312, 123216.	2.9	5
6	Effect of Different Water Content and Catalyst on the Performance of Heavy Oil Oxidation in Porous Media for In Situ Upgrading. Industrial & Engineering Chemistry Research, 2022, 61, 9234-9248.	3.7	4
7	Entropy-stabilized metal oxide nanoparticles supported on reduced graphene oxide as a highly active heterogeneous catalyst for selective and solvent-free oxidation of toluene: a combined experimental and numerical investigation. Journal of Materials Chemistry A, 2022, 10, 14488-14500.	10.3	12
8	Improving heavy oil oxidation performance by oil-dispersed CoFe <sub>2</sub> O <sub>4</sub> nanoparticles in In-situ combustion process for enhanced oil recovery. Fuel, 2021, 285, 119216.	6.4	25
9	Oil-Dispersed $\hat{\Gamma}^{\pm}\text{-Fe}_{2}\text{O}_{3}$ Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. Energy & Fuels, 2021, 35, 10498-10511.	5.1	15
10	Fundamental insight into pyrolysis and oxidation process of ferric (III) stearate. Journal of Analytical and Applied Pyrolysis, 2021, 161, 105367.	5.5	2
11	Response to Comment on Oil-Dispersed $\hat{\Gamma}^{\pm}\text{-Fe}_{2}\text{O}_{3}$ Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. Energy & Fuels, 2021, 35, 20413-20417.	5.1	1
12	Low-temperature investigation of natural iron-rich oxoborates vonsenite and hulsite: thermal deformations of crystal structure, strong negative thermal expansion and cascades of magnetic transitions. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 1021-1034.	1.1	4
13	Oxidation of Heavy Oil Using Oil-Dispersed Transition Metal Acetylacetonate Catalysts for Enhanced Oil Recovery. Energy & Fuels, 2021, 35, 20284-20299.	5.1	7
14	Investigation of thermal behavior of mixed-valent iron borates vonsenite and hulsite containing [O<i>M</i><sub>4</sub>]<i>n</i><sup>+</sup> and [O<i>M</i><sub>5</sub>]<i>n</i><sup>+</sup> oxocentred polyhedra by<i> in situ</i> high-temperature MÃ¶ssbauer spectroscopy, X-ray diffraction and thermal analysis. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 543-553.	1.1	5
15	In-situ catalytic upgrading of heavy oil using oil-soluble transition metal-based catalysts. Fuel, 2020, 281, 118753.	6.4	66
16	Magnetic phase composition of ZnO film heavily implanted with Fe ions. Applied Surface Science, 2019, 489, 220-225.	6.1	3
17	Observation of $\hat{\Gamma}^{\mu}\text{-Fe}_2\text{O}_3$ nanoparticles precipitated in potassium aluminoborate glasses doped with 4â€‰mol % Fe <sub>2</sub> O <sub>3</sub> . Journal of Physics and Chemistry of Solids, 2019, 133, 7-14.	4.0	2
18	Long-lived photoinduced absorption in granular molybdenum disulfide thin films. Journal of Physics: Conference Series, 2018, 1058, 012016.	0.4	0

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19	Thermal Expansion of FeBO <sub>3</sub> and Fe <sub>3</sub> BO <sub>6</sub> Antiferromagnets Near the Neel Temperature. Journal of Structural Chemistry, 2018, 59, 1980-1988.	1.0	10
20	Mössbauer effect studies of thin iron films synthesized by ion beam assisted deposition technique. Journal of Physics: Conference Series, 2018, 1058, 012015.	0.4	0
21	Synthesis and Studies of Palladium-Iron Alloy Thin Film with L10 Ordered Structure. Russian Physics Journal, 2018, 61, 1252-1257.	0.4	0
22	Magnetic and Mössbauer effect studies of ZnO thin film implanted with iron ions to high fluence. Journal of Physics: Conference Series, 2017, 789, 012072.	0.4	1
23	Synthesis and properties of the molybdenum and tungsten disulfide thin films. Journal of Physics: Conference Series, 2017, 789, 012073.	0.4	0
24	New applications of the Mössbauer effect. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 779-783.	0.6	0