

Almaz L Zinnatullin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

217
citations

1307594

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1058476

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24
all docs

24
docs citations

24
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ catalytic upgrading of heavy oil using oil-soluble transition metal-based catalysts. <i>Fuel</i> , 2020, 281, 118753.	6.4	66
2	Oil dispersed nickel-based catalyst for catalytic upgrading of heavy oil using supercritical water. <i>Fuel</i> , 2022, 313, 122702.	6.4	31
3	Improving heavy oil oxidation performance by oil-dispersed CoFe ₂ O ₄ nanoparticles in In-situ combustion process for enhanced oil recovery. <i>Fuel</i> , 2021, 285, 119216.	6.4	25
4	Oil-Dispersed γ -Fe ₂ O ₃ Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. <i>Energy & Fuels</i> , 2021, 35, 10498-10511.	5.1	15
5	Using the oil-soluble copper-based catalysts with different organic ligands for in-situ catalytic upgrading of heavy oil. <i>Fuel</i> , 2022, 312, 122914.	6.4	14
6	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. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14488-14500.	10.3	12
7	Thermal Expansion of FeBO ₃ and Fe ₃ BO ₆ Antiferromagnets Near the Neel Temperature. <i>Journal of Structural Chemistry</i> , 2018, 59, 1980-1988.	1.0	10
8	Catalytic combustion of heavy oil using γ -Fe ₂ O ₃ nanocatalyst in in-situ combustion process. <i>Journal of Petroleum Science and Engineering</i> , 2022, 209, 109819.	4.2	7
9	Oxidation of Heavy Oil Using Oil-Dispersed Transition Metal Acetylacetonate Catalysts for Enhanced Oil Recovery. <i>Energy & Fuels</i> , 2021, 35, 20284-20299.	5.1	7
10	Investigation of thermal behavior of mixed-valent iron borates vonsenite and hulsite containing [O ₄ M ⁿ] ⁿ⁺ and [O ₅ M ⁿ] ⁿ⁺ oxocentred polyhedra by in situ high-temperature Mössbauer spectroscopy, X-ray diffraction and thermal analysis. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 543-553.	1.1	5
11	Transformation of BiFeO ₃ magnetic properties by Eu doping: magnetometry and Mössbauer studies. <i>Journal of Solid State Chemistry</i> , 2022, 312, 123216.	2.9	5
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. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 1021-1034.	1.1	4
13	Effect of Different Water Content and Catalyst on the Performance of Heavy Oil Oxidation in Porous Media for In Situ Upgrading. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 9234-9248.	3.7	4
14	Magnetic phase composition of ZnO film heavily implanted with Fe ions. <i>Applied Surface Science</i> , 2019, 489, 220-225.	6.1	3
15	Magnetic dipolar correlations in sillenite-structure bismuth ferrite: magnetic and Mössbauer effect studies. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 164, 110632.	4.0	3
16	Observation of μ -Fe ₂ O ₃ nanoparticles precipitated in potassium aluminoborate glasses doped with 4 mol % Fe ₂ O ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 2019, 133, 7-14.	4.0	2
17	Fundamental insight into pyrolysis and oxidation process of ferric (III) stearate. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 161, 105367.	5.5	2
18	Magnetic and Mössbauer effect studies of ZnO thin film implanted with iron ions to high fluence. <i>Journal of Physics: Conference Series</i> , 2017, 789, 012072.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Response to Comment on Oil-Dispersed Fe_2O_3 Nanoparticles as a Catalyst for Improving Heavy Oil Oxidation. Energy & Fuels, 2021, 35, 20413-20417.	5.1	1
20	Synthesis and properties of the molybdenum and tungsten disulfide thin films. Journal of Physics: Conference Series, 2017, 789, 012073.	0.4	0
21	New applications of the Mössbauer effect. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 779-783.	0.6	0
22	Long-lived photoinduced absorption in granular molybdenum disulfide thin films. Journal of Physics: Conference Series, 2018, 1058, 012016.	0.4	0
23	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
24	Synthesis and Studies of Palladium-Iron Alloy Thin Film with L10 Ordered Structure. Russian Physics Journal, 2018, 61, 1252-1257.	0.4	0