

# Petr A Chernavskii

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1650110/publications.pdf>

Version: 2024-02-01

12  
papers

337  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	The nature of cobalt species in carbon nanotubes and their catalytic performance in Fischer–Tropsch reaction. <i>Journal of Materials Chemistry</i> , 2009, 19, 9241.	6.7	88
2	Influence of copper and potassium on the structure and carbidisation of supported iron catalysts for Fischer–Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2017, 7, 2325-2334.	4.1	52
3	Sintered Fe/CNT framework catalysts for CO <sub>2</sub> hydrogenation into hydrocarbons. <i>Carbon</i> , 2020, 168, 475-484.	10.3	43
4	Soldering of Iron Catalysts for Direct Synthesis of Light Olefins from Syngas under Mild Reaction Conditions. <i>ACS Catalysis</i> , 2017, 7, 6445-6452.	11.2	42
5	Design of iron catalysts supported on carbon–silica composites with enhanced catalytic performance in high-temperature Fischer–Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2016, 6, 4953-4961.	4.1	26
6	Fischer-Tropsch synthesis over carbon-encapsulated cobalt and iron nanoparticles embedded in 3D-framework of carbon nanotubes. <i>Journal of Catalysis</i> , 2020, 389, 270-284.	6.2	25
7	3D Frameworks with Variable Magnetic and Electrical Features from Sintered Cobalt-Modified Carbon Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20983-20994.	8.0	18
8	Potassium as a Structural Promoter for an Iron/Activated Carbon Catalyst: Unusual Effect of Component Deposition Order on Magnetite Particle Size and Catalytic Behavior in Fischer–Tropsch Synthesis. <i>ChemCatChem</i> , 2018, 10, 1313-1320.	3.7	16
9	Dimensional Effects in the Carbidization of Supported Iron Nanoparticles. <i>ChemCatChem</i> , 2013, 5, 1758-1761.	3.7	10
10	Unusual Effect of Support Carbonization on the Structure and Performance of Fe/MgAl <sub>2</sub> O <sub>4</sub> Fischer–Tropsch Catalyst. <i>Energy Technology</i> , 2021, 9, 2000877.	3.8	9
11	Carbon–Silica Composite as an Effective Support for Iron Fischer–Tropsch Synthesis Catalysts. <i>Energy Technology</i> , 2019, 7, 1800961.	3.8	7
12	Effect of MgAl <sub>2</sub> O <sub>4</sub> Surface Area on the Structure of Supported Fe and Catalytic Performance in Fischer–Tropsch Synthesis. <i>Energy Technology</i> , 2020, 8, 1901327.	3.8	1