

# Radu Dorin Andrei

## List of Publications by Year in descending order

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16  
papers

397  
citations

840585

11  
h-index

940416

16  
g-index

16  
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16  
docs citations

16  
times ranked

521  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step non-hydrolytic sol-gel synthesis of mesoporous SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -NiO catalysts for ethylene oligomerization. <i>Microporous and Mesoporous Materials</i> , 2021, 322, 111165.	2.2	20
2	Nitrogen Functionalization of CVD Grown Three-Dimensional Graphene Foam for Hydrogen Evolution Reactions in Alkaline Media. <i>Materials</i> , 2021, 14, 4952.	1.3	15
3	Ethylene Oligomerization from Diluted Stream over Ni-Containing Heterogeneous Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 1746-1752.	1.8	20
4	Carbon Nanofibers Production via the Electrospinning Process. <i>Energies</i> , 2020, 13, 3029.	1.6	7
5	3-D graphene growth by chemical vapor deposition (CVD) for energy applications. <i>Smart Energy and Sustainable Environment</i> , 2020, 23, 13-20.	0.2	1
6	Preparation of the Ni doped carbon nanofibers synthesized by electrospinning. <i>Smart Energy and Sustainable Environment</i> , 2020, 23, 5-12.	0.2	2
7	Selective sulfoxidation reactions with H <sub>2</sub> O <sub>2</sub> catalyzed by Ti-containing SBA-15 materials. <i>Journal of Porous Materials</i> , 2019, 26, 533-539.	1.3	9
8	Hexagonal-shaped aminosilane magnetite nanoparticles: Preparation, characterization and hybrid film deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 542, 21-30.	2.3	11
9	Selective Production of Propylene and 1-Butene from Ethylene by Catalytic Cascade Reactions. <i>ACS Catalysis</i> , 2018, 8, 3636-3640.	5.5	19
10	Revelation on the Complex Nature of Mesoporous Hierarchical FAU-Y Zeolites. <i>Langmuir</i> , 2018, 34, 11414-11423.	1.6	14
11	Green synthesis of g-C <sub>3</sub> N <sub>4</sub> /CuONP/LDH composites and derived g-C <sub>3</sub> N <sub>4</sub> /MMO and their photocatalytic performance for phenol reduction from aqueous solutions. <i>Applied Clay Science</i> , 2017, 141, 1-12.	2.6	27
12	Ni-exchanged cationic clays as novel heterogeneous catalysts for selective ethylene oligomerization. <i>Applied Clay Science</i> , 2017, 146, 432-438.	2.6	28
13	Nickel and molybdenum containing mesoporous catalysts for ethylene oligomerization and metathesis. <i>New Journal of Chemistry</i> , 2016, 40, 4146-4152.	1.4	26
14	Heterogeneous oligomerization of ethylene over highly active and stable Ni-ALSBA-15 mesoporous catalysts. <i>Journal of Catalysis</i> , 2015, 323, 76-84.	3.1	145
15	Ni-exchanged ALSBA-15 mesoporous materials as outstanding catalysts for ethylene oligomerization. <i>European Physical Journal: Special Topics</i> , 2015, 224, 1831-1841.	1.2	11
16	Ethylene to Propylene by One-Pot Catalytic Cascade Reactions. <i>ACS Catalysis</i> , 2015, 5, 2774-2777.	5.5	42