

Eva Epelde

List of Publications by Year in descending order

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687363

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585
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#	ARTICLE	IF	CITATIONS
1	Differences among the deactivation pathway of HZSM-5 zeolite and SAPO-34 in the transformation of ethylene or 1-butene to propylene. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 284-293.	4.4	126
2	Modified HZSM-5 zeolites for intensifying propylene production in the transformation of 1-butene. <i>Chemical Engineering Journal</i> , 2014, 251, 80-91.	12.7	89
3	Converting olefins to propene: Ethene to propene and olefin cracking. <i>Catalysis Reviews - Science and Engineering</i> , 2018, 60, 278-335.	12.9	82
4	Coke deactivation and regeneration of HZSM-5 zeolite catalysts in the oligomerization of 1-butene. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120076.	20.2	65
5	Slowing down the deactivation of H-ZSM-5 zeolite catalyst in the methanol-to-olefin (MTO) reaction by P or Zn modifications. <i>Catalysis Today</i> , 2020, 348, 243-256.	4.4	59
6	Controlling coke deactivation and cracking selectivity of MFI zeolite by H ₃ PO ₄ or KOH modification. <i>Applied Catalysis A: General</i> , 2015, 505, 105-115.	4.3	45
7	Modifications in the HZSM-5 zeolite for the selective transformation of ethylene into propylene. <i>Applied Catalysis A: General</i> , 2014, 479, 17-25.	4.3	39
8	Spatial Distribution of Zeolite ZSM-5 within Catalyst Bodies Affects Selectivity and Stability of Methanol-to-Hydrocarbons Conversion. <i>ChemCatChem</i> , 2013, 5, 2827-2831.	3.7	38
9	Kinetic Model for the Transformation of 1-Butene on a K-Modified HZSM-5 Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 10599-10607.	3.7	34
10	Intensifying Propylene Production by 1-Butene Transformation on a K Modified HZSM-5 Zeolite-Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4614-4622.	3.7	32
11	Selective dealumination of HZSM-5 zeolite boosts propylene by modifying 1-butene cracking pathway. <i>Applied Catalysis A: General</i> , 2017, 543, 1-9.	4.3	30
12	SAPO-18 and SAPO-34 catalysts for propylene production from the oligomerization-cracking of ethylene or 1-butene. <i>Applied Catalysis A: General</i> , 2017, 547, 176-182.	4.3	20
13	Operating conditions to maximize clean liquid fuels yield by oligomerization of 1-butene on HZSM-5 zeolite catalysts. <i>Energy</i> , 2020, 207, 118317.	8.8	13
14	Lessening coke formation and boosting gasoline yield by incorporating scrap tire pyrolysis oil in the cracking conditions of an FCC unit. <i>Energy Conversion and Management</i> , 2020, 224, 113327.	9.2	13
15	Quenching the Deactivation in the Methanol-to-Olefin Reaction by Using Tandem Fixed-Beds of ZSM-5 and SAPO-18 Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13892-13905.	3.7	12
16	Aluminum extraction from a metallurgical industry sludge and its application as adsorbent. <i>Journal of Cleaner Production</i> , 2021, 310, 127374.	9.3	11
17	Low-pressure oligomerization of 1-butene to liquid fuels on HZSM-5 zeolite catalysts: Effect of operating conditions. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 87, 234-241.	5.8	9
18	Fuel production via catalytic cracking of pre-hydrotreated heavy-fuel oil generated by marine-transport operations. <i>Fuel</i> , 2022, 325, 124765.	6.4	5