# Eva Epelde

List of Publications by Year
in descending order

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|---|---|---|---|
| 18<br>papers | 722<br>citations | 687363<br>13<br>h-index | 839539<br>18<br>g-index |
| 18<br>all docs | 18<br>docs citations | 18<br>times ranked | 585<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fuel production via catalytic cracking of pre-hydrotreated heavy-fuel oil generated by marine-transport operations. Fuel, 2022, 325, 124765. | 6.4 | 5 |
| 2 | Coke deactivation and regeneration of HZSM-5 zeolite catalysts in the oligomerization of 1-butene. Applied Catalysis B: Environmental, 2021, 291, 120076. | 20.2 | 65 |
| 3 | Aluminum extraction from a metallurgical industry sludge and its application as adsorbent. Journal of Cleaner Production, 2021, 310, 127374. | 9.3 | 11 |
| 4 | Slowing down the deactivation of H-ZSM-5 zeolite catalyst in the methanol-to-olefin (MTO) reaction by P or Zn modifications. Catalysis Today, 2020, 348, 243-256. | 4.4 | 59 |
| 5 | Operating conditions to maximize clean liquid fuels yield by oligomerization of 1-butene on HZSM-5 zeolite catalysts. Energy, 2020, 207, 118317. | 8.8 | 13 |
| 6 | Lessening coke formation and boosting gasoline yield by incorporating scrap tire pyrolysis oil in the cracking conditions of an FCC unit. Energy Conversion and Management, 2020, 224, 113327. | 9.2 | 13 |
| 7 | Quenching the Deactivation in the Methanol-to-Olefin Reaction by Using Tandem Fixed-Beds of ZSM-5 and SAPO-18 Catalysts. Industrial & Engineering Chemistry Research, 2020, 59, 13892-13905. | 3.7 | 12 |
| 8 | Low-pressure oligomerization of 1-butene to liquid fuels on HZSM-5 zeolite catalysts: Effect of operating conditions. Journal of Industrial and Engineering Chemistry, 2020, 87, 234-241. | 5.8 | 9 |
| 9 | Converting olefins to propene: Ethene to propene and olefin cracking. Catalysis Reviews - Science and Engineering, 2018, 60, 278-335. | 12.9 | 82 |
| 10 | SAPO-18 and SAPO-34 catalysts for propylene production from the oligomerization-cracking of ethylene or 1-butene. Applied Catalysis A: General, 2017, 547, 176-182. | 4.3 | 20 |
| 11 | Selective dealumination of HZSM-5 zeolite boosts propylene by modifying 1-butene cracking pathway. Applied Catalysis A: General, 2017, 543, 1-9. | 4.3 | 30 |
| 12 | Controlling coke deactivation and cracking selectivity of MFI zeolite by H3PO4 or KOH modification. Applied Catalysis A: General, 2015, 505, 105-115. | 4.3 | 45 |
| 13 | Modified HZSM-5 zeolites for intensifying propylene production in the transformation of 1-butene. Chemical Engineering Journal, 2014, 251, 80-91. | 12.7 | 89 |
| 14 | Modifications in the HZSM-5 zeolite for the selective transformation of ethylene into propylene. Applied Catalysis A: General, 2014, 479, 17-25. | 4.3 | 39 |
| 15 | Kinetic Model for the Transformation of 1-Butene on a K-Modified HZSM-5 Catalyst. Industrial & Engineering Chemistry Research, 2014, 53, 10599-10607. | 3.7 | 34 |
| 16 | Intensifying Propylene Production by 1-Butene Transformation on a K Modified HZSM-5 Zeolite-Catalyst. Industrial & Engineering Chemistry Research, 2014, 53, 4614-4622. | 3.7 | 32 |
| 17 | Differences among the deactivation pathway of HZSM-5 zeolite and SAPO-34 in the transformation of ethylene or 1-butene to propylene. Microporous and Mesoporous Materials, 2014, 195, 284-293. | 4.4 | 126 |
| 18 | Spatial Distribution of Zeolite ZSMâ€5 within Catalyst Bodies Affects Selectivity and Stability of Methanolâ€toâ€Hydrocarbons Conversion. ChemCatChem, 2013, 5, 2827-2831. | 3.7 | 38 |