ARTÍCULOS		
	NÚMERO	PORCENTAJE
CITAS TIPO A	2074	91.1%
CITAS TIPO B	202	8.9%
TOTAL	2276	100%
CAPÍTULOS DE LIBROS		
	NÚMERO	PORCENTAJE
CITAS TIPO A	15	57.7%
CITAS TIPO B	11	42.3%
TOTAL	26	100%
LIBROS		
	NÚMERO	PORCENTAJE
CITAS TIPO A	87	77.7%
CITAS TIPO B	25	22.3%
TOTAL	112	100%
OBRA COMPLETA (ARTÍCULOS+CAPÍTULOS DE LIBROS+LIBROS)		
	NÚMERO	PORCENTAJE
CITAS TIPO A	2176	90.1%
CITAS TIPO B	238	9.9%
TOTAL	2414	100%

ARTÍCULOS

Hernández-Guerrero, B.A., Martínez, L., Peña-Rodríguez, G., Trejo, F. Machine learning-enhanced modeling of heavy metal adsorption onto coal fly ash-derived zeolite P (2026) Water, 18, art. no. 857. DOI: 10.3390/w18070857

CITAS A: 0

CITAS B: 0

TOTAL: 0

Sánchez-Olmos, L.A., Sánchez-Cárdenas, M., Trejo, F., Montes-Rivera, M., Lara, R.H., Hernández-Guerrero, B.A. Controlled performance and atmospheric emissions testing of a biofuel engine produced by hydrodeoxygenation of chicken fat waste with a Ni/tire carbon catalyst (2026) Journal of Chemical Technology and Biotechnology. DOI: 10.1002/jctb.70164

CITAS A: 0

CITAS B: 0

TOTAL: 0

Trejo, F. Review of Biomass Gasification Technologies with a Particular Focus on a Downdraft Gasifier (2025) Processes, 13 (9), art. no. 2717. DOI: 10.3390/pr13092717

CITAS A: 9

CITAS B: 0

TOTAL: 9

CITAS A

1. Mugo, E., Njuguna, F., Njogu, P., Kamau, J., Ndiritu, H., Kombe, E. Integrated simulation and statistical optimization of eucalyptus globulus air gasification using Aspen Plus and RSM. (2026) Results in Engineering, 29, art. no. 109194. DOI: 10.1016/j.rineng.2026.109194

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4. Bartoli, M., Pirri, C.F., Bocchini, S. A Comprehensive Review on Hydrogen Production from Biomass Gasification. (2026) Molecules, 31 (1), art. no. 99. DOI: 10.3390/molecules31010099

5. Frisinghelli, P., Buchberger, R., Gruber, J., Anca-Couce, A., Scharler, R., Hochenauer, C. Abrupt fuel moisture variations in stratified downdraft gasification: Development of an optimal control strategy to retain high process stability and low tar levels (2026) Renewable Energy, 265, art. no. 125591. DOI: 10.1016/j.renene.2026.125591

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7. Rey, J.R.C., Longo, A., Rijo, B., Mateos-Pedrero, C., Brito, P., Nobre, C. Modelling Syngas Combustion from Biomass Gasification and Engine Applications: A Comprehensive Review. (2025) Energies, 18 (19), art. no. 5112. DOI: 10.3390/en18195112

8. Shokri, A., Hamrang, F., Yari, M. Employment of a Least Squares Support Vector Regression Model for Predicting the Gasification Process. (2025) Advances in Engineering and Intelligence Systems, 4 (3), pp. 130 – 147. DOI: 10.22034/aeis.2025.540259.1349

9. Hutasoit, W. P. A., Park, B., Dewi, B. S., Hidayat, W. Thermochemical Conversion of Rubber Wood Pellets via Downdraft Gasification: Syngas Composition, Heating Value Trends, and By-Product Characterization (2025) Forest and Nature, 1(4), 214-227. https://doi.org/10.63357/fornature.v1i4.30

Jurado, J., Ancheyta, J., Trejo, F., Elyshev, A., Zagoruiko, A. Comparison of reactor models for simulation of autothermal reforming of methane. (2025), International Journal of Hydrogen Energy 132, pp. 253 – 269. DOI: 10.1016/j.ijhydene.2025.04.372

CITAS A: 2

CITAS B: 0

TOTAL: 2

CITAS A

1. Yan, F., Shen, W., Qi, B., Mo, L., Fan, X., Song, W., Wang, D. Oxygen-enhanced conversion-based process retrofit and assessment of natural gas steam reforming for synthetic ammonia production (2026) Chemical Engineering Research and Design, 226, pp. 575 - 588. DOI: 10.1016/j.cherd.2026.01.029

2. Zhu, H., Lin, Y., Tian, J., Li, Z., Zhang, Y., Li, S., Sun, Y., Zhang, J. Candidate pathway for low-carbon methanol production from coke oven gas and biogas: A multi-dimensional techno-economic and environmental analysis (2025) Chemical Engineering Journal, 523, art. no. 168455. DOI: 10.1016/j.cej.2025.168455

Jurado, J., Trejo, F., Ancheyta, J., Elyshev, A., Zagoruiko, A. A comprehensive analysis of kinetic models for methane autothermal reforming reactions (2025) Fuel, 386, art. no. 134136. DOI: 10.1016/j.fuel.2024.134136

CITAS A: 8

CITAS B: 0

TOTAL: 8

CITAS A

1. Wan J., Liu P., Zhou F., Lyu H., Hu T., Cheng K., Song Y., Zou J., Zhang X., Lin S., Zheng C., Gao X. Recent progress on hydrogen production via catalytic Auto-thermal methane Reforming: A focus on catalysts and operational parameters (2026) Fuel, 419, art. no. 138791. DOI: 10.1016/j.fuel.2026.138791

2. Sun M., Zhao F. Thermal behaviour and kinetics of light crude oil based on porous media structure (2026) Fuel, 413, art. no. 138233. DOI: 10.1016/j.fuel.2025.138233

3. Zhu H., Lin Y., Tian J., Li Z., Zhang Y., Li S., Sun Y., Zhang J. Candidate pathway for low-carbon methanol production from coke oven gas and biogas: A multi-dimensional techno-economic and environmental analysis (2025) Chemical Engineering Journal, 523, art. no. 168455. DOI: 10.1016/j.cej.2025.168455

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5. Yan F., Shen W., Qi B., Mo L., Fan X., Song W., Wang D. Oxygen-enhanced conversion-based process retrofit and assessment of natural gas steam reforming for synthetic ammonia production (2026) Chemical Engineering Research and Design, 226, pp. 575 - 588. DOI: 10.1016/j.cherd.2026.01.029

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8. Kumar S.K., V.N. Aepuru M.R., Avudaiappan S., Padma D.V., Vijay Kumar V. Process simulation and modeling of biogas conversion to dimethyl ether using Aspen Plus (2026) Biofuels, 17 (3), pp. 384 – 408. DOI: 10.1080/17597269.2025.2528316

Paz-Paredes, I., Jiménez, F., Muñoz, J.A.D., Trejo, F., Ancheyta, J. Computational Fluid Dynamics for Modeling of Hydrotreating Fixed-Bed Reactors: A Review (2025) Processes, 13 (3), art. no. 894. DOI: 10.3390/pr13030894

CITAS A: 3

CITAS B: 0

TOTAL: 3

CITAS A

1. Mappas V.K., Dorneanu B., Heinzelmann N., Schnitzlein K., Arellano-Garcia H. An Efficient and Unified Modeling Framework for Trickle Bed Reactors: A Modular Approach (2025) Chemie-Ingenieur-Technik, 97 (11-12), pp. 1110 - 1126. DOI: 10.1002/cite.70035

2. Zhang Z., Fu M., Cai C., Zhao L., Jia L., Hui B., Hou S., Zhang M. Modeling and Experimental Analysis of Low-Viscosity/High-Permeability Sealant Penetration Dynamics in Oil-Filled Submarine Cables (2026) Fluids, 11 (1), art. no. 16. DOI: 10.3390/fluids11010016

3. Gałęziowska K., Grzywacz R., Michorczyk P. Computational Fluid Dynamics (CFD) simulations in petrochemical industry [Symulacje CFD w przemyśle petrochemicznym] (2025) Przemysl Chemiczny, 104 (11), pp. 1185 - 1191. DOI: 10.15199/62.2025.11.17

Jurado, J., Trejo, F., Ancheyta, J., Elyshev, A., Zagoruiko, A. Revisiting the Kinetic Modeling of Methane Autothermal Reforming Reactions (2025) Industrial and Engineering Chemistry Research, 64 (4), pp. 2061 - 2068. DOI: 10.1021/acs.iecr.4c04164

CITAS A: 1

CITAS B: 0

TOTAL: 1

CITAS A

1. Mosayebi A. Kinetic modeling of biogas autothermal reforming over Ni–Cu/CeO_2–ZrO_2–MgO catalyst: Experimental characterization and mechanistic insights (2026) International Journal of Hydrogen Energy, 198, art. no. 152760. DOI: 10.1016/j.ijhydene.2025.152760

Sánchez-Cárdenas, M., Sánchez-Olmos, L.A., Trejo, F., Sathish-Kumar, K., Montes Rivera, M.M. Production of biodiesel from hemp oil and oleic acid with sulfonated camphor catalysts is to be evaluated with controlled tests in a diesel engine (2024) International Journal of Chemical Reactor Engineering, 22 (12), pp. 1445 - 1457. DOI: 10.1515/ijcre-2024-0172

CITAS A: 0

CITAS B: 0

TOTAL: 0

Sánchez-Olmos, L.A., Sánchez-Cárdenas, M., Trejo, F., Montes Rivera, M.M., Olvera-Gonzalez, E., Hernández Guerrero, B.A. Biofuel Production in Oleic Acid Hydrodeoxygenation Utilizing a Ni/Tire Rubber Carbon Catalyst and Predicting of n-Alkanes with Box–Behnken and Artificial Neural Networks (2024) Energies, 17 (22), art. no. 5717. DOI: 10.3390/en17225717

CITAS A: 1

CITAS B: 0

TOTAL: 1

CITAS A

1. Abid F.I., Inayat M., Laukkanen T., Pienihäkkinen E., Viertiö T., Sirous-Rezaei P., Reznichenko A., Lehtonen J., Järvinen M. Fast pyrolysis pathway for production of sustainable aviation fuel (SAF) from demolition wood: Experimental and process simulation approach (2026) Biomass and Bioenergy, 206, art. no. 108603. DOI: 10.1016/j.biombioe.2025.108603

Sánchez-Olmos, L.A., Sánchez-Cárdenas, M., Trejo, F., Kamaraj, S.-K., Hernández Guerrero, B.A., Montes Rivera, M.M. Effect of Ni/tire rubber carbon as catalyst in the hydrodeoxygenation of used vegetable oil: biofuel evaluation in the reduction of atmospheric emissions (2024) International Journal of Chemical Reactor Engineering, 22 (11), pp. 1289 - 1300. DOI: 10.1515/ijcre-2024-0114

CITAS A: 0

CITAS B: 0

TOTAL: 0

Ríos, J.J., Leal, E., Trejo, F., Ancheyta, J. Kinetic Models of Deep Hydrotreating Reactions to Produce Ultralow Sulfur Diesel (2023) Energy and Fuels, 37 (15), pp. 11216 - 11247. DOI: 10.1021/acs.energyfuels.3c01466

CITAS A: 12

CITAS B: 4

TOTAL: 16

CITAS A

1. Zambrano N., Rodríguez S., Lezcano G., Trueba D., Hita I., Palos R., Gutiérrez A., Castaño P. Integrated analytical workflow for quantifying and modeling the hydrocracking of vacuum gas oil and plastic pyrolysis oil (2025) Fuel, 400, art. no. 135557. DOI: 10.1016/j.fuel.2025.135557

2. Jiang H., Shao Z., Chen W., Qin K., Ju X., Li M. Study on Diesel Hydrotreating Kinetics and the Synergistic Effect of CoMo and NiMo Catalysts (2024) Energy and Fuels, 38 (7), pp. 6314 - 6324. DOI: 10.1021/acs.energyfuels.4c00045

3. Petraş L.E., Dobre T., Şerbănescu N., Pop F.D., Pârvulescu O.C. Monitored and Predicted Data for a Diesel Fuel Hydrotreating Reactor (2025) Materials, 18 (11), art. no. 2481. DOI: 10.3390/ma18112481

4. Caspani S., Manenti F. Hydrogen recovery from end-of-life tire pyrolysis gas via H_2S splitting (2025) International Journal of Hydrogen Energy, 144, pp. 1292 - 1298. DOI: 10.1016/j.ijhydene.2025.02.059

5. Al-Otaibi A.M., Ma X., Bouresli R., Al-Attar F., Mujaibel M., Ansari T., Jose S. Comprehensive understanding effect of distillation end-cutting temperature on hydrodesulfurization of middle distillates for producing ultralow sulfur diesel (2025) Separation and Purification Technology, 370, art. no. 133281. DOI: 10.1016/j.seppur.2025.133281

6. Petras L., Dobre T., Serbanescu N., Pop F.D., Parvulescu O., Cioroiu Tîrpan D.-R., Popa I. CHARACTERIZATION OF MONITORING DATA OF A DIESEL HYDRODESULFURIZATION REACTOR WITH LANGMUIR-HINSHELWOOD MODEL: PART 1-REACTOR MODELLING (2025) UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 87 (3), pp. 251 - 266.

7. Perez-Sanchez J.F., Mendoza-Martínez A.M., Suárez-Domínguez E.J., Palacio-Pérez A., Rodríguez-Rodríguez J.R., Pérez-Badell Y., Kulich E.F.I. Modeling the Effect of Sulfur Composition in Dispersed Systems Involving Organosulfur Compounds (2024) Recent Innovations in Chemical Engineering, 17 (2), pp. 108 - 118. DOI: 10.2174/0124055204288808240301080254

8. Morales-Medina G., Berbesí E. Analysis of the environmental impact of fuel hydrotreating through life cycle assessment and process data (2025) Energy Conversion and Management, 345, art. no. 120333. DOI: 10.1016/j.enconman.2025.120333

9. Trukhan S.N., Chibiryaev A.M., Martyanov O.N. Vanadyl Porphyrins as a Sulfur Trap in Heavy Oils (2025) Energy and Fuels, 39 (10), pp. 4719 - 4727. DOI: 10.1021/acs.energyfuels.4c06358

10. Liu F., Zhang Y., Luo Y., Zhai W., Lu Y., Liu J., Li M. Developing an Approach for Calculating Theoretical Minimum Hydrogen Consumption during Catalytic Hydrotreating of Diesel (2024) ChemPlusChem, 89 (7), art. no. e202400009. DOI: 10.1002/cplu.202400009

11. Wang Y., Hu Y., Wu J., Shen H., Wang S., Zhang L., Shi Q., Chen Z. Hydrodesulfurization of characteristic sulfur-containing fractions isolated from vacuum gas oil: Apparent and intrinsic kinetics (2026) Fuel, 416, art. no. 138619. DOI: 10.1016/j.fuel.2026.138619

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CITAS B

1. Leal E., Morales-Leal F., Ancheyta J., Alonso F., Torres-Mancera P. Maximizing Data Analysis from Batch Reactor Experiments: Application to Catalytic Hydrotreating of Petroleum Distillates (2023) Industrial and Engineering Chemistry Research, 62 (43), pp. 17631 - 17645. DOI: 10.1021/acs.iecr.3c02667

2. Ríos J.J., Ancheyta J., Mantilla Á., Elyshev A., Zagoruiko A. Kinetic models for the methanation of COx gases to produce methane: A critical analysis (2024) International Journal of Hydrogen Energy, 93, pp. 387 - 402. DOI: 10.1016/j.ijhydene.2024.10.378

3. Ríos J.J., Ancheyta J., Samano V. Reactor Modeling to Evaluate the Effect of Reactions Mass Balances on Sulfur Removal in Gasoil HDT (2025) Chemical Engineering and Technology, 48 (7), art. no. e70064. DOI: 10.1002/ceat.70064

4. Leal E., Torres-Mancera P., Alonso F., Luna R., Muñoz J.A.D., Ancheyta J. Optimization Methodology of Dual-Bed Catalyst Stacking Systems to Produce Ultralow-Sulfur Diesel (2024) Industrial and Engineering Chemistry Research, 63 (42), pp. 17857 - 17867. DOI: 10.1021/acs.iecr.4c02846

Roa, K., Trejo, F., Castro, H. Application of porous geopolymer composite 1 based on metakaolin and activated 2 carbon for removal of Hg^{2+} from aqueous solution (2023) Journal of Applied Research and Technology, 21, pp. 796 - 807. DOI: 10.22201/icat.24486736e.2023.21.5.1702

CITAS A:

CITAS B: 0

TOTAL: 0

Vega-Merino, P.M., Vega-Urrutia, A.L., Hernández, B.A., Mascotte, M., Cruz, M., Trejo, F., Marroquín, G., Rayo, P. Improving lubricity and electrical conductivity of ultra-low sulphur diesel using additives (2023) Revista Mexicana de Ingeniera Quimica, 22 (2), art. no. Mat2983. DOI: 10.24275/RMIQ/MAT2983

CITAS A: 0

CITAS B: 0

TOTAL: 0

Sánchez-Cárdenas, M., Sánchez-Olmos, L.A., Trejo, F., Sathish-Kumar, K. Esterification of oleic acid into biodiesel and use it as fuel in a diesel engine to determine its impact Esterificación de ácido oleico para obtener biodiesel y utilizarlo como combustible en un motor a diésel para determinar su impacto (2022) Revista Mexicana de Ingeniera Quimica, 21 (3), art. no. Ener2969. DOI: 10.24275/rmiq/Ener2969

CITAS A: 0

CITAS B: 0

TOTAL: 0

Morales-Blancas, M., Mederos-Nieto, F.S., Elizalde, I., Felipe Sánchez-Minero, J., Trejo, F. Discrete lumping kinetic models for hydrodesulfuration and hydrocracking of a mixture of FCC feedstock and light gasoil (2022) Chemical Papers, 76 (8), pp. 4885 - 4891. DOI: 10.1007/s11696-022-02219-8

CITAS A: 4

CITAS B: 3

TOTAL: 7

CITAS A

1. Vela F.J., Palos R., Trueba D., Cordero-Lanzac T., Bilbao J., Arandes J.M., Gutiérrez A. A six-lump kinetic model for HDPE/VGO blend hydrocracking (2023) Fuel, 333, art. no. 126211. DOI: 10.1016/j.fuel.2022.126211

2. Ji K., Ye Z., Qian F. Reaction network design and hybrid modeling of S Zorb (2024) Chinese Journal of Chemical Engineering, 73, pp. 301 - 310. DOI: 10.1016/j.cjche.2024.04.013

3. Yang Y., Peng C., Liang S., Hou Z., Xie F. Progress in Lumped Kinetic of Heavy Oil Hydrotreating (2023) Shiyou Huagong Gaodeng Xuexiao Xuebao/Journal of Petrochemical Universities, 36 (2), pp. 10 - 19. DOI: 10.12422/j.issn.1006-396X.2023.02.002

4. Hamadi O.P., Varga T. Novel distributed parameter model-based continuous lumping approach: An application to a pilot-plant hydrocracking reactor (2023) Chemical Engineering Science, 271, art. no. 118572. DOI: 10.1016/j.ces.2023.118572

CITAS B

1. Hernández-Castro E., Elizalde-Martínez I., Sánchez-Minero F., Reza-San Germán C., Ramírez-López R., Monterrubio-Badillo C. Oxygen removal from poor-quality refined edible oil to produce hydrocarbon-type biofuels using the hydrotreating process (2025) Reaction Kinetics, Mechanisms and Catalysis, 138 (3), art. no. 125065, pp. 1469 - 1477. DOI: 10.1007/s11144-025-02820-4

2. García-Rodríguez M.A., Restrepo-Garcia J.R., Mederos-Nieto F.S., Elizalde-Martínez I. Modeling the kinetics of hydrodeoxygenation of Jatropha curcas L. oil to produce green hydrocarbons by hydrotreating process (2025) Clean Technologies and Environmental Policy, 27 (12), pp. 7971 - 7981. DOI: 10.1007/s10098-025-03333-3

3. Soto-Azuara L.A., Sánchez-Minero J.F., Elizalde I. Hydrocracking of Crude Oil Recovered from Ixachi Onshore Field: Kinetic Modeling by Lumping Approach (2024) Arabian Journal for Science and Engineering, 49 (6), pp. 8535 - 8542. DOI: 10.1007/s13369-024-09053-y

Méndez, C.I., Trejo, F., Ancheyta, J. On the Use of Steady-State Optimal Initial Operating Conditions for Control Scheme Implementation of a Fixed-Bed Fischer–Tropsch Reactor (2022) Arabian Journal for Science and Engineering, 47 (5), pp. 6099 - 6113. DOI: 10.1007/s13369-021-05897-w

CITAS A: 2

CITAS B: 1

TOTAL: 3

CITAS A

1. Eran T.N., Guyot J., Boffito D.C., Patience G.S. Kinetics, catalyst design, and hydrodynamic analysis in Fischer–Tropsch synthesis: Fixed Bed vs Fluidized Bed Reactors (2024) Chemical Engineering Journal, 500, art. no. 156796. DOI: 10.1016/j.cej.2024.156796

2. Kern C., Jess A. Modeling of radial heat transfer in cooled fixed-bed reactors by one- and two-dimensional models: Fischer-Tropsch synthesis as a case study (2025) Chemical Engineering Science, 314, art. no. 121817. DOI: 10.1016/j.ces.2025.121817

CITAS B

1. Méndez C.I., Ancheyta J. Modeling of Fischer-Tropsch Synthesis Reactor (2024) Mathematical Modeling of Complex Reaction Systems in the Oil and Gas Industry, pp. 303 - 433. DOI: 10.1002/9781394220052.ch8

Hernández-Pérez, J., Likhanova, N., López-Falcón, D., Olivares-Xometl, O., Muñoz-Salazar, L., Trejo, F. Efficient use of oil in water macroemulsions as enhanced oil recovery agents (2022) Petroleum Science and Technology, 40 (2), pp. 201 - 216. DOI: 10.1080/10916466.2021.1992422

CITAS A: 2

CITAS B: 0

TOTAL: 2

CITAS A

1. Jiang Z., Ren H., Maimaitiming D., Wang Z., Dong H. Effects of water flooding speed on oil recovery efficiency and residual oil distribution in heterogeneous reservoirs (2023) Petroleum Science and Technology, 41 (24), pp. 2362 - 2375. DOI: 10.1080/10916466.2022.2108837

2. Li K., Ovsepian M., Xie W., Varfolomeev M.A., Luo Q., Yuan C. Emulsions for enhanced oil recovery: Progress and prospect (2024) Journal of Molecular Liquids, 393, art. no. 123658. DOI: 10.1016/j.molliq.2023.123658

Sánchez-Anaya, O., Mederos-Nieto, F.S., Elizalde, I., Sánchez-Minero, J.F., Trejo, F. Producing hybrid fuels by hydrotreating Jatropha curcas L. and gasoil mixtures in a batch reactor (2021) Journal of the Taiwan Institute of Chemical Engineers, 128, pp. 140 - 147. DOI: 10.1016/j.jtice.2021.08.046

CITAS A: 7

CITAS B: 1

TOTAL: 8

CITAS A

1. Hou Q., Zhang J., Guo X., Yang X. Improved MgH_2 kinetics and cyclic stability by fibrous spherical NiMoO4 and rGO (2022) Journal of the Taiwan Institute of Chemical Engineers, 134, art. no. 104311. DOI: 10.1016/j.jtice.2022.104311

2. Wang C., Li T., Xu W., Wang S., Wang K. Recent advances in co-processing biomass feedstock with petroleum feedstock: A review (2024) Frontiers in Energy, 18 (6), pp. 735 - 759. DOI: 10.1007/s11708-024-0920-1

3. Dutta S., Madav V., Joshi G., Naik N., Kumar S. Directional synthesis of aviation-, diesel-, and gasoline range hydrocarbon fuels by catalytic transformations of biomass components: An overview (2023) Fuel, 347, art. no. 128437. DOI: 10.1016/j.fuel.2023.128437

4. Abdi-Khanghah M., Jafari A., Ahmadi G., Hemmati-Sarapardeh A. Kinetic modeling and experimental investigation of composition variation in hydrocarbon upgrading: Application to microwave-assisted reactors (2023) Journal of the Taiwan Institute of Chemical Engineers, 144, art. no. 104694. DOI: 10.1016/j.jtice.2023.104694

5. Zhang X., Chen B., Wang J., Zhou Y., Huang X., Huang H. Influence of MoS_2 loading on the formation and hydrogenation effect of loaded monolayer molybdenum disulfide (2025) Journal of the Taiwan Institute of Chemical Engineers, 168, art. no. 105934. DOI: 10.1016/j.jtice.2024.105934

6. Liao Y.-H., Chen Y.-C. Preparation and optimization of WPU dispersion from polyether/polyester polyols for film and coating applications (2023) Journal of the Taiwan Institute of Chemical Engineers, 145, art. no. 104832. DOI: 10.1016/j.jtice.2023.104832

7. Warra A.A., Prasad M.N.V. Jatropha curcas L. cultivation on contaminated and marginal land—Exploring the potential for circular economy, environmental protection, and sustainability (2023) Bioremediation and Bioeconomy: a Circular Economy Approach, Second Edition, pp. 187 - 207. DOI: 10.1016/B978-0-443-16120-9.00012-1

CITAS B

1. García-Rodríguez M.A., Restrepo-Garcia J.R., Mederos-Nieto F.S., Elizalde-Martínez I. Modeling the kinetics of hydrodeoxygenation of Jatropha curcas L. oil to produce green hydrocarbons by hydrotreating process (2025) Clean Technologies and Environmental Policy, 27 (12), pp. 7971 - 7981. DOI: 10.1007/s10098-025-03333-3

Tirado, A., Trejo, F., Ancheyta, J. Prediction of Temperature Profiles for Catalytic Hydrotreating of Vegetable Oil with a Robust Dynamic Reactor Model (2021) Industrial and Engineering Chemistry Research, 60 (38), pp. 13812 - 13821. DOI: 10.1021/acs.iecr.1c02023

CITAS A: 3

CITAS B: 2

TOTAL: 5

CITAS A

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CITAS A: 4

CITAS B: 0

TOTAL: 4

CITAS A

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systems (2025) Frontiers in Energy Research, 13, art. no. 1654079. DOI: 10.3389/fenrg.2025.1654079

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CITAS A: 2

CITAS B: 0

TOTAL: 2

CITAS A

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CITAS A: 10

CITAS B: 0

TOTAL: 10

CITAS A

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CITAS A: 6

CITAS B: 1

TOTAL: 7

CITAS A

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CITAS B

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CITAS A: 38

CITAS B: 1

TOTAL: 39

CITAS A

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CITAS A: 6

CITAS B: 3

TOTAL: 9

CITAS A

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CITAS B

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CITAS A: 0

CITAS B: 0

TOTAL: 0

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CITAS A: 0

CITAS B: 1

TOTAL: 1

CITAS B

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Leyva, C., Trejo, F. Effect of silicon content on active catalytic phase for hydrocracking of heavy crude oils (2020) Petroleum Science and Technology, 38 (2), pp. 91 - 97. DOI: 10.1080/10916466.2019.1671865

CITAS A: 3

CITAS B: 0

TOTAL: 3

CITAS A

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CITAS A: 1

CITAS B: 0

TOTAL: 1

CITAS A

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CITAS A: 2

CITAS B: 2

TOTAL: 4

CITAS A

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CITAS B

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CITAS A: 32

CITAS B: 18

TOTAL: 50

CITAS A

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CITAS A: 5

CITAS B: 0

TOTAL: 5

CITAS A

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CITAS A: 2

CITAS B: 1

TOTAL: 3

CITAS A

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CITAS B

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Rodríguez, E., Félix, G., Ancheyta, J., Trejo, F. Modeling of hydrotreating catalyst deactivation for heavy oil hydrocarbons (2018) Fuel, 225, pp. 118 - 133. DOI: 10.1016/j.fuel.2018.02.085

CITAS A: 89

CITAS B: 6

TOTAL: 95

CITAS A

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2. Chen K., Cao Y., Zhu H., Ge H., Yang T., Zhou Z., Cheng Z. Experimental Determination on the Deactivation Kinetics of Residue Hydroprocessing in a Two-Stage Fixed Bed Loaded with HDM and HDS Catalysts (2022) Processes, 10 (9), art. no. 1822. DOI: 10.3390/pr10091822

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12. Yuan C., Varfolomeev M.A., Emelianov D.A., Suwaid M.A., Khachatrian A.A., Starshinova V.L., Vakhitov I.R., Al-Muntaser A.A. Copper stearate as a catalyst for improving the oxidation performance of heavy oil in-situ combustion process (2018) Applied Catalysis A: General, 564, pp. 79 – 89. DOI: 10.1016/j.apcata.2018.07.021

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14. Palos R., Gutiérrez A., Hita I., Castaño P., Thybaut J.W., Arandes J.M., Bilbao J. Kinetic Modeling of Hydrotreating for Enhanced Upgrading of Light Cycle Oil (2019) Industrial and Engineering Chemistry Research, 58 (29), pp. 13064 – 13075. DOI: 10.1021/acs.iecr.9b02095

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CITAS B: 8

TOTAL: 27

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CITAS A: 23

CITAS B: 1

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CITAS A: 12

CITAS B: 7

TOTAL: 19

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CITAS A: 16

CITAS B: 0

TOTAL: 16

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CITAS A: 8

CITAS B: 2

TOTAL: 10

CITAS A

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CITAS A: 3

CITAS B: 1

TOTAL: 4

CITAS A

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CITAS A: 14

CITAS B: 3

TOTAL: 17

CITAS A

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CITAS B

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CITAS A: 2

CITAS B: 0

TOTAL: 2

CITAS A

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CITAS A: 9

CITAS B: 2

TOTAL: 11

CITAS A

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CITAS B

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CITAS A: 1

CITAS B: 0

TOTAL: 1

CITAS A

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10.1007/s11144-016-0995-8

CITAS A: 15

CITAS B: 0

TOTAL: 15

CITAS A

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CITAS A: 10

CITAS B: 0

TOTAL: 10

CITAS A

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CITAS A: 16

CITAS B: 0

TOTAL: 16

CITAS A

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CITAS A: 3

CITAS B: 0

TOTAL: .

CITAS A

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CITAS A: 133

CITAS B: 5

TOTAL: 138

CITAS A

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CITAS B: 3

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CITAS B: 7

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CITAS A: 108

CITAS B: 11

TOTAL: 119

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CITAS A: 24

CITAS B: 3

TOTAL: 27

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CITAS B: 6

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CITAS A: 119

CITAS B: 4

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CITAS A: 71

CITAS B: 4

TOTAL: 75

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CITAS A: 82

CITAS B: 8

TOTAL: 90

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CITAS A: 28

CITAS B: 0

TOTAL: 28

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CITAS A: 8

CITAS B: 1

TOTAL: 9

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CITAS A: 8

CITAS B: 2

TOTAL: 10

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CITAS A: 43

CITAS B: 11

TOTAL: 54

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CITAS A: 44

CITAS B: 5

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CITAS A: 40

CITAS B: 8

TOTAL: 48

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CITAS B: 1

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CITAS A: 160

CITAS B: 4

TOTAL: 164

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CITAS A: 2

CITAS B: 0

TOTAL: 2

CITAS A

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CITAS A: 2

CITAS B: 1

TOTAL: 3

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CITAS A: 11

CITAS B: 10

TOTAL: 21

CITAS A

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CITAS A: 87

CITAS B: 25

TOTAL: 112

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