

Salvador Escobedo Salas

List of Publications by Year in descending order

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356
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum yield with platinum modified TiO ₂ photocatalyst for hydrogen production. Applied Catalysis B: Environmental, 2013, 140-141, 523-536.	20.2	69
2	Photoreduction of a Pd-Doped Mesoporous TiO ₂ Photocatalyst for Hydrogen Production under Visible Light. Catalysts, 2020, 10, 74.	3.5	34
3	Hydrogen Production via Pd-TiO ₂ Photocatalytic Water Splitting under Near-UV and Visible Light: Analysis of the Reaction Mechanism. Catalysts, 2021, 11, 405.	3.5	33
4	Hydrogen production using a platinum modified TiO ₂ photocatalyst and an organic scavenger. Kinetic modeling. Fuel, 2016, 181, 438-449.	6.4	24
5	Hydrogen Production via Water Dissociation Using Pt@TiO ₂ Photocatalysts: An Oxidation-Reduction Network. Catalysts, 2017, 7, 324.	3.5	24
6	Photocatalysis for Air Treatment Processes: Current Technologies and Future Applications for the Removal of Organic Pollutants and Viruses. Catalysts, 2020, 10, 966.	3.5	24
7	Photocatalytic Hydrogen Production Under Near-UV Using Pd-Doped Mesoporous TiO ₂ and Ethanol as Organic Scavenger. Catalysts, 2019, 9, 33.	3.5	19
8	Synthesis and Performance of Photocatalysts for Photocatalytic Hydrogen Production: Future Perspectives. Catalysts, 2021, 11, 1505.	3.5	11
9	Photochemical Thermodynamic Efficiency Factors (PTEFs) for Hydrogen Production Using Different TiO ₂ Photocatalysts. Industrial & Engineering Chemistry Research, 2019, 58, 22225-22235.	3.7	8
10	Photocatalytic Conversion of Organic Pollutants in Air: Quantum Yields Using a Silver/Nitrogen/TiO ₂ Mesoporous Semiconductor under Visible Light. Catalysts, 2021, 11, 529.	3.5	7
11	Thermodynamics and Machine Learning Based Approaches for Vapor-Liquid-Liquid Phase Equilibria in n-Octane/Water, as a Naphtha-Water Surrogate in Water Blends. Processes, 2021, 9, 413.	2.8	5
12	Synthetic naphtha recovery from water streams: Vapour-liquid-liquid equilibrium (VLLLE) studies in a dynamic VL-cell unit with high intensity mixing. Canadian Journal of Chemical Engineering, 2022, 100, 607-625.	1.7	5
13	Vapour-liquid-liquid and vapour-liquid equilibrium of paraffinic aromatic synthetic naphtha/water blends: Prediction of the number of phases. Canadian Journal of Chemical Engineering, 0, , .	1.7	2
14	Kinetic Modeling and Quantum Yields: Hydrogen Production via Pd-TiO ₂ Photocatalytic Water Splitting under Near-UV and Visible Light. Catalysts, 2022, 12, 113.	3.5	2
15	Phase equilibrium in n-octane/water separation units: vapor pressures, vapor and liquid molar fractions. International Journal of Chemical Reactor Engineering, 2021, 19, 767-777.	1.1	0
16	A Machine Learning Approach for Phase-Split Calculations in n-Octane/Water and PASN/Water Systems. Processes, 2022, 10, 710.	2.8	0