

Ana Bjelic

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

357
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic hydrogenation and hydrodeoxygenation of lignin-derived model compound eugenol over Ru/C: Intrinsic microkinetics and transport phenomena. <i>Chemical Engineering Journal</i> , 2018, 333, 240-259.	12.7	84
2	Scalable Mechanochemical Amorphization of Bimetallic Cu ²⁺ /Zn MOF-74 Catalyst for Selective CO ₂ Reduction Reaction to Methanol. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3070-3077.	8.0	84
3	A review of sustainable lignocellulose biorefining applying (natural) deep eutectic solvents (DESs) for separations, catalysis and enzymatic biotransformation processes. <i>Reviews in Chemical Engineering</i> , 2022, 38, 243-272.	4.4	69
4	Bifunctional metallic-acidic mechanisms of hydrodeoxygenation of eugenol as lignin model compound over supported Cu, Ni, Pd, Pt, Rh and Ru catalyst materials. <i>Chemical Engineering Journal</i> , 2020, 394, 124914.	12.7	49
5	First-principles mechanistic study of ring hydrogenation and deoxygenation reactions of eugenol over Ru(0001) catalysts. <i>Journal of Catalysis</i> , 2018, 358, 8-18.	6.2	37
6	Catalytic Hydrogenation, Hydrodeoxygenation, and Hydrocracking Processes of a Lignin Monomer Model Compound Eugenol over Magnetic Ru/C ²⁺ Fe ₂ O ₃ and Mechanistic Reaction Microkinetics. <i>Catalysts</i> , 2018, 8, 425.	3.5	34