

Jean-Louis Do

List of Publications by Year in descending order

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17
papers

1,507
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemistry: A Force of Synthesis. ACS Central Science, 2017, 3, 13-19.	11.3	868
2	Mechanochemical Ruthenium-Catalyzed Olefin Metathesis. Journal of the American Chemical Society, 2015, 137, 2476-2479.	13.7	134
3	Chemistry 2.0: Developing a New, Solvent-Free System of Chemical Synthesis Based on Mechanochemistry. Synlett, 2017, 28, 2066-2092.	1.8	119
4	Solvent-Free Enzyme Activity: Quick, High-Yielding Mechanoenzymatic Hydrolysis of Cellulose into Glucose. Angewandte Chemie - International Edition, 2018, 57, 2621-2624.	13.8	72
5	Simple, scalable mechanosynthesis of metal-organic frameworks using liquid-assisted resonant acoustic mixing (LA-RAM). Chemical Science, 2020, 11, 7578-7584.	7.4	55
6	Oxidative Mechanochemistry: Direct, Room-Temperature, Solvent-Free Conversion of Palladium and Gold Metals into Soluble Salts and Coordination Complexes. Angewandte Chemie - International Edition, 2018, 57, 2667-2671.	13.8	52
7	Efficient and Rapid Mechanochemical Assembly of Platinum(II) Squares for Guanine Quadruplex Targeting. Journal of the American Chemical Society, 2017, 139, 16913-16922.	13.7	48
8	Supercritical Carbon Dioxide Enables Rapid, Clean, and Scalable Conversion of a Metal Oxide into Zeolitic Metal-Organic Frameworks. Crystal Growth and Design, 2018, 18, 3222-3228.	3.0	36
9	Solvent-Free Enzyme Activity: Quick, High-Yielding Mechanoenzymatic Hydrolysis of Cellulose into Glucose. Angewandte Chemie, 2018, 130, 2651-2654.	2.0	34
10	Metal-Organic Frameworks as Fuels for Advanced Applications: Evaluating and Modifying the Combustion Energy of Popular MOFs. Chemistry of Materials, 2019, 31, 4882-4888.	6.7	21
11	Metal-Catalyzed Organic Reactions by Resonant Acoustic Mixing**. Angewandte Chemie - International Edition, 2022, 61, e202115030.	13.8	18
12	Oxidative Mechanochemistry: Direct, Room-Temperature, Solvent-Free Conversion of Palladium and Gold Metals into Soluble Salts and Coordination Complexes. Angewandte Chemie, 2018, 130, 2697-2701.	2.0	17
13	Catalytic Room-Temperature C-N Coupling of Amides and Isocyanates by Using Mechanochemistry. ChemSusChem, 2020, 13, 2966-2972.	6.8	17
14	Simplifying and expanding the scope of boron imidazolate framework (BIF) synthesis using mechanochemistry. Chemical Science, 2021, 12, 14499-14506.	7.4	7
15	Real-Time Observation of "Soft-Magic-Size Clusters during Hydrolysis of the Model Metallodrug Bismuth Disalicylate. Journal of the American Chemical Society, 2021, 143, 16332-16336.	13.7	5
16	Metal-Catalyzed Organic Reactions by Resonant Acoustic Mixing**. Angewandte Chemie, 2022, 134, e202115030.	2.0	4
17	A new class of anionic metallohelicates based on salicylic and terephthalic acid units, accessible in solution and by mechanochemistry. Chemical Communications, 2021, 57, 5143-5146.	4.1	0