

Forano Claude

List of Publications by Year in descending order

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25
papers

1,981
citations

394421

19
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

2198
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of hierarchical glucose oxidase/Co ₃ Mn-CO ₃ LDH modified electrodes for glucose detection. <i>Electrochimica Acta</i> , 2021, 376, 138050.	5.2	13
2	Structural insight into the photoinduced E ⁺ Z isomerisation of cinnamate embedded in ZnAl and MgAl layered double hydroxides. <i>Journal of Molecular Structure</i> , 2020, 1219, 128561.	3.6	3
3	Insights into the Structure and the Electrochemical Reactivity of Cobalt-Manganese Layered Double Hydroxides: Application to H ₂ O ₂ Sensing. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15585-15599.	3.1	15
4	Tailoring Hybrid Layered Double Hydroxides for the Development of Innovative Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1703868.	14.9	205
5	The distribution of reactive Ni ²⁺ in 2D Mg _{2-x} Ni _x Al-LDH nanohybrid materials determined by solid state ²⁷ Al MAS NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25335-25342.	2.8	11
6	Chiral Polyol Synthesis Catalyzed by a Thermostable Transketolase Immobilized on Layered Double Hydroxides in Ionic liquids. <i>ChemCatChem</i> , 2015, 7, 3163-3170.	3.7	18
7	Design of Artificial Metabolisms in Layered Nanomaterials for the Enzymatic Synthesis of Phosphorylated Sugars. <i>ChemCatChem</i> , 2015, 7, 3110-3115.	3.7	19
8	Polysaccharide-layered double hydroxide-aldolase biohybrid beads for biocatalysed CC bond formation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 204-211.	1.8	11
9	Bacteria encapsulated in layered double hydroxides: Towards an efficient bionanohybrid for pollutant degradation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 344-350.	5.0	27
10	Optimized immobilization of transketolase from <i>E. coli</i> in MgAl-layered double hydroxides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 452-459.	5.0	22
11	A templated electrosynthesis of macroporous NiAl layered double hydroxides thin films. <i>Chemical Communications</i> , 2011, 47, 1761-1763.	4.1	27
12	Hybrid layered double hydroxides-polypyrrole composites for construction of glucose/O ₂ biofuel cell. <i>Electrochimica Acta</i> , 2011, 56, 10378-10384.	5.2	39
13	Enhancing atrazine biodegradation by <i>Pseudomonas</i> sp. strain ADP adsorption to Layered Double Hydroxide bionanocomposites. <i>Journal of Hazardous Materials</i> , 2011, 191, 126-135.	12.4	41
14	Efficient Immobilization of Yeast Transketolase on Layered Double Hydroxides and Application for Ketose Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1497-1509.	4.3	32
15	Characterization of Hemoglobin Immobilized in MgAl-Layered Double Hydroxides by the Coprecipitation Method. <i>Langmuir</i> , 2010, 26, 9997-10004.	3.5	48
16	Electrochemical Study of Anionic Ferrocene Derivatives Intercalated in Layered Double Hydroxides: Application to Glucose Amperometric Biosensors. <i>Electroanalysis</i> , 2009, 21, 399-408.	2.9	34
17	Immobilization of anionic iron(III) porphyrins into ordered macroporous layered double hydroxides and investigation of catalytic activity in oxidation reactions. <i>Journal of Molecular Catalysis A</i> , 2009, 310, 42-50.	4.8	60
18	Atrazine biodegradation modulated by clays and clay/humic acid complexes. <i>Environmental Pollution</i> , 2009, 157, 2837-2844.	7.5	47

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19	Glycine-Assisted Hydrothermal Synthesis of NiAl-Layered Double Hydroxide Nanostructures. <i>Crystal Growth and Design</i> , 2009, 9, 3646-3654.	3.0	66
20	Three Dimensionally Ordered Macroporous Layered Double Hydroxides: Preparation by Templated Impregnation/Coprecipitation and Pattern Stability upon Calcination. <i>Chemistry of Materials</i> , 2008, 20, 1116-1125.	6.7	91
21	Texture effect of layered double hydroxides on chemisorption of Orange II. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 818-823.	4.0	53
22	Synthesis of Al-rich hydrotaalcite-like compounds by using the urea hydrolysis reactionâ€™ control of size and morphology. <i>Journal of Materials Chemistry</i> , 2003, 13, 1988-1993.	6.7	371
23	Hybrid derivatives of layered double hydroxides. <i>Applied Clay Science</i> , 2001, 18, 3-15.	5.2	100
24	Delamination and restacking of layered double hydroxides. <i>Journal of Materials Chemistry</i> , 2001, 11, 105-112.	6.7	271
25	Delamination of layered double hydroxides by use of surfactants. <i>Chemical Communications</i> , 2000, , 91-92.	4.1	357