

# 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	Synthesis of Al-rich hydrotalcite-like compounds by using the urea hydrolysis reaction—control of size and morphology. <i>Journal of Materials Chemistry</i> , 2003, 13, 1988-1993.	6.7	371
2	Delamination of layered double hydroxides by use of surfactants. <i>Chemical Communications</i> , 2000, , 91-92.	4.1	357
3	Delamination and restacking of layered double hydroxides. <i>Journal of Materials Chemistry</i> , 2001, 11, 105-112.	6.7	271
4	Tailoring Hybrid Layered Double Hydroxides for the Development of Innovative Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1703868.	14.9	205
5	Hybrid derivatives of layered double hydroxides. <i>Applied Clay Science</i> , 2001, 18, 3-15.	5.2	100
6	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
7	Glycine-Assisted Hydrothermal Synthesis of NiAl-Layered Double Hydroxide Nanostructures. <i>Crystal Growth and Design</i> , 2009, 9, 3646-3654.	3.0	66
8	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
9	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
10	Characterization of Hemoglobin Immobilized in MgAl-Layered Double Hydroxides by the Coprecipitation Method. <i>Langmuir</i> , 2010, 26, 9997-10004.	3.5	48
11	Atrazine biodegradation modulated by clays and clay/humic acid complexes. <i>Environmental Pollution</i> , 2009, 157, 2837-2844.	7.5	47
12	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
13	Hybrid layered double hydroxides-polypyrrole composites for construction of glucose/O <sub>2</sub> biofuel cell. <i>Electrochimica Acta</i> , 2011, 56, 10378-10384.	5.2	39
14	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
15	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
16	A templated electrosynthesis of macroporous NiAl layered double hydroxides thin films. <i>Chemical Communications</i> , 2011, 47, 1761-1763.	4.1	27
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Design of Artificial Metabolisms in Layered Nanomaterials for the Enzymatic Synthesis of Phosphorylated Sugars. <i>ChemCatChem</i> , 2015, 7, 3110-3115.	3.7	19
20	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
21	Insights into the Structure and the Electrochemical Reactivity of Cobalt-Manganese Layered Double Hydroxides: Application to H <sub>2</sub> O <sub>2</sub> Sensing. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15585-15599.	3.1	15
22	Evaluation of hierarchical glucose oxidase/Co <sub>3</sub> Mn-CO <sub>3</sub> LDH modified electrodes for glucose detection. <i>Electrochimica Acta</i> , 2021, 376, 138050.	5.2	13
23	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
24	The distribution of reactive Ni <sup>2+</sup> in 2D Mg <sub>2-x</sub> Ni <sub>x</sub> Al-LDH nanohybrid materials determined by solid state <sup>27</sup> Al MAS NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25335-25342.	2.8	11
25	Structural insight into the photoinduced E <sup>+</sup> Z isomerisation of cinnamate embedded in ZnAl and MgAl layered double hydroxides. <i>Journal of Molecular Structure</i> , 2020, 1219, 128561.	3.6	3