VÃ-ctor Oestreicher

List of Publications by Year
in descending order

28	420	840585 11	794469 19
papers	citations	h-index	g-index

30	30	30	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Room temperature synthesis of two-dimensional multilayer magnets based on Î±-CoII layered hydroxides. Nano Materials Science, 2022, 4, 36-43.	3.9	14
2	Influence of Fe-clustering on the water oxidation performance of two-dimensional layered double hydroxides. Dalton Transactions, 2022, 51, 4675-4684.	1.6	7
3	Room temperature synthesis of lanthanum phosphates with controlled nanotexture as host for Ln(III) through the Epoxide Route. Journal of Sol-Gel Science and Technology, 2022, 102, 279-287.	1.1	4
4	A versatile one-pot room temperature approach for the synthesis of gold nanoparticles with multiple sizes and shapes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128890.	2.3	3
5	The Missing Link in the Magnetism of Hybrid Cobalt Layered Hydroxides: The Oddâ€“Even Effect of the Organic Spacer. Chemistry - A European Journal, 2021, 27, 921-927.	1.7	10
6	Amorphous Calcium Phosphates: Solventâ€Controlled Growth and Stabilization through the Epoxide Route. Chemistry - A European Journal, 2021, 27, 10077-10086.	1.7	5
7	Ruddlesdenâ€Popper hybrid lead bromide perovskite nanosheets of phase pure n = 2: stabilized colloids stored in the solid state. Angewandte Chemie, 2021, 133, 27518.	1.6	1
8	Ruddlesdenâ€“Popper Hybrid Lead Bromide Perovskite Nanosheets of Phase Pure n=2: Stabilized Colloids Stored in the Solid State. Angewandte Chemie - International Edition, 2021, 60, 27312-27317.	7.2	8
9	Mild Homogeneous Synthesis of Gold Nanoparticles through the Epoxide Route: Kinetics, Mechanisms, and Related Oneâ€Pot Composites. Chemistry - A European Journal, 2020, 26, 3157-3165.	1.7	8
10	Unveiling the Occurrence of Co(III) in NiCo Layered Electroactive Hydroxides: The Role of Distorted Environments. Chemistry - A European Journal, 2020, 26, 17081-17090.	1.7	10
11	E-waste upcycling for the synthesis of plasmonic responsive gold nanoparticles. Waste Management, 2020, 117, 9-17.	3.7	13
12	Monitoring Chemical Reactions with SERS-Active Ag-Loaded Mesoporous TiO₂ Films. Analytical Chemistry, 2020, 92, 13656-13660.	3.2	9
13	The Role of Covalent Functionalization in the Thermal Stability and Decomposition of Hybrid Layered Hydroxides. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000380.	1.2	9
14	Fundamental Insights into the Covalent Silane Functionalization of NiFe Layered Double Hydroxides. Chemistry - A European Journal, 2020, 26, 6504-6517.	1.7	12
15	Boosting the Supercapacitive Behavior of CoAl Layered Double Hydroxides via Tuning the Metal Composition and Interlayer Space. Batteries and Supercaps, 2020, 3, 499-509.	2.4	24
16	Insights into the formation of metal carbon nanocomposites for energy storage using hybrid NiFe layered double hydroxides as precursors. Chemical Science, 2020, 11, 7626-7633.	3.7	9
17	Gold Recycling at Laboratory Scale: From Nanowaste to Nanospheres. ChemSusChem, 2019, 12, 4882-4888.	3.6	16
18	Halide-Mediated Modification of Magnetism and Electronic Structure of Î±-Co(II) Hydroxides: Synthesis, Characterization, and DFT+U Simulations. Inorganic Chemistry, 2019, 58, 9414-9424.	1.9	16

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19	On Demand Oneâ€Pot Mild Preparation of Layered Double Hydroxides and Their Hybrid Forms: Advances through the Epoxide Route. Chemistry - A European Journal, 2019, 25, 12611-12619.	1.7	13
20	Giant Enhancement in the Supercapacitance of NiFeâ€“Graphene Nanocomposites Induced by a Magnetic Field. Advanced Materials, 2019, 31, e1900189.	11.1	21
21	Optimization of sensors based on encapsulated algae for pesticide detection in water. Analytical Methods, 2019, 11, 6193-6203.	1.3	16
22	Nanotextured alpha Ni(<scp>ii</scp>)â€“Co(<scp>ii</scp>) hydroxides as supercapacitive active phases. RSC Advances, 2017, 7, 5595-5600.	1.7	20
23	Extremely efficient crystallization of HKUST-1 and Keggin-loaded related phases through the epoxide route. Chemical Communications, 2017, 53, 3466-3468.	2.2	10
24	Physicochemical aspects of epoxide driven nano-ZrO₂ hydrogel formation: milder kinetics for better properties. Dalton Transactions, 2016, 45, 9920-9924.	1.6	5
25	One-Pot Epoxide-Driven Synthesis of M₂Al(OH)₆ClÂ·1.5H₂O Layered Double Hydroxides: Precipitation Mechanism and Relative Stabilities. Journal of Physical Chemistry C, 2014, 118, 30274-30281.	1.5	27
26	Halide Exchange on Mg(II)â€“Al(III) Layered Double Hydroxides: Exploring Affinities and Electrostatic Predictive Models. Langmuir, 2014, 30, 8408-8415.	1.6	24
27	One Pot Synthesis of Mg₂Al(OH)₆ClÂ·1.5H₂O Layered Double Hydroxides: The Epoxide Route. Langmuir, 2013, 29, 12104-12109.	1.6	37
28	Enzyme-Based Hybrid Macroporous Foams as Highly Efficient Biocatalysts Obtained through Integrative Chemistry. Chemistry of Materials, 2010, 22, 4555-4562.	3.2	68