

# Herve Menard

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

1,781  
citations

11  
h-index

24  
g-index

24  
ext. papers

2,037  
ext. citations

6.3  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
24	In situ growth of nanoparticles through control of non-stoichiometry. <i>Nature Chemistry</i> , <b>2013</b> , 5, 916-23	17.6	569
23	Nano-socketed nickel particles with enhanced coking resistance grown in situ by redox exsolution. <i>Nature Communications</i> , <b>2015</b> , 6, 8120	17.4	438
22	TiO <sub>2</sub> -(B) Nanotubes as Anodes for Lithium Batteries: Origin and Mitigation of Irreversible Capacity. <i>Advanced Energy Materials</i> , <b>2012</b> , 2, 322-327	21.8	214
21	Particle size effect in the low temperature reforming of methane by carbon dioxide on silica-supported Ni nanoparticles. <i>Journal of Catalysis</i> , <b>2013</b> , 297, 27-34	7.3	192
20	Demonstration of chemistry at a point through restructuring and catalytic activation at anchored nanoparticles. <i>Nature Communications</i> , <b>2017</b> , 8, 1855	17.4	87
19	The effect of Pt NPs crystallinity and distribution on the photocatalytic activity of Pt-g-C <sub>3</sub> N <sub>4</sub> . <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 13929-36	3.6	68
18	Correlation between the magnetorefractive effect, giant magnetoresistance, and optical properties of Co-Ag granular magnetic films. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	57
17	Chlorine-Enabled Electron Doping in Solution-Synthesized SnSe Thermoelectric Nanomaterials. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602328	21.8	48
16	Facile Synthesis of Branched Ruthenium Nanocrystals and Their Use in Catalysis. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 939-942	3.5	27
15	An investigation of crystal structure, surface area and surface chemistry of strontium niobate and their influence on photocatalytic performance. <i>Dalton Transactions</i> , <b>2013</b> , 42, 7880-7	4.3	16
14	Nanocone Decorated ZnO Microspheres Exposing the (0001) Plane and Enhanced Photocatalytic Properties. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1601238	4.6	14
13	Methylsilane on Cu(111), a STM study of the R30°-Cu <sub>2</sub> Si surface silicide. <i>Surface Science</i> , <b>2005</b> , 585, 47-52.	1.8	9
12	Improved metastable de-excitation spectrometer using laser-cooling techniques. <i>Review of Scientific Instruments</i> , <b>2005</b> , 76, 053102	1.7	9
11	Coordination controlled electrodeposition and patterning of layers of palladium/copper nanoparticles on top of a self-assembled monolayer. <i>Nanoscale</i> , <b>2019</b> , 11, 13773-13782	7.7	6
10	Surface electronic structure of two- and three-dimensional holmium silicide on Si(111). <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	6
9	Thiocyanate Anchors for Salt-like Iron(II) Complexes on Au(111): Promises and Caveats. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2014</b> , 69, 1164-1180	1	5
8	Reviewing Research Trends – Scientometric Approach Using Gunshot Residue (GSR) Literature as an Example. <i>Publications</i> , <b>2020</b> , 8, 7	1.7	4

7	Synthesis of Well-Defined, Surfactant-Free Co <sub>3</sub> O <sub>4</sub> Nanoparticles: The Impact of Size and Manganese Promotion on Co <sub>3</sub> O <sub>4</sub> Reduction and Water Oxidation Activity. <i>Catalysis Letters</i> , <b>2018</b> , 148, 235-245	2.8	3
6	Methylsilane on Cu(1 1 1): A MDS study of the formation of the surface silicide. <i>Chemical Physics Letters</i> , <b>2005</b> , 412, 434-438	2.5	3
5	Research trends in forensic science: A scientometric approach to analyze the content of the INTERPOL reviews. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , e1447	2.6	3
4	A RAIRS study of the adsorption and decomposition of methylsilane on Cu(111). <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 355002	1.8	2
3	Creation of a universal experimental protocol for the investigation of transfer and persistence of trace evidence: Part 1 - From design to implementation for particulate evidence. <i>Forensic Science International (Online)</i> , <b>2021</b> , 3, 100165	1.9	1
2	Creation of a universal experimental protocol for the investigation of transfer and persistence of trace evidence: Part 2 - Implementation and preliminary data. <i>Forensic Science International (Online)</i> , <b>2021</b> , 3, 100164	1.9	
1	Scientometric analysis of the forensic science literature for fibre as an evidence type: Access and data availability. <i>Forensic Science International (Online)</i> , <b>2022</b> , 5, 100269	1.9	