Pardis Simon

List of Publications by Year
in descending order

32 papers	566 citations	686830 13 h-index	642321 23 g-index
33 all docs	33 docs citations	33 times ranked	999 citing authors

#	Article	IF	Citations
1	An unusual O^{2â^'}/F^{â^'} distribution in the new pyrochlore oxyfluorides: Na₂B₂O₅F₂ (B = Nb, Ta). Chemical Communications, 2022, 58, 2391-2394.	2.2	1
2	TEMPO-Ru-BEA Composite Material for the Selective Oxidation of Alcohols to Aldehydes. ACS Catalysis, 2022, 12, 8925-8935.	5.5	5
3	Production of styrene by dehydrogenation of ethylbenzene on a [Re, W]/Î³-Al2O3 (K, Ce)/Î±-Al2O3 porous ceramic catalytic converter. Chemical Engineering and Processing: Process Intensification, 2021, 160, 108265.	1.8	10
4	Effect of Adding Transition Metals to Copper on the Dehydrogenation Reaction of Ethanol. Catalysis Letters, 2021, 151, 2864-2883.	1.4	6
5	Mn-or Cu-substituted LaFeO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>-based three-way catalysts: Highlighting different catalytically operating modes of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si7.svg"><mml:msub><mml:mrow /><mml:mn>0.67</mml:mn></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si8.svg"><mml:msub><mml:mrow /><mml:mmn	10.8	17
6	A high dimensional oxysulfide built from large iron-based clusters with partial charge-ordering. Chemical Communications, 2021, 57, 11859-11862.	2.2	2
7	Iron and copper nanoparticles inside and outside carbon nanotubes: Nanoconfinement, migration, interaction and catalytic performance in Fischer-Tropsch synthesis. Journal of Catalysis, 2021, 404, 306-323.	3.1	9
8	Direct conversion of uranium dioxide UO₂to uranium tetrafluoride UF₄using the fluorinated ionic liquid [Bmim][PF₆]. Dalton Transactions, 2020, 49, 274-278.	1.6	4
9	Methane steam reforming in water-deficient conditions on a new Ni-exsolved Ruddlesden-Popper manganite: Coke formation and H2S poisoning. International Journal of Hydrogen Energy, 2020, 45, 27145-27159.	3.8	13
10	Rethinking Electronic and Geometric Structures of Real Hydrodesulfurization Catalysts by In Situ Photon-In/Photon-Out Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 17586-17598.	1.5	7
11	Multifunctional nanocomposites with non-precious metals and magnetic core for 5-HMF oxidation to FDCA. Applied Catalysis B: Environmental, 2020, 278, 119309.	10.8	54
12	Self-supported Pt-doped ceria nanofilms directly investigated by transmission electron microscopy. Applied Surface Science, 2020, 509, 145177.	3.1	3
13	Properties and activity of Znâ€"Ta-TUD-1 in the Lebedev process. Green Chemistry, 2020, 22, 2558-2574.	4.6	17
14	Novel insights into the charge storage mechanism in pseudocapacitive vanadium nitride thick films for high-performance on-chip micro-supercapacitors. Energy and Environmental Science, 2020, 13, 949-957.	15.6	78
15	The hidden story in BaNiO3 to BaNiO2 transformation: adaptive structural series and NiO exsolution. Chemical Communications, 2019, 55, 3717-3720.	2.2	6
16	Study of applicability in an aqueous paint of the blue pigment YIn0.95Mn0.05O3. Dyes and Pigments, 2018, 156, 17-25.	2.0	6
17	Influence of stainless steel surface properties on whey protein fouling under industrial processing conditions. Journal of Food Engineering, 2018, 228, 38-49.	2.7	25
18	Mixed-Valence Iron Dumortierite Fe_{13.5}^{2.22+}(As⁵⁺O_{4â€"x})₈(OH)₆ and Its Intricate Topotactic Exsolution at Mild Temperatures. Inorganic Chemistry, 2018, 57, 15093-15104.	4.9	5

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19	LaFeO₃ thin films as relevant models for the surface investigation of 3â€way catalysts. Surface and Interface Analysis, 2018, 50, 1018-1024.	0.8	5
20	Selective ligand-free cobalt-catalysed reduction of esters to aldehydes or alcohols. Catalysis Science and Technology, 2018, 8, 3504-3512.	2.1	15
21	Nanoporous Platinum Doped Cerium Oxides Thin Films Grown on Silicon Substrates: Ionic Platinum Localization and Stability. Advanced Materials Interfaces, 2017, 4, 1600821.	1.9	8
22	Development of nickel supported La and Ce-natural illite clay for autothermal dry reforming of methane: Toward a better resistance to deactivation. Applied Catalysis B: Environmental, 2017, 205, 519-531.	10.8	50
23	Evaluation of electrochemical performances of ZnFe₂O₄/Î³-Fe₂O₃nanoparticles prepared by laser pyrolysis. New Journal of Chemistry, 2017, 41, 9236-9243.	1.4	16
24	Observation of surface reduction in porous ceria thin film grown on graphite foil substrate. Materials Today: Proceedings, 2016, 3, 2772-2779.	0.9	5
25	Comparative study of air and vacuum annealing atmosphere towards Pt/Tiâ€“W/SiO2 stability. Thin Solid Films, 2013, 548, 138-142.	0.8	0
26	Direct photocurrent generation from nitrogen doped TiO2 electrodes in solid-state dye-sensitized solar cells: Towards optically-active metal oxides for photovoltaic applications. Solar Energy Materials and Solar Cells, 2013, 117, 624-631.	3.0	42
27	X-ray absorption investigation of titanium oxynitride nanoparticles obtained from laser pyrolysis. Chemical Physics, 2013, 418, 47-56.	0.9	8
28	Grafting polymers to titania nanoparticles by radical polymerization initiated by diazonium salt. Journal of Materials Science, 2011, 46, 6332-6338.	1.7	40
29	TiO₂ Nanocrystals Synthesized by Laser Pyrolysis for the Upâ€Scaling of Efficient Solidâ€State Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2011, 1, 908-916.	10.2	29
30	N-Doped Titanium Monoxide Nanoparticles with TiO Rock-Salt Structure, Low Energy Band Gap, and Visible Light Activity. Chemistry of Materials, 2010, 22, 3704-3711.	3.2	73
31	Graftfast^{Â©}: Towards the Control of Surface Properties of any Type of Materials by the Grafting of Polymers. Advanced Materials Research, 0, 445, 797-802.	0.3	3
32	Heterogenization of Complexes by Encapsulation in Solid Micelles for Aqueous-Phase Catalysis. Chemistry of Materials, 0, , .	3.2	3