Jacinto Sa

List of Publications by Year
in descending order

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175 papers	4,783 citations	87723 38 h-index	128067 60 g-index
184 all docs	184 docs citations	184 times ranked	6895 citing authors

#	Article	IF	Citations
1	Approaching the Attosecond Frontier of Dynamics in Matter with the Concept of X-ray Chronoscopy. Applied Sciences (Switzerland), 2022, 12, 1721.	1.3	2
2	Welcome to Physchem: Status and Prospects. Physchem, 2022, 2, 16-17.	0.5	0
3	PhysChem: A New Physical Chemistry Journal. Physchem, 2021, 1, 1-3.	0.5	0
4	Role of the Metal Oxide Electron Acceptor on Goldâ€“Plasmon Hot-Carrier Dynamics and Its Implication to Photocatalysis and Photovoltaics. ACS Applied Nano Materials, 2021, 4, 2052-2060.	2.4	19
5	Reduction Mechanisms of Anticancer Osmium(VI) Complexes Revealed by Atomic Telemetry and Theoretical Calculations. Inorganic Chemistry, 2021, 60, 6663-6671.	1.9	5
6	A bioinspired nitrone precursor to a stabilized nitroxide radical. Free Radical Biology and Medicine, 2021, 168, 110-116.	1.3	5
7	Plasmon-Mediated Oxidation Reaction on Au/p-Cu2O: The Origin of Hot Holes. Physchem, 2021, 1, 163-175.	0.5	2
8	Resonant X-ray Emission Spectroscopy with a SASE Beam. Applied Sciences (Switzerland), 2021, 11, 8775.	1.3	1
9	Selective photocatalytic oxidation of 3-pyridinemethanol on platinized acid/base modified TiO2. Catalysis Science and Technology, 2021, 11, 4549-4559.	2.1	1
10	Phonon-Assisted Hot Carrier Generation in Plasmonic Semiconductor Systems. Nano Letters, 2021, 21, 1083-1089.	4.5	38
11	Nanotechnology for catalysis and solar energy conversion. Nanotechnology, 2021, 32, 042003.	1.3	44
12	Direct Plasmonic Solar Cell Efficiency Dependence on Spiro-OMeTAD Li-TFSI Content. Nanomaterials, 2021, 11, 3329.	1.9	4
13	Enhanced photoelectrochemical performance of atomic layer deposited Hf-doped ZnO. Surface and Coatings Technology, 2020, 385, 125352.	2.2	20
14	Recoverable and Reusable Polymer Microbead-Supported Metal Nanocatalysts for Redox Chemical Transformations. ACS Applied Nano Materials, 2020, 3, 1722-1730.	2.4	3
15	Boosting the Performance of Nano-Ni Catalysts by Palladium Doping in Flow Hydrogenation of Sulcatone. Catalysts, 2020, 10, 1267.	1.6	4
16	Molecular Linking Selectivity on Self-Assembled Metal-Semiconductor Nano-Hybrid Systems. Nanomaterials, 2020, 10, 1378.	1.9	2
17	Ultrafast hot-hole injection modifies hot-electron dynamics in Au/p-GaN heterostructures. Nature Materials, 2020, 19, 1312-1318.	13.3	138
18	Direct Observation of a Plasmon-Induced Hot Electron Flow in a Multimetallic Nanostructure. Nano Letters, 2020, 20, 8220-8228.	4.5	24

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19	In situobservation of charge transfer and crystal field formationviahigh energy resolution X-ray spectroscopy during temperature programmed oxidation. Physical Chemistry Chemical Physics, 2020, 22, 14731-14735.	1.3	2
20	A metal-free blue chromophore derived from plant pigments. Science Advances, 2020, 6, eaaz0421.	4.7	24
21	Highly stable defective TiO2-x with tuned exposed facets induced by fluorine: Impact of surface and bulk properties on selective UV/visible alcohol photo-oxidation. Applied Surface Science, 2020, 510, 145419.	3.1	28
22	Tuning Nanoâ€Nickel Catalyst Hydrogenation Aptitude by Onâ€theâ€Fly Zirconium Doping. ChemCatChem, 2020, 12, 3132-3138.	1.8	2
23	Unveiling the role of bisulfide in the photocatalytic splitting of H2S in aqueous solutions. Applied Catalysis B: Environmental, 2020, 270, 118886.	10.8	17
24	Comparative study of the around-Fermi electronic structure of 5d metals and metal-oxides by means of high-resolution X-ray emission and absorption spectroscopies. Journal of Synchrotron Radiation, 2020, 27, 689-694.	1.0	7
25	Onâ€theâ€fly Catalyst Modification: Strategy to Improve Catalytic Processes Selectivity and Understanding. ChemCatChem, 2019, 11, 3355-3365.	1.8	13
26	Simultaneous Hot Electron and Hole Injection upon Excitation of Gold Surface Plasmon. Journal of Physical Chemistry Letters, 2019, 10, 3140-3146.	2.1	26
27	A laboratory-based double X-ray spectrometer for simultaneous X-ray emission and X-ray absorption studies. Journal of Analytical Atomic Spectrometry, 2019, 34, 1409-1415.	1.6	40
28	The role of adsorbates in the green emission and conductivity of zinc oxide. Communications Chemistry, 2019, 2, .	2.0	24
29	Boosting photobioredox catalysis by morpholine electron donors under aerobic conditions. Catalysis Science and Technology, 2019, 9, 2682-2688.	2.1	14
30	Morpholine-based buffers activate aerobic photobiocatalysisviaspin correlated ion pair formation. Catalysis Science and Technology, 2019, 9, 1365-1371.	2.1	17
31	Inception of electronic damage of matter by photon-driven post-ionization mechanisms. Structural Dynamics, 2019, 6, 024901.	0.9	7
32	Hydrated Electron Generation by Excitation of Copper Localized Surface Plasmon Resonance. Journal of Physical Chemistry Letters, 2019, 10, 1743-1749.	2.1	18
33	Efficient visible light-driven water oxidation catalysed by an iron(<scp>iv</scp>) clathrochelate complex. Chemical Communications, 2019, 55, 3335-3338.	2.2	33
34	Core-level nonlinear spectroscopy triggered by stochastic X-ray pulses. Nature Communications, 2019, 10, 4761.	5.8	23
35	The influence of nitrogen doping on the electronic structure of the valence and conduction band in TiO₂. Journal of Synchrotron Radiation, 2019, 26, 145-151.	1.0	9
36	Longâ€Lasting Nonâ€hydrogenated Dark Titanium Dioxide: Medium Vacuum Anneal for Enhanced Visible Activity of Modified Multiphase Photocatalysts. ChemCatChem, 2018, 10, 2949-2954.	1.8	17

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37	Influence of microwave activation on the catalytic behavior of Pd-Au/C catalysts employed in the hydrodechlorination of tetrachloromethane. Reaction Kinetics, Mechanisms and Catalysis, 2018, 124, 375-388.	0.8	6
38	Differences between bulk and surface electronic structure of doped TiO2 with soft-elements (C, N and) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.0	9
39	Hydrogen evolution with CsPbBr3 perovskite nanocrystals under visible light in solution. Materials Today Communications, 2018, 16, 90-96.	0.9	30
40	Tuning nano-nickel selectivity with tin in flow hydrogenation of 6-methyl-5-hepten-2-one by surface organometallic chemistry modification. Catalysis Today, 2018, 308, 38-44.	2.2	10
41	Phototriggering lignin peroxidase with nanocatalysts to convert veratryl alcohol to high-value chemical veratryl aldehyde. Materials Today Sustainability, 2018, 1-2, 28-31.	1.9	4
42	Light-induced ultrafast proton-coupled electron transfer responsible for H2 evolution on silver plasmonics. Materials Today, 2018, 21, 590-593.	8.3	13
43	Application of silica-supported Ir and Ir-M (Mâ€¯=â€¯Pt, Pd, Au) catalysts for low-temperature hydrodechlorination of tetrachloromethane. Science of the Total Environment, 2018, 644, 287-297.	3.9	8
44	Mechanism of hydrolysis of a platinum(IV) complex discovered by atomic telemetry. Journal of Inorganic Biochemistry, 2018, 187, 56-61.	1.5	7
45	Onâ€theâ€fly Catalyst Accretion and Screening in Chemoselective Flow Hydrogenation. ChemCatChem, 2018, 10, 3641-3646.	1.8	8
46	Hidden gapless states during thermal transformations of preorganized zinc alkoxides to zinc oxide nanocrystals. Materials Horizons, 2018, 5, 905-911.	6.4	11
47	Inorganic Ions Assisted the Anisotropic Growth of CsPbCl₃ Nanowires with Surface Passivation Effect. ACS Applied Materials & Interfaces, 2018, 10, 29574-29582.	4.0	14
48	Formal water oxidation turnover frequencies from MIL-101(Cr) anchored Ru(bda) depend on oxidant concentration. Chemical Communications, 2018, 54, 7770-7773.	2.2	18
49	p-Nitrophenol flow hydrogenation with nano-Cu2O grafted on polymeric resin. Catalysis Communications, 2017, 92, 61-64.	1.6	12
50	In situ high energy resolution off-resonant spectroscopy applied to a time-resolved study of single site Ta catalyst during oxidation. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 63-67.	0.6	1
51	Hydrogen evolution with nanoengineered ZnO interfaces decorated using a beetroot extract and a hydrogenase mimic. Sustainable Energy and Fuels, 2017, 1, 69-73.	2.5	35
52	A novel nano-palladium catalyst for continuous-flow chemoselective hydrogenation reactions. Catalysis Communications, 2017, 94, 65-68.	1.6	19
53	Direct Determination of Metal Complexesâ€™ Interaction with DNA by Atomic Telemetry and Multiscale Molecular Dynamics. Journal of Physical Chemistry Letters, 2017, 8, 805-811.	2.1	21
54	Controlling dark catalysis with quasi half-cycle terahertz pulses. Catalysis Science and Technology, 2017, 7, 1050-1054.	2.1	3

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55	Chemoselective flow hydrogenation of Î±,Î² â€“ Unsaturated aldehyde with nano-nickel. Catalysis Communications, 2017, 98, 17-21.	1.6	15
56	Novel photo-reactor for fast screening of photo-catalytic systems. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 335, 36-39.	2.0	4
57	Nano-hybrid plasmonic photocatalyst for hydrogen production at 20% efficiency. Scientific Reports, 2017, 7, 8670.	1.6	35
58	N-TiO2/Cu-TiO2 double-layer films: Impact of stacking order on photocatalytic properties. Journal of Catalysis, 2017, 353, 116-122.	3.1	25
59	High energy resolution off-resonant spectroscopy: A review. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 136, 23-33.	1.5	10
60	A new technique for probing chirality via photoelectron circular dichroism. Analytica Chimica Acta, 2017, 984, 134-139.	2.6	35
61	State-Population Narrowing Effect in Two-Photon Absorption for Intense Hard X-ray Pulses. Applied Sciences (Switzerland), 2017, 7, 653.	1.3	3
62	Continuous-Flow Hydrogenation of D-Xylose with Bimetallic Ruthenium Catalysts on Micrometric Alumina. Synthesis and Catalysis Open Access, 2017, 02, .	0.4	5
63	Turbostratic carbon supported palladium as an efficient catalyst for reductive purification of water from trichloroethylene. AIMS Materials Science, 2017, 4, 1276-1288.	0.7	4
64	Hydrodechlorination Using Pdâ€“Au Nanoparticles to Convert Chloro-Containing Compounds to Useful Chemicals. , 2016, , .		1
65	Establishing nonlinearity thresholds with ultraintense X-ray pulses. Scientific Reports, 2016, 6, 33292.	1.6	43
66	Investigating DNA Radiation Damage Using X-Ray Absorption Spectroscopy. Biophysical Journal, 2016, 110, 1304-1311.	0.2	16
67	E-beam evaporated TiO 2 and Cu-TiO 2 on glass: Performance in the discoloration of methylene blue and 2-propanol oxidation. Applied Catalysis A: General, 2016, 526, 191-199.	2.2	34
68	Flow hydrogenation of p-nitrophenol with nano-Ag/Al₂O₃. RSC Advances, 2016, 6, 87564-87568.	1.7	19
69	Magnetic Manipulation of Spontaneous Emission from Inorganic CsPbBr₃ Perovskites Nanocrystals. Advanced Optical Materials, 2016, 4, 2004-2008.	3.6	14
70	Ultra long-lived electron-hole separation within water-soluble colloidal ZnO nanocrystals: Prospective applications for solar energy production. Nano Energy, 2016, 30, 187-192.	8.2	39
71	Green microfluidic synthesis of monodisperse silver nanoparticles via genetic algorithm optimization. RSC Advances, 2016, 6, 95693-95697.	1.7	28
72	Cr-doping effects on unoccupied d-band electronic structure of TiO2. Chemical Physics Letters, 2016, 664, 73-76.	1.2	8

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73	Resonant X-ray emission spectroscopy of platinum(<scp>ii</scp>) anticancer complexes. Analyst, The, 2016, 141, 1226-1232.	1.7	6
74	Hunting for the elusive shallow traps in TiO₂ anatase. Chemical Communications, 2015, 51, 10914-10916.	2.2	40
75	Depth-Resolved X-ray Absorption Spectroscopy by Means of Grazing Emission X-ray Fluorescence. Analytical Chemistry, 2015, 87, 10815-10821.	3.2	20
76	The use of Resonant X-ray Emission Spectroscopy (RXES) for the electronic analysis of metal complexes and their interactions with biomolecules. Drug Discovery Today: Technologies, 2015, 16, 1-6.	4.0	2
77	Study of the reactivity of silica supported tantalum catalysts with oxygen followed by in situ HEROS. Physical Chemistry Chemical Physics, 2015, 17, 18262-18264.	1.3	4
78	A 3D printed microliquid jet with an adjustable nozzle diameter. Analyst, The, 2015, 140, 6234-6238.	1.7	4
79	Nanoparticle characterization by means of scanning free grazing emission X-ray fluorescence. Nanoscale, 2015, 7, 9320-9330.	2.8	15
80	Insights into the structureâ€“activity relationships of chiral 1,2-diaminophenylalkane platinum(II) anticancer derivatives. Journal of Biological Inorganic Chemistry, 2015, 20, 841-853.	1.1	7
81	Hydrogenation by Iron Catalysts. , 2015, , 119-154.		0
82	Hydrogenation by Nickel Catalysts. , 2015, , 37-78.		0
83	Hydrogenation by Silver Catalysts. , 2015, , 155-196.		0
84	Introduction to Heterogeneous Hydrogenation and Its Application in the Fine Chemicals Industry. , 2015, , 1-36.		0
85	Hydrogenation by Copper Catalysts. , 2015, , 79-118.		0
86	Communication: The electronic structure of matter probed with a single femtosecond hard x-ray pulse. Structural Dynamics, 2014, 1, 021101.	0.9	31
87	Heterogeneous Catalysis Experiments at XFELs. Are we Close to Producing a Catalysis Movie?. Catalysis Letters, 2014, 144, 197-203.	1.4	6
88	Effective catalytic disproportionation of aqueous H₂O₂with di- and mono-nuclear manganese(<scp>ii</scp>) complexes containing pyridine alcohol ligands. Dalton Transactions, 2014, 43, 8599-8608.	1.6	16
89	Dye-injected electron trapping in TiO2 determined by broadband transient infrared spectroscopy. Photochemical and Photobiological Sciences, 2014, 13, 1393-1396.	1.6	5
90	Temperature-programmed reduction of NiO nanoparticles followed by time-resolved RIXS. Physical Chemistry Chemical Physics, 2014, 16, 7692.	1.3	29

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91	Novel in situ methodology to observe the interactions of chemotherapeutical Pt drugs with DNA under physiological conditions. Dalton Transactions, 2014, 43, 13839-13844.	1.6	18
92	Evaluation of an in situ spatial resolution instrument for fixed beds through the assessment of the invasiveness of probes and a comparison with a micro-kinetic model. Journal of Catalysis, 2014, 319, 239-246.	3.1	24
93	Real Time Determination of the Electronic Structure of Unstable Reaction Intermediates during Au₂O₃ Reduction. Journal of Physical Chemistry Letters, 2014, 5, 80-84.	2.1	30
94	High Energy Resolution Off-Resonant Spectroscopy for X-Ray Absorption Spectra Free of Self-Absorption Effects. Physical Review Letters, 2014, 112, 173003.	2.9	37
95	Determination of conduction and valence band electronic structure of anatase and rutile TiO 2. Journal of Chemical Sciences, 2014, 126, 511-515.	0.7	26
96	Determination of conduction and valence band electronic structure of La2Ti2O7 thin film. RSC Advances, 2014, 4, 11420.	1.7	9
97	Comment on â€œThe Critical evaluation of in situ probe techniques for catalytic honeycomb monolithsâ€• by Hettel et al.. Catalysis Today, 2014, 236, 206-208.	2.2	10
98	CO2 to Fuels. , 2014, , 93-122.		0
99	Olefin Hydrogenation with Single-Site Gold. Acta Physica Polonica A, 2014, 125, 940-943.	0.2	2
100	Concept for Unmanned Microfluidic Reactor for the Optimization and Production of Well-defined Nanoparticles. Chemical and Materials Engineering, 2014, 2, 166-168.	0.7	1
101	Alternative preparation of size-controlled thiol-capped gold colloids. Gold Bulletin, 2013, 46, 161-164.	1.1	1
102	In situ hard X-ray quick RIXS to probe dynamic changes in the electronic structure of functional materials. Journal of Electron Spectroscopy and Related Phenomena, 2013, 188, 161-165.	0.8	29
103	Magnetic manipulation of molecules on a non-magnetic catalytic surface. Nanoscale, 2013, 5, 8462.	2.8	26
104	Fine tuning of gold electronic structure by IRMOF post-synthetic modification. RSC Advances, 2013, 3, 12043.	1.7	12
105	Direct observation of charge separation on Au localized surface plasmons. Energy and Environmental Science, 2013, 6, 3584.	15.6	70
106	A novel single-site manganese(ii) complex of a pyridine derivative as a catalase mimetic for disproportionation of H2O2 in water. Dalton Transactions, 2013, 42, 7761.	1.6	18
107	One-pot photo-reductive N-alkylation of aniline and nitroarene derivatives with primary alcohols over Auâ€“TiO₂. Catalysis Science and Technology, 2013, 3, 94-98.	2.1	59
108	Editors preface. Catalysis Today, 2013, 208, 1.	2.2	1

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109	Transient mid-IR study of electron dynamics in TiO2 conduction band. Analyst, The, 2013, 138, 1966.	1.7	19
110	Rational design of oxynitride materials: From theory to experiment. CrystEngComm, 2013, 15, 2583.	1.3	27
111	An in situ spatially resolved analytical technique to simultaneously probe gas phase reactions and temperature within the packed bed of a plug flow reactor. Analyst, The, 2013, 138, 2858.	1.7	22
112	Particle size and support effects in hydrogenation over supported gold catalysts. Catalysis Science and Technology, 2013, 3, 454-461.	2.1	44
113	High energy resolution fluorescence detection XANES â€“ an in situ method to study the interaction of adsorbed molecules with metal catalysts in the liquid phase. Catalysis Science and Technology, 2013, 3, 1497.	2.1	24
114	Subsecond and in Situ Chemical Speciation of Pt/Al₂O₃ during Oxidationâ€“Reduction Cycles Monitored by High-Energy Resolution Off-Resonant X-ray Spectroscopy. Journal of the American Chemical Society, 2013, 135, 19071-19074.	6.6	43
115	Scanning-free grazing emission x-ray fluorescence by means of an angular dispersive arrangement with a two-dimensional position-sensitive area detector. Review of Scientific Instruments, 2013, 84, 123102.	0.6	18
116	High energy resolution off-resonant spectroscopy at sub-second time resolution: (Pt(acac)2) decomposition. Chemical Communications, 2012, 48, 10898.	2.2	48
117	Scientific Opportunities for Heterogeneous Catalysis Research at the SuperXAS and SNBL Beam Lines. Chimia, 2012, 66, 699.	0.3	60
118	Determination of catalytic reaction mechanisms by isotopic frequency response. Analyst, The, 2012, 137, 5374.	1.7	4
119	The oxidation state of copper in bimetallic (Ptâ€“Cu, Pdâ€“Cu) catalysts during water denitration. Catalysis Science and Technology, 2012, 2, 794.	2.1	32
120	HERFD XAS/ATR-FTIR batch reactor cell. Physical Chemistry Chemical Physics, 2012, 14, 2164-2170.	1.3	29
121	Structure of the methanol synthesis catalyst determined by in situHERFD XAS and EXAFS. Catalysis Science and Technology, 2012, 2, 373-378.	2.1	33
122	Femtosecond lasers for mass spectrometry: Proposed application to catalytic hydrogenation of butadiene. Analyst, The, 2012, 137, 64-69.	1.7	7
123	Redispersion of Gold Supported on Oxides. ACS Catalysis, 2012, 2, 552-560.	5.5	73
124	Threeâ€“Dimensional Water Vapor Visualization in Porous Packing by Near-Infrared Diffuse Transmittance Tomography. Industrial & Engineering Chemistry Research, 2012, 51, 8875-8882.	1.8	8
125	Organic Thiol Modified Pt/TiO₂ Catalysts to Control Chemoselective Hydrogenation of Substituted Nitroarenes. ACS Catalysis, 2012, 2, 2079-2081.	5.5	159
126	In situ infrared spectroscopy on the gas phase hydrogenation of nitrobenzene. Catalysis Communications, 2012, 27, 83-87.	1.6	13

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127	A von Hamos x-ray spectrometer based on a segmented-type diffraction crystal for single-shot x-ray emission spectroscopy and time-resolved resonant inelastic x-ray scattering studies. Review of Scientific Instruments, 2012, 83, 103105.	0.6	158
128	Polyhedral CeO₂ Nanoparticles: Size-Dependent Geometrical and Electronic Structure. Journal of Physical Chemistry C, 2012, 116, 7312-7317.	1.5	108
129	Redispersion of Gold Multiple-Twinned Particles during Liquid-Phase Hydrogenation. ACS Catalysis, 2012, 2, 1394-1403.	5.5	29
130	The potential of electron beam radiation for simultaneous surface modification and bioresorption control of PLLA. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2223-2229.	2.1	14
131	The Dynamic Structure of Gold Supported on Ceria in the Liquid Phase Hydrogenation of Nitrobenzene. ChemCatChem, 2012, 4, 236-242.	1.8	20
132	Hydrogenation of Nitrobenzene Over Au/MeO_x Catalystsâ€"A Matter of the Support. ChemCatChem, 2012, 4, 59-63.	1.8	53
133	Spacims-Probing the Internal Behaviour of 3D Structured Materials. , 2012, , 3-25.		1
134	Evaluation of Pt and Re oxidation state in a pressurized reactor: difference in reduction between gas and liquid phase. Chemical Communications, 2011, 47, 6590.	2.2	27
135	Can Energetic Terahertz Pulses Initiate Surface Catalytic Reactions on the Picosecond Time Scale?. Chimia, 2011, 65, 323.	0.3	14
136	Catalytic hydrogenation of tertiary amides at low temperatures and pressures using bimetallic Pt/Re-based catalysts. Journal of Catalysis, 2011, 283, 89-97.	3.1	104
137	Visualization of water vapour flow in a packed bed adsorber by near-infrared diffused transmittance tomography. Chemical Engineering Science, 2011, 66, 6407-6423.	1.9	13
138	Activation of Alkanes by Goldâ€Modified Lanthanum Oxide. ChemCatChem, 2011, 3, 394-398.	1.8	17
139	Friedelâ€"Crafts Alkylation of Aromatics with Benzyl Alcohol over Goldâ€Modified Silica. ChemCatChem, 2011, 3, 119-121.	1.8	22
140	Influence of Methyl Halide Treatment on Gold Nanoparticles Supported on Activated Carbon. Angewandte Chemie - International Edition, 2011, 50, 8912-8916.	7.2	64
141	Catalytic nitrate removal from water, past, present and future perspectives. Applied Catalysis B: Environmental, 2011, 104, 1-5.	10.8	221
142	Olefin hydrogenation by ruthenium nanoparticles in ionic liquid media: Does size matter?. Journal of Catalysis, 2010, 275, 99-107.	3.1	60
143	Pretreatment Effect on Pt/CeO₂ Catalyst in the Selective Hydrodechlorination of Trichloroethylene. Journal of Physical Chemistry C, 2010, 114, 17675-17682.	1.5	36
144	SpaciMS: spatial and temporal operando resolution of reactions within catalytic monoliths. Analyst, The, 2010, 135, 2260.	1.7	60

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145	Photocatalytic nitrate reduction over metal modified TiO2. Applied Catalysis B: Environmental, 2009, 85, 192-200.	10.8	181
146	Increased Dispersion of Supported Gold during Methanol Carbonylation Conditions. Journal of the American Chemical Society, 2009, 131, 6973-6975.	6.6	75
147	Characterization of silica-supported dodecatungstic heteropolyacids as a function of their dehydroxylation temperature. Dalton Transactions, 2009, , 2235.	1.6	53
148	Remarkable stability of ionic gold supported on sulfated lanthanum oxide. Chemical Communications, 2009, , 4889.	2.2	21
149	FTIR study of aqueous nitrate reduction over Pd/TiO2. Applied Catalysis B: Environmental, 2008, 77, 409-417.	10.8	95
150	Photoformed electron transfer from TiO2 to metal clusters. Catalysis Communications, 2008, 9, 1991-1995.	1.6	56
151	Dark-degradation of reactive brilliant blue X-BR in aqueous solution using Î±-Fe2O3. Journal of Non-Crystalline Solids, 2008, 354, 5018-5021.	1.5	27
152	Bi modified Pd/SnO2 catalysts for water denitration. Applied Catalysis B: Environmental, 2007, 73, 98-105.	10.8	44
153	Imaging of low temperature induced SMSI on Pd/TiO2 catalysts. Catalysis Letters, 2007, 114, 91-95.	1.4	41
154	Factors Influencing Hydride Formation in a Pd/TiO2 Catalyst. Journal of Physical Chemistry B, 2006, 110, 17090-17095.	1.2	61
155	Effect of the reducing step on the properties of Pd-Cu bimetallic catalysts used for denitration. Applied Catalysis A: General, 2005, 294, 226-234.	2.2	50
156	Can TiO2 promote the reduction of nitrates in water?. Journal of Catalysis, 2005, 234, 282-291.	3.1	76
157	Catalytic hydrogenation of nitrates in water over a bimetallic catalyst. Applied Catalysis B: Environmental, 2005, 57, 247-256.	10.8	91
158	Water Denitration over a Pdâ€“Sn/Al2O3 Catalyst. Catalysis Letters, 2005, 105, 209-217.	1.4	49
159	Special issue on modelling organisational processes. Information and Software Technology, 2003, 45, 1011-1013.	3.0	0
160	Search for flavor-changing neutral currents and lepton-family-number violation in two-bodyD0decays. Physical Review D, 2000, 61, .	1.6	5
161	Use of a track and vertex processor in a fixed-target charm experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 376, 49-58.	0.7	1
162	Nuclear dependence ofJ/Ï^ production by 800 GeV/cprotons nearxF=0. Physical Review D, 1995, 52, 4251-4253.	1.6	18

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163	Measurement ofJ/Ï^ and Ï^â€™ production in 800 GeV/cproton-gold collisions. Physical Review D, 1995, 52, 1307-1315.	1.6	72
164	Measurement of the Bottom-Quark Production Cross Section in 800 GeV/cProton-Gold Collisions. Physical Review Letters, 1995, 74, 3118-3121.	2.9	51
165	Search for the decayD0â†'Î¼+Î¼â^'. Physical Review D, 1994, 50, R9-R12.	1.6	5
166	Production ofJ/Ï^ at largexFin 800 GeV/cp-copper andp-beryllium collisions. Physical Review Letters, 1994, 72, 1318-1321.	2.9	45
167	Nuclear dependence of neutral-D-meson production by 800 GeV/cprotons. Physical Review Letters, 1994, 72, 2542-2545.	2.9	86
168	Radiation damage effects on the silicon microstrip detector in E789 - A fixed target experiment at fermilab. Nuclear Physics, Section B, Proceedings Supplements, 1993, 32, 425-430.	0.5	3
169	Nuclear effects on heavy quark production results from Fermilab experiments E772 and E789. Nuclear Physics A, 1992, 544, 197-207.	0.6	16
170	A parallel pipelined dataflow trigger processor. IEEE Transactions on Nuclear Science, 1991, 38, 461-470.	1.2	2
171	Nearly complete level scheme ofSn116below 4.3 MeV. Physical Review C, 1991, 43, 521-555.	1.1	62
172	Nuclear dynamics ofOs192as probed in neutron scattering. Physical Review C, 1989, 40, 2509-2519.	1.1	8
173	A Parallel Pipelined Dataflow Trigger Processor. , 0, , .		2
174	Xâ€Ray Spectroscopy on Biological Systems. , 0, , .		1
175	Plasmonics photophysics basics and their photovoltaic application. , 0, , .		0