

Stefano Polizzi

List of Publications by Year in descending order

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130
papers

6,685
citations

38742

50
h-index

66911

78
g-index

131
all docs

131
docs citations

131
times ranked

9335
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic tuning of SERS hot spots in polymer-coated magnetic plasmonic iron-silver nanoparticles. <i>Nanoscale Advances</i> , 2019, 1, 2681-2689.	4.6	22
2	Mixed Fluorinated/Hydrogenated Self-Assembled Monolayer-Protected Gold Nanoparticles: In Silico and In Vitro Behavior. <i>Small</i> , 2019, 15, e1900323.	10.0	18
3	Hierarchical oxygen reduction reaction electrocatalysts based on FeSn _{0.5} species embedded in carbon nitride-graphene based supports. <i>Electrochimica Acta</i> , 2018, 280, 149-162.	5.2	22
4	(Co, Ni)Sn _{0.5} Nanoparticles Supported on Hierarchical Carbon Nitride-Graphene-Based Electrocatalysts for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2018, 5, 2029-2040.	3.4	6
5	Enhanced Electrocatalytic Oxygen Evolution in Au-Fe Nanoalloys. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6589-6593.	13.8	72
6	Enhanced Electrocatalytic Oxygen Evolution in Au-Fe Nanoalloys. <i>Angewandte Chemie</i> , 2017, 129, 6689-6693.	2.0	5
7	Shape-Controlled TiO ₂ Nanocrystals for Na-Ion Battery Electrodes: The Role of Different Exposed Crystal Facets on the Electrochemical Properties. <i>Nano Letters</i> , 2017, 17, 992-1000.	9.1	162
8	Luminescent Eu-doped GdVO ₄ nanocrystals as optical markers for anti-counterfeiting purposes. <i>Chemical Papers</i> , 2017, 71, 149-159.	2.2	8
9	Fluorinated and Charged Hydrogenated Alkanethiolates Grafted on Gold: Expanding the Diversity of Mixed-Monolayer Nanoparticles for Biological Applications. <i>Bioconjugate Chemistry</i> , 2017, 28, 43-52.	3.6	17
10	Fe-carbon nitride core-shell electrocatalysts for the oxygen reduction reaction. <i>Electrochimica Acta</i> , 2016, 222, 1778-1791.	5.2	60
11	New insights into the sensing mechanism of shape controlled ZnO particles. <i>RSC Advances</i> , 2016, 6, 52987-52997.	3.6	13
12	Routes to the preparation of mixed monolayers of fluorinated and hydrogenated alkanethiolates grafted on the surface of gold nanoparticles. <i>Faraday Discussions</i> , 2016, 191, 527-543.	3.2	19
13	Deposition of silica protected luminescent layers of Eu:GdVO ₄ nanoparticles assisted by atmospheric pressure plasma jet. <i>Thin Solid Films</i> , 2016, 598, 88-94.	1.8	4
14	A novel triphenylamine-based dye sensitizer supported on titania nanoparticles and the effect of titania fabrication on its optical properties. <i>Chemical Papers</i> , 2016, 70, .	2.2	2
15	Crystal Surfaces and Fate of Photogenerated Defects in Shape-Controlled Anatase Nanocrystals: Drawing Useful Relations to Improve the H ₂ Yield in Methanol Photosteam Reforming. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12385-12393.	3.1	50
16	Interplay between Composition, Structure, and Properties of New H ₃ PO ₄ -Doped PBI ₄ -HfO ₂ Nanocomposite Membranes for High-Temperature Proton Exchange Membrane Fuel Cells. <i>Macromolecules</i> , 2015, 48, 15-27.	4.8	56
17	Laser generation of iron-doped silver nanotruffles with magnetic and plasmonic properties. <i>Nano Research</i> , 2015, 8, 4007-4023.	10.4	61
18	Small Angle X-Ray Scattering (SAXS) with Synchrotron Radiation Sources. , 2015, , 337-359.		5

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19	Interplay between Nitrogen Concentration, Structure, Morphology, and Electrochemical Performance of PdCoNi “Core”-Shell Carbon Nitride Electrocatalysts for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2014, 1, 1359-1369.	3.4	86
20	Interplay between morphology and electrochemical performance of “core”-shell electrocatalysts for oxygen reduction reaction based on a Pt _{Nix} carbon nitride “shell” and a pyrolyzed polyketone nanoball “core”. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 2828-2841.	7.1	56
21	Synthesis, studies and fuel cell performance of “core”-shell electrocatalysts for oxygen reduction reaction based on a Pt _{Nix} carbon nitride “shell” and a pyrolyzed polyketone nanoball “core”. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 2812-2827.	7.1	71
22	Single crystal and nanocrystalline Pr ³⁺ doped LuPO ₄ : Synthesis, structural characterization, photo- and cathodoluminescence. <i>Materials Research Bulletin</i> , 2014, 51, 24-27.	5.2	10
23	Concentration quenching and photostability in Eu(dbm) ₃ phen embedded in mesoporous silica nanoparticles. <i>Journal of Luminescence</i> , 2014, 146, 178-185.	3.1	30
24	Surface interaction of WO ₃ nanocrystals with NH ₃ . Role of the exposed crystal surfaces and porous structure in enhancing the electrical response. <i>RSC Advances</i> , 2014, 4, 11012.	3.6	29
25	Strong dependence of surface plasmon resonance and surface enhanced Raman scattering on the composition of Au-Fe nanoalloys. <i>Nanoscale</i> , 2014, 6, 1423-1433.	5.6	98
26	New nanocomposite proton conducting membranes based on a core-shell nanofiller for low relative humidity fuel cells. <i>RSC Advances</i> , 2013, 3, 18960.	3.6	17
27	Investigation on the effect of Tb(dbm) ₃ phen on the luminescent properties of Eu(dbm) ₃ phen-containing mesoporous silica nanoparticles. <i>Materials Chemistry and Physics</i> , 2013, 142, 445-452.	4.0	18
28	Natural rubber/cis-1,4-polybutadiene nanocomposites: Vulcanization behavior, mechanical properties, and thermal stability. <i>Polymer Engineering and Science</i> , 2013, 53, 671-678.	3.1	6
29	Water (H ₂ O and D ₂ O) Dispersible NIR-to-NIR Upconverting Yb ³⁺ /Tm ³⁺ Doped MF ₂ (M = Ca, Sr) Colloids: Influence of the Host Crystal. <i>Crystal Growth and Design</i> , 2013, 13, 4906-4913.	3.0	93
30	Coexistence of plasmonic and magnetic properties in Au ₈₉ Fe ₁₁ nanoalloys. <i>Nanoscale</i> , 2013, 5, 5611.	5.6	92
31	Layered Na _{0.71} CoO ₂ : a powerful candidate for viable and high performance Na-batteries. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5945.	2.8	116
32	Evaluation of rare earth doped silica sub-micrometric spheres as optically controlled temperature sensors. <i>Journal of Applied Physics</i> , 2012, 112, 054702.	2.5	23
33	Synthesis-Structure-Morphology Interplay of Bimetallic “Core”-Shell Carbon Nitride Nano-electrocatalysts. <i>ChemSusChem</i> , 2012, 5, 2451-2459.	6.8	80
34	Multisite luminescence of rare earth doped TiO ₂ anatase nanoparticles. <i>Materials Chemistry and Physics</i> , 2012, 135, 1064-1069.	4.0	117
35	PEG-capped, lanthanide doped GdF ₃ nanoparticles: luminescent and T ₂ contrast agents for optical and MRI multimodal imaging. <i>Nanoscale</i> , 2012, 4, 7682.	5.6	72
36	Inorganic-organic membranes based on Nafion, [(ZrO ₂)·(HfO ₂) _{0.25}] and [(SiO ₂)·(HfO ₂) _{0.28}]. Part I: Synthesis, thermal stability and performance in a single PEMFC. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 6199-6214.	7.1	50

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37	Preparation, characterization and single-cell performance of a new class of Pd-carbon nitride electrocatalysts for oxygen reduction reaction in PEMFCs. Applied Catalysis B: Environmental, 2012, 111-112, 185-199.	20.2	56
38	Upconverting Ho ³⁺ /Yb doped titanate nanotubes. Materials Letters, 2012, 80, 81-83.	2.6	15
39	Laser Ablation Synthesis of Silver Nanoparticles Embedded in Graphitic Carbon Matrix. Science of Advanced Materials, 2012, 4, 497-500.	0.7	15
40	Macroporous WO ₃ Thin Films Active in NH ₃ Sensing: Role of the Hosted Cr Isolated Centers and Pt Nanoclusters. Journal of the American Chemical Society, 2011, 133, 5296-5304.	13.7	197
41	New Sulfonated Poly(<i>p</i> -phenylenesulfone)/Poly(1-oxotrimethylene) Nanocomposite Proton-Conducting Membranes for PEMFCs. Chemistry of Materials, 2011, 23, 4452-4458.	6.7	12
42	Photogenerated Defects in Shape-Controlled TiO ₂ Anatase Nanocrystals: A Probe To Evaluate the Role of Crystal Facets in Photocatalytic Processes. Journal of the American Chemical Society, 2011, 133, 17652-17661.	13.7	319
43	Top-down synthesis of multifunctional iron oxide nanoparticles for macrophage labelling and manipulation. Journal of Materials Chemistry, 2011, 21, 3803.	6.7	82
44	Lanthanide doped upconverting colloidal CaF ₂ nanoparticles prepared by a single-step hydrothermal method: toward efficient materials with near infrared-to-near infrared upconversion emission. Nanoscale, 2011, 3, 1456.	5.6	76
45	SERS labels for quantitative assays: application to the quantification of gold nanoparticles uptaken by macrophage cells. Analytical Methods, 2011, 3, 849.	2.7	27
46	Magnetic iron oxide nanoparticles with tunable size and free surface obtained via a "green" approach based on laser irradiation in water. Journal of Materials Chemistry, 2011, 21, 18665.	6.7	55
47	Photoluminescence studies on europium-based scorpionate-complex. Inorganic Chemistry Communication, 2011, 14, 1762-1766.	3.9	29
48	Sol-gel derived mesoporous Pt and Cr-doped WO ₃ thin films: the role played by mesoporosity and metal doping in enhancing the gas sensing properties. Journal of Sol-Gel Science and Technology, 2011, 60, 378-387.	2.4	11
49	TiO ₂ nanocrystals grafted on macroporous silica: A novel hybrid organic-inorganic sol-gel approach for the synthesis of highly photoactive composite material. Applied Catalysis B: Environmental, 2011, 104, 282-290.	20.2	30
50	NIR-to-visible and NIR-to-NIR upconversion in lanthanide doped nanocrystalline GdOF with trigonal structure. Optical Materials, 2011, 33, 1500-1505.	3.6	36
51	Synthesis, characterization and optical spectroscopy of Eu ³⁺ doped titanate nanotubes. Journal of Luminescence, 2011, 131, 2473-2477.	3.1	19
52	One-Step Preparation of SnO ₂ and Pt-Doped SnO ₂ As Inverse Opal Thin Films for Gas Sensing. Chemistry of Materials, 2010, 22, 4083-4089.	6.7	96
53	Active and Stable Embedded Au@CeO ₂ Catalysts for Preferential Oxidation of CO. Chemistry of Materials, 2010, 22, 4335-4345.	6.7	87
54	Membrane-Assisted Charge Separation and Photocatalytic Activity in Embedded TiO ₂ : A Kinetic and Mechanistic Study. Journal of Physical Chemistry C, 2010, 114, 15755-15762.	3.1	17

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55	Formation of Patches on 3D SAMs Driven by Thiols with Immiscible Chains Observed by ESR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3060-3064.	13.8	61
56	Self-Healing of Gold Nanoparticles in the Presence of Zinc Phthalocyanines and Their Very Efficient Nonlinear Absorption Performances. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8688-8695.	3.1	46
57	New inorganic-organic proton conducting membranes based on Nafion® and [(ZrO ₂)·(SiO ₂) _{0.67}] nanoparticles: Synthesis vibrational studies and conductivity. <i>Journal of Power Sources</i> , 2008, 178, 561-574.	7.8	55
58	Expeditious Synthesis of Water-Soluble, Monolayer-Protected Gold Nanoparticles of Controlled Size and Monolayer Composition. <i>Langmuir</i> , 2008, 24, 4120-4124.	3.5	68
59	Sol-Gel Pure and Mixed-Phase Titanium Dioxide for Photocatalytic Purposes: Relations between Phase Composition, Catalytic Activity, and Charge-Trapped Sites. <i>Chemistry of Materials</i> , 2008, 20, 4051-4061.	6.7	92
60	Phosphate Diester and DNA Hydrolysis by a Multivalent, Nanoparticle-Based Catalyst. <i>Journal of the American Chemical Society</i> , 2008, 130, 15744-15745.	13.7	147
61	Synthesis, structural investigation and luminescence spectroscopy of nanocrystalline Gd ₃ Ga ₅ O ₁₂ doped with lanthanide ions. <i>Journal of Alloys and Compounds</i> , 2008, 451, 553-556.	5.5	27
62	Towards a Better Understanding of Gold Electroless Deposition in Track-Etched Templates. <i>Chemistry of Materials</i> , 2007, 19, 5955-5964.	6.7	83
63	Structural and luminescence investigation on gadolinium gallium garnet nanocrystalline powders prepared by solution combustion synthesis. <i>Nanotechnology</i> , 2007, 18, 325604.	2.6	44
64	Monolayer Protected Gold Nanoparticles on Ceria for an Efficient CO Oxidation Catalyst. <i>Chemistry of Materials</i> , 2007, 19, 650-651.	6.7	56
65	Optimizing the Photocatalytic Properties of Hydrothermal TiO ₂ by the Control of Phase Composition and Particle Morphology. A Systematic Approach. <i>Journal of the American Chemical Society</i> , 2007, 129, 3564-3575.	13.7	416
66	Free Silver Nanoparticles Synthesized by Laser Ablation in Organic Solvents and Their Easy Functionalization. <i>Langmuir</i> , 2007, 23, 6766-6770.	3.5	153
67	Catalytic purification of hydrogen streams by PROX on Cu supported on an organized mesoporous ceria-modified alumina. <i>Applied Catalysis B: Environmental</i> , 2007, 72, 149-156.	20.2	88
68	Selective catalytic low pressure hydrogenation of acetophenone on Pd/ZnO/ZnAl ₂ O ₄ . <i>Catalysis Letters</i> , 2007, 114, 79-84.	2.6	36
69	Structural characterization and luminescence properties of nanostructured lanthanide-doped Sc ₂ O ₃ prepared by propellant synthesis. <i>Nanotechnology</i> , 2006, 17, 2805-2812.	2.6	28
70	Laser Ablation Synthesis of Gold Nanoparticles in Organic Solvents. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7232-7237.	2.6	169
71	Inverted opal luminescent Ce-doped silica glasses. <i>International Journal of Photoenergy</i> , 2006, 2006, 1-5.	2.5	1
72	Composite films of poly-(ester-sulphonated) and poly-(3-methylthiophene) for ion-exchange voltammetry in acetonitrile solutions. <i>Electrochimica Acta</i> , 2006, 51, 2153-2160.	5.2	6

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73	Toward the preparation of a nanocomposite material through surface initiated controlled/living radical polymerization of styrene inside the channels of MCM-41 silica. <i>Journal of Materials Science</i> , 2006, 41, 6305-6312.	3.7	43
74	Ga ₂ O ₃ -promoted sulfated zirconia systems: Morphological, structural and redox properties. <i>Microporous and Mesoporous Materials</i> , 2005, 81, 19-29.	4.4	35
75	Synthesis and characterization of CdS nanoparticles embedded in a polymethylmethacrylate matrix. <i>Journal of Colloid and Interface Science</i> , 2005, 284, 495-500.	9.4	34
76	Characterization of Nanoporous Lanthanide-Doped Gadolinium Gallium Garnet Powders Obtained by Propellant Synthesis. <i>Materials Science Forum</i> , 2005, 494, 143-148.	0.3	14
77	Preparation of Gold Nanoparticles on Silica Substrate by Radio Frequency Sputtering. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 259-265.	0.9	16
78	Structural Investigation and Anti-Stokes Emission of Scandium Oxide Nanocrystals Activated with Trivalent Erbium. <i>Journal of the Electrochemical Society</i> , 2005, 152, H19.	2.9	12
79	Carboxylate~Imidazole Cooperativity in Dipeptide-Functionalized Gold Nanoparticles with Esterase-like Activity. <i>Journal of the American Chemical Society</i> , 2005, 127, 1616-1617.	13.7	139
80	Synthesis of Gold Nanoparticles by Laser Ablation in Toluene: Quenching and Recovery of the Surface Plasmon Absorption. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23125-23128.	2.6	122
81	Stability of Luminescent Trivalent Cerium in Silica Host Glasses Modified by Boron and Phosphorus. <i>Journal of the American Chemical Society</i> , 2005, 127, 14681-14691.	13.7	75
82	Ruthenium(Platinum)-Doped Tin Dioxide Inverted Opals for Gas Sensors: Synthesis, Electron Paramagnetic Resonance, Mössbauer, and Electrical Investigation. <i>Chemistry of Materials</i> , 2005, 17, 6167-6171.	6.7	32
83	Effect of Core Size on the Partition of Organic Solutes in the Monolayer of Water-Soluble Nanoparticles: An ESR Investigation. <i>Journal of the American Chemical Society</i> , 2005, 127, 16384-16385.	13.7	81
84	Characterization of Nanoporous Lanthanide-Doped YAG Powders Obtained by Propellant Synthesis. <i>Materials Science Forum</i> , 2004, 453-454, 251-256.	0.3	10
85	X-ray Diffraction Methodology for the Microstructural Analysis of Nanocrystalline Powders: Application to Cerium Oxide. <i>Journal of the American Ceramic Society</i> , 2004, 87, 1133-1140.	3.8	77
86	Au/TiO ₂ Nanosystems: A Combined RF-Sputtering/Sol-Gel Approach. <i>Chemistry of Materials</i> , 2004, 16, 3331-3338.	6.7	71
87	Innovative Approaches to Oxide Nanosystems: CeO ₂ -ZrO ₂ Nanocomposites by a Combined PE-CVD/Sol-Gel Route. <i>Chemical Vapor Deposition</i> , 2004, 10, 257-264.	1.3	23
88	Nanostructured Lanthanide-Doped Lu ₂ O ₃ Obtained by Propellant Synthesis. <i>Chemistry of Materials</i> , 2004, 16, 1330-1335.	6.7	47
89	Structure and Size of Poly-Domain Pd Nanoparticles Supported on Silica. <i>Catalysis Letters</i> , 2003, 88, 141-146.	2.6	26
90	Nucleation and Growth of Nanophasic CeO ₂ Thin Films by Plasma-Enhanced CVD. <i>Chemical Vapor Deposition</i> , 2003, 9, 199-206.	1.3	75

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91	Synthesis, characterization and properties of water-soluble gold nanoparticles with tunable core size. <i>Journal of Materials Chemistry</i> , 2003, 13, 2471-2478.	6.7	77
92	Synthesis, characterisation and optical properties of nanocrystalline Y ₂ O ₃ •Eu ³⁺ dispersed in a silica matrix by a deposition•precipitation method. <i>Journal of Materials Chemistry</i> , 2003, 13, 3079-3084.	6.7	45
93	Nanosized Sodium-Doped Lanthanum Manganites:• Role of the Synthetic Route on Their Physical Properties. <i>Chemistry of Materials</i> , 2003, 15, 5036-5043.	6.7	39
94	Initial growth stages of CeO ₂ nanosystems by Plasma-Enhanced Chemical Vapor Deposition. <i>Materials Research Society Symposia Proceedings</i> , 2002, 756, 1.	0.1	1
95	Investigation on lanthanide-doped Y ₂ O ₃ nanopowders obtained by wet chemical synthesis. <i>Journal of Materials Chemistry</i> , 2002, 12, 742-747.	6.7	48
96	Molten chloride synthesis, structural characterisation and luminescence spectroscopy of ultrafine Eu ³⁺ -doped BaTiO ₃ and SrTiO ₃ . <i>Materials Letters</i> , 2002, 57, 183-187.	2.6	58
97	Quantitative investigations of supported metal catalysts by ASAXS. <i>Journal of Synchrotron Radiation</i> , 2002, 9, 65-70.	2.4	22
98	Nucleation and crystallization behavior of glass-ceramic materials in the Li ₂ O•Al ₂ O ₃ •SiO ₂ system of interest for their transparency properties. <i>Journal of Non-Crystalline Solids</i> , 2001, 288, 127-139.	3.1	106
99	Nanostructure of Pd/SiO ₂ supported catalysts. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4614-4619.	2.8	21
100	Small angle scattering of Ag•1 wt.% Mg alloys internally oxidized at high temperatures: a model of interacting spherical clusters. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3213-3216.	2.8	3
101	Fractal aggregates of lanthanide-doped Y ₂ O ₃ nanoparticles obtained by propellant synthesis. <i>Journal of Materials Research</i> , 2001, 16, 146-154.	2.6	31
102	Yttria-based nano-sized powders: A new class of fractal materials obtained by combustion synthesis. <i>Journal of Materials Research</i> , 2000, 15, 586-589.	2.6	43
103	ASAXS study of Au, Pd and Pd•Au catalysts supported on active carbon. <i>Catalysis Today</i> , 1999, 49, 485-489.	4.4	35
104	Morphology, Microstructure, and Electrocatalytic Properties of RuO ₂ •SnO ₂ Thin Films. <i>Journal of the Electrochemical Society</i> , 1999, 146, 220-225.	2.9	65
105	The microstructure of borosilicate glasses containing elongated and oriented phase-separated crystalline particles. <i>Journal of Non-Crystalline Solids</i> , 1998, 232-234, 147-154.	3.1	7
106	ASAXS Investigation of a Au/C Catalyst. <i>Journal of Catalysis</i> , 1997, 171, 345-348.	6.2	23
107	Pd-SiO ₂ catalysts. stability of Î ² -PdHx as a function of Pd dispersion. <i>Reaction Kinetics and Catalysis Letters</i> , 1997, 60, 9-13.	0.6	36
108	Two-Dimensional Small-Angle X-ray Scattering Investigation of Stretched Borosilicate Glasses. <i>Journal of Applied Crystallography</i> , 1997, 30, 487-494.	4.5	6

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109	Two-dimensional small-angle X-ray scattering investigation of stretched borosilicate glasses. Erratum. <i>Journal of Applied Crystallography</i> , 1997, 30, 1159-1159.	4.5	0
110	Redrawn Phase-Separated Borosilicate Glasses: A TEM Investigation. <i>Microscopy Microanalysis Microstructures</i> , 1997, 8, 157-165.	0.4	5
111	Influence of treatment with sulfuric acid on the angularity of a zirconia system. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 451.	1.7	1
112	Structural investigation on the stoichiometry of \hat{I}^2 -PdH _x in Pd/SiO ₂ catalysts as a function of metal dispersion. <i>Catalysis Letters</i> , 1995, 32, 293-303.	2.6	83
113	Short-range structure of zirconia xerogel and aerogel, determined by wide angle X-ray scattering. <i>Journal of Non-Crystalline Solids</i> , 1993, 155, 259-266.	3.1	11
114	XRD investigation of the crystallization process in Fe ₄₀ Ni ₄₀ B ₂₀ metallic glass. <i>Journal of Non-Crystalline Solids</i> , 1992, 151, 59-65.	3.1	3
115	X-Ray diffraction characterization of iridium dioxide electrocatalysts. <i>Journal of Materials Chemistry</i> , 1991, 1, 511.	6.7	21
116	Crystallinity of polymers by x-ray diffraction: a new fitting approach. <i>European Polymer Journal</i> , 1991, 27, 85-87.	5.4	17
117	Polydisperse analysis of absolute small-angle intensities scattered by activated carbons. <i>Journal of Applied Physics</i> , 1991, 69, 6355-6359.	2.5	1
118	A fitting method for the determination of crystallinity by means of X-ray diffraction. <i>Journal of Applied Crystallography</i> , 1990, 23, 359-365.	4.5	28
119	Small-angle X-ray scattering investigations of styrene-butadiene-styrene block copolymers during stretching. <i>Polymer</i> , 1990, 31, 638-645.	3.8	23
120	Phase characterization of ion-beam-mixed and thermally reacted Fe/Pd thin film bilayers. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1990, 5, 437-444.	3.5	1
121	Polydisperse analysis of small-angle intensities scattered by natural coals. <i>Journal of Applied Physics</i> , 1990, 68, 51-61.	2.5	4
122	SAXS investigation on the influence of oil dilution on morphological changes in a SBS block copolymer during the first draw cycle. <i>Colloid and Polymer Science</i> , 1989, 267, 687-701.	2.1	6
123	Morphological changes in SBS block copolymers caused by oil extension as determined by absolute small angle x-ray scattering. <i>Colloid and Polymer Science</i> , 1989, 267, 281-291.	2.1	18
124	A profile-fitting procedure for analysis of broadened X-ray diffraction peaks. I. Methodology. <i>Journal of Applied Crystallography</i> , 1988, 21, 536-542.	4.5	275
125	Structure and properties of oil extended styrene butadiene block copolymers. <i>Polymer Composites</i> , 1988, 9, 434-442.	4.6	8
126	Polydisperse Distributions of Composite Particles and the SAXS Behaviour of Low-Rank Coals. <i>Europhysics Letters</i> , 1987, 4, 1279-1284.	2.0	3

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127	Microstructural studies of Pt/C catalysts for hydrogenation of nitric oxide in sulfuric acid. Journal of Catalysis, 1987, 106, 483-493.	6.2	14
128	Hydroxylamine production via hydrogenation of nitric oxide in aqueous sulfuric acid catalyzed by carbon-supported platinum. Journal of Catalysis, 1987, 106, 494-499.	6.2	17
129	Applications of fitting techniques to the Warren-Averbach method for X-ray line broadening analysis. Zeitschrift für Kristallographie, 1985, 170, 275-287.	1.1	117
130	Novel p-type gas sensing thin film based on Nb-Ti-O mixed oxides. , 0, , .		0