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List of Publications by Year in descending order

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324	3,059	331259	433756
papers	citations	21 h-index	31 g-index

336	336	336	1386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calcium Hydroxide Effect in Degradation of Aqueous Naphthalene: Nucleophilic Substitution of Hydrogen at the C(sp²)â€“H Bond. Polycyclic Aromatic Compounds, 2021, 41, 841-850.	1.4	5
2	Porous micro/nano structured oxidic titanium surface decorated with silicon monoxide. Surfaces and Interfaces, 2021, 26, 101304.	1.5	6
3	Micro/nano-structured titanium surfaces modified by NaOHâ€“CaCl2-heat-water treatment: Biomimetic calcium phosphate deposition and hMSCs behavior. Materials Chemistry and Physics, 2021, 272, 124896.	2.0	3
4	Nano and micro-forms of calcium titanate: Synthesis, properties and application. Open Ceramics, 2021, 8, 100177.	1.0	8
5	Novel perspectives of laser ablation in liquids: the formation of a high-pressure orthorhombic FeS phase and absorption of FeS-derived colloids on a porous surface for solar-light photocatalytic wastewater cleaning. Dalton Transactions, 2020, 49, 13262-13275.	1.6	13
6	Recent advances and future perspectives of solâ€“gel derived porous bioactive glasses: a review. RSC Advances, 2020, 10, 33782-33835.	1.7	108
7	Corrosion behavior of titanium silicide surface with hydrogen peroxide: Formation of sub-Î¼m TiOx-based spheres, nanocomposite TiOx/SiOx phases, and mesoporous TiOx/SiOx network. Applied Surface Science, 2020, 529, 147133.	3.1	3
8	Thermal reactions in mixtures of micron-sized silicon monoxide and titanium monoxide: redox paths overcoming passivation shells. Research on Chemical Intermediates, 2018, 44, 503-516.	1.3	5
9	CW-Laser-Induced Solid-State Reactions in Mixed Micron-Sized Particles of Silicon Monoxide and Titanium Monoxide: Nano-Structured Composite with Visible Light Absorption. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1640-1648.	1.9	3
10	Infrared laser radiation-produced TiO-doped Si/SiOx/SiO2 nanocompositeâ€”Entry to TiO-containing materials. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 332, 376-383.	2.0	7
11	Redox Paths in Heated TiOâ€“Fe2O3 and TiOâ€“Fe3O4 Mixturesâ€”Implication of TiO as a Novel Reducing Compound. Journal of Advanced Microscopy Research, 2017, 12, 104-109.	0.3	3
12	Formation of TiO/Al2O3/C composite in thermal co-decomposition of aluminium(III) acetylacetonate and titanium(IV) oxyacetylacetonate. Journal of Analytical and Applied Pyrolysis, 2016, 117, 182-190.	2.6	3
13	IR and near IR laser ablative deposition of amorphous titanium coats containing nanocrystalline grains of titanium and titanium suboxides. Infrared Physics and Technology, 2014, 67, 237-244.	1.3	1
14	Reactive deposition of laser ablated FeS1â^'xparticles on a copper surface. RSC Advances, 2014, 4, 11543-11551.	1.7	10
15	Oxidation and carbidation of laser-ablated amorphized Ti particles in carbon monoxide. Solid State Sciences, 2013, 19, 104-110.	1.5	5
16	Thermal co-decomposition of silver acetylacetonate and tin(II) hexafluoroacetylacetonate: Formation of carbonaceous Ag/AgxSn(x=4 and 6.7)/SnO2 composites. Thermochimica Acta, 2013, 566, 92-99.	1.2	4
17	Laser hydrothermal reductive ablation of titanium monoxide: Hydrated TiO particles with modified Ti/O surface. Journal of Solid State Chemistry, 2013, 197, 337-344.	1.4	18
18	Enhancement of thermal stability of silver(I) acetylacetonate by platinum(II) acetylacetonate. Thermochimica Acta, 2013, 554, 1-7.	1.2	9

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19	IR laser photodeposition of a-Fe/Si films developing nanograins of ferrisilicate, iron disilicide and rare hexagonal iron upon annealing. Dalton Transactions, 2012, 41, 1727-1733.	1.6	5
20	Laser photochemical deposition of magnetite nanograins in a-Fe/C/O composite: High-pressure metal oxide polymorph surviving ambient conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 243, 33-40.	2.0	2
21	Room-temperature sulfidation of copper nanoparticles with sulfur yielding covellite nanoparticles. Comptes Rendus Chimie, 2012, 15, 511-516.	0.2	10
22	Laser-induced ablative amorphization of montmorillonite. Journal of Non-Crystalline Solids, 2012, 358, 3382-3387.	1.5	3
23	IR laserâ€induced breakdown in tetramethyltin adjacent to Ag or Au: deposition of Î²â€Sn nanograinâ€containing amorphous Auâ€“Sn/C and Agâ€“Sn/C films. Applied Organometallic Chemistry, 2012, 26, 135-139.	1.7	4
24	IR laser-induced decomposition in thiirane for gas-phase deposition of conjugated organosulfur polymer incorporating cycloheptasulfur. Journal of Analytical and Applied Pyrolysis, 2012, 93, 165-169.	2.6	1
25	IR Laser-Irradiation of Metals in Vacuum and Hydrocarbons: Gas Phase Deposition of Metal-Carbon Nanocomposites. Journal of Advanced Microscopy Research, 2012, 7, 14-20.	0.3	2
26	Laser Ablative Deposition of Polymer Films: A Promise for Sensor Fabrication. NATO Science for Peace and Security Series B: Physics and Biophysics, 2011, , 35-41.	0.2	0
27	IR laser deposition: Co2Sm5 nanocrystals in amorphous Smâ€“Co phase and amorphous Smâ€“Co nanobodies in carbonaceous phase. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 223, 132-139.	2.0	4
28	Infrared laser-produced carbon-phase shield to oxidation of nanosized titanium monoxide. Journal of Analytical and Applied Pyrolysis, 2011, 92, 287-291.	2.6	12
29	Laser photodeposition of sulfur and room-temperature solid-state reaction with copper. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 219, 109-114.	2.0	5
30	UV laser photodeposition of nanomagnetic soot from gaseous benzene and acetonitrileâ€“benzene mixture. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 220, 188-194.	2.0	5
31	ArF laser photolytic deposition and thermal modification of an ultrafine chlorohydrocarbon. Chemical Papers, 2010, 64, .	1.0	0
32	Laser induced breakdown spectroscopy of germane plasma induced byÂIRÂCO2 pulsed laser. Applied Physics A: Materials Science and Processing, 2010, 99, 811-821.	1.1	5
33	Laserâ€induced dielectric breakdown in tetramethylgermane/tetramethyltin mixtures: deposition of nanostructured Sn/Ge/C and Geï¿Sn/C films. Applied Organometallic Chemistry, 2010, 24, 458-463.	1.7	2
34	IR laser CVD of nanostructured Si/Ge alloy from silaneâ€“germane mixture. Journal of Analytical and Applied Pyrolysis, 2010, 89, 137-141.	2.6	2
35	IR laser-induced formation of amorphous Coâ€“C films with crystalline Co, Co2C and Co3C nanograins in a graphitic shell. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 210, 153-161.	2.0	17
36	IR laser-induced ablation of Ag in dielectric breakdown of gaseous hydrocarbons: Simultaneous occurrence of metastable hcp and stable fcc Ag nanostructures in C:H shell. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 213, 114-122.	2.0	12

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37	Laser ablation of Ga in dielectric breakdown of gaseous hydrocarbons: deposition of ambient-pressure unstable Ga nanophases in carbonaceous environment. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 215, 164-171.	2.0	9
38	IR laser-induced metal ablation and dielectric breakdown in benzene. Infrared Physics and Technology, 2010, 53, 23-28.	1.3	13
39	Megawatt Ultraviolet Laser Photolysis of Dichloroethenes for Gas-Phase Deposition of Nanosized Chlorinated Soot. Journal of Physical Chemistry C, 2010, 114, 16153-16159.	1.5	2
40	Laser CVD of Nanodisperse Ge-Sn Alloys Obtained by Dielectric Breakdown of SnH4/GeH4Mixtures. European Journal of Inorganic Chemistry, 2009, 2009, 1464-1467.	1.0	15
41	IR laser ablative degradation of poly(phenylene ether-sulfone): Deposition of films containing ether, sulfone, sulfoxide and sulfide groups. Polymer Degradation and Stability, 2009, 94, 196-200.	2.7	16
42	IR laser-induced CVD of Î²-Sn/SnSi-nanodisperse alloys from stannaneâ€“silane mixture. Journal of Analytical and Applied Pyrolysis, 2009, 86, 381-385.	2.6	10
43	Laser Photolysis and Thermolysis of Organic Selenides and Tellurides for Chemical Gas-phase Deposition of Nanostructured Materials. Molecules, 2009, 14, 1111-1125.	1.7	6
44	IR laser-induced co-decomposition of gaseous trisilane and carbon disulfide. Journal of Analytical and Applied Pyrolysis, 2008, 81, 231-236.	2.6	2
45	IR laser-induced carbothermal reduction of silicon monoxide. Journal of Analytical and Applied Pyrolysis, 2008, 83, 180-184.	2.6	4
46	IR Laserâ€Induced Carbothermal Reduction of Silica. European Journal of Inorganic Chemistry, 2008, 2008, 4111-4116.	1.0	3
47	IR laser-induced co-decomposition of trisilane and thiirane for deposition of polycarbosilthiane films. Journal of Analytical and Applied Pyrolysis, 2008, 81, 225-230.	2.6	1
48	Laser irradiation of oligosiloxane copolymer thin films functionalized with side chain bulky carbosilane moieties. Polymer, 2008, 49, 857-866.	1.8	6
49	UV laser photolysis of 1,3-butadiyne and formation of a polyoxocarbosilane-doped nanosized carbon. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 194, 200-205.	2.0	2
50	UV laser photolytic solution deposition of a-Fe/polyoxocarbosilane/carbon nanocomposite and evolution to Î±-Fe2O3/polyoxocarbosilane/carbon nanocomposite. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 199, 156-164.	2.0	6
51	Room-temperature reaction of laser-photolytically generated Te nanosols with silver. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 187-191.	2.0	3
52	Highly sensitive TGA diagnosis of thermal behaviour of laser-deposited materials. Thermochimica Acta, 2008, 473, 54-60.	1.2	7
53	Laser photo-oxidative degradation of 4,6-dimethyldibenzothiophene. Chemosphere, 2008, 71, 1765-1768.	4.2	5
54	Laser Photochemical Etching of Silica: Nanodomains of Crystalline Chaoite and Silica in Amorphous C/Si/O/N Phase. Journal of Physical Chemistry C, 2008, 112, 13281-13286.	1.5	9

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55	<title>Structural and magnetic properties of nanosized iron-polyoxocarbosilane core-shell composites prepared by laser pyrolysis</title>. , 2007, , .		0
56	Laser-Induced Conversion of Silica into Nanosized Carbonâ"Polyoxocarbosilane Composites. Journal of Physical Chemistry C, 2007, 111, 16818-16826.	1.5	13
57	UV Laser Deposition of SiS/Poly(thiacarbosilane) Composites and their Conversion to SiO/Poly(thiacarbosiloxane) Composites. Macromolecular Chemistry and Physics, 2007, 208, 1782-1788.	1.1	0
58	Laser-induced chemical liquid deposition of discontinuous and continuous copper films. Surface and Coatings Technology, 2007, 201, 4728-4733.	2.2	19
59	IR laser ablative and conventional decomposition of poly(vinyl phenyl ketone): Different processes and different products. Polymer Degradation and Stability, 2007, 92, 352-358.	2.7	2
60	Gas-phase formation of SiSe in IR laser-co-decomposition of dimethyl selenide and 1,3-disilacyclobutane. Journal of Organometallic Chemistry, 2007, 692, 3841-3845.	0.8	5
61	IR laser-induced co-decomposition of dimethyl selenide and trisilane: Gas-phase formation of SiSe and chemical vapor deposition of nanostructured H/Si/Se/C polymers. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 188, 399-408.	2.0	8
62	Laser co-photolytic approach to copper(I) bromide/polymer nanosol and nanocomposite. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 190, 29-33.	2.0	2
63	Laser photolytic approach to Cu/polymer sols and Cu/polymer nanocomposites with amorphous Cu phase. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 192, 84-92.	2.0	5
64	Structural and sensing properties of a novel Fe/Fe2O3/polyoxocarbosilane core shell nanocomposite powder prepared by laser pyrolysis. Journal of Materials Science, 2007, 42, 1838-1846.	1.7	12
65	IR laser ablation of poly(vinyl chloride): Formation of monomer and deposition of nanofibres of chlorinated polyhydrocarbon. Polymer Degradation and Stability, 2006, 91, 213-220.	2.7	33
66	IR laser ablative decomposition of poly(vinyl acetate) loaded with Fe and Cu particles. Polymer Degradation and Stability, 2006, 91, 2241-2248.	2.7	7
67	IR laser ablative degradation of poly(ethylene terephthalate): Formation of insoluble films with differently bonded CO groups. Polymer Degradation and Stability, 2006, 91, 2318-2323.	2.7	16
68	IR laser ablative decomposition and depolymerisation/repolymerisation of poly(ethylene succinate). Polymer Degradation and Stability, 2006, 91, 3383-3389.	2.7	6
69	IR laser-induced decomposition of poly(vinyl chloride-co-vinyl acetate): Control of products by irradiation conditions. Polymer Degradation and Stability, 2006, 91, 2560-2566.	2.7	6
70	IR laser ablative modification of poly(ethylene-co-acrylic acid) zinc salt. Polymer Degradation and Stability, 2006, 91, 2834-2839.	2.7	2
71	Photochemical synthesis of ultrafine organosilicon particles from trimethyl(2-propynyloxy)silane and carbon disulfide. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 179, 142-148.	2.0	9
72	UV laser co-photolytic gas-phase formation and deposition of nano-sized germanium sulfides. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 182, 107-111.	2.0	8

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73	IR laser co-pyrolysis of (CH3)2Te and (CH3)4Sn: Gas-phase formation and deposition of nanostructured SnTe. Journal of Analytical and Applied Pyrolysis, 2006, 75, 65-68.	2.6	14
74	IR laser-induced process for chemical vapor deposition of polyselenocarbosilane films. Journal of Analytical and Applied Pyrolysis, 2006, 76, 178-185.	2.6	5
75	Thermal degradation of poly(vinyl chloride-co-vinyl acetate) and its laser-derived analogue. Thermochimica Acta, 2006, 447, 75-80.	1.2	7
76	UV laser deposition of nanostructured Si/C/O/N/H from disilazane precursors and evolution to silicon oxycarbonitride. Applied Organometallic Chemistry, 2006, 20, 648-655.	1.7	4
77	N2 laser-induced formation of copolymeric ultrafine particles in a gaseous tetraethenylgermaneâ€“carbon disulfide mixture. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 171, 21-26.	2.0	10
78	Solution photolysis of ferrocene into Fe-based nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 171, 251-256.	2.0	16
79	IR laser ablative desulfurization of poly(1,4-phenylene sulfide). Journal of Analytical and Applied Pyrolysis, 2005, 73, 145-149.	2.6	14
80	Laser powered homogeneous decomposition of 2,2-diethenylhexamethyltrisilane: Complex mechanism and gas-phase deposition of polycarbosilane. Journal of Analytical and Applied Pyrolysis, 2005, 73, 284-289.	2.6	0
81	IR laser-induced modification of poly(vinyl acetate): Elimination of monomer and deposition of polar crosslinked films. Polymer, 2005, 46, 8973-8980.	1.8	13
82	Thermal behaviour of polyoxocarbosilane shells in Fe-based (core)â€“polyoxocarbosilane (shell) nanocomposites. Thermochimica Acta, 2005, 439, 80-85.	1.2	14
83	IR laser production of nanostructured polyborocarbosiloxane powders with SiOB bonds. Solid State Sciences, 2005, 7, 123-131.	1.5	11
84	IR laser-induced synthesis of nanostructured gemanium telluride in the gas phase. Applied Organometallic Chemistry, 2005, 19, 854-858.	1.7	9
85	Infrared laser synthesis and properties of magnetic nano-iron-polyoxocarbosilane composites. Applied Organometallic Chemistry, 2005, 19, 1015-1021.	1.7	14
86	IR Laser-Induced Degradation of Poly(vinyl acetate): Novel Thermal Reactions in Solid Polymers. Macromolecular Rapid Communications, 2005, 26, 386-389.	2.0	15
87	Laser powered homogeneous decomposition of selenophene and tellurophene. Journal of Analytical and Applied Pyrolysis, 2005, 73, 101-106.	2.6	4
88	IR laser-induced chemical vapor deposition of carbon-coated iron nanoparticles embedded in polymer. Journal of Materials Chemistry, 2005, 15, 4311.	6.7	21
89	ArF laser photolysis of gaseous CS2â€“(CH3)4Sn mixtures: gas-phase reaction between tin and sulfur and deposition of nanosized tin sulfides incorporated in a polymer network. New Journal of Chemistry, 2005, 29, 785.	1.4	11
90	Characterization of deposits produced by TEA CO2 pulsed laser ablation of silicon mono- and dioxide. Journal of Non-Crystalline Solids, 2005, 351, 116-123.	1.5	2

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91	Nano-structured crystalline Te films by laser gas-phase pyrolysis of dimethyl tellurium. Journal of Analytical and Applied Pyrolysis, 2004, 71, 739-746.	2.6	15
92	IR laser ablation of silicon monoxide in gaseous methanol and hydrocarbons: deposition of polyoxocarbosilane. Journal of Analytical and Applied Pyrolysis, 2004, 71, 431-444.	2.6	2
93	Laser-induced synthesis of ironâ€“iron oxide/methylmethoxysilicone nanocomposite. Applied Organometallic Chemistry, 2004, 18, 337-342.	1.7	12
94	UV Laser Chemical Vapor Deposition of Nano-Chained Copolymer from Carbon Disulfide and Ethene. Macromolecular Chemistry and Physics, 2004, 205, 2339-2345.	1.1	7
95	UV Laser-Induced Gas-Phase Copolymerization of Carbon Disulfide and Ethene. Macromolecular Rapid Communications, 2004, 25, 587-591.	2.0	9
96	Room-Temperature Reaction Between Laser Chemical Vapor Deposited Selenium and Some Metals.. ChemInform, 2004, 35, no.	0.1	0
97	IR laser decomposition of 1,3-disilacyclobutane in presence of carbon disulfide: chemical vapour deposition of polythiacarbosilane. Journal of Organometallic Chemistry, 2004, 689, 2697-2701.	0.8	8
98	Laser-induced gas-phase pyrolysis of dimethyl selenium: chemical deposition of selenium and poly(selenoformaldehyde). Journal of Analytical and Applied Pyrolysis, 2004, 71, 635-644.	2.6	8
99	Nanostructured unsaturated carbon from laser-photo-polymerization of diacetylene. Carbon, 2004, 42, 2521-2526.	5.4	6
100	Room-Temperature Reaction between Laser Chemical Vapor Deposited Selenium and Some Metals. Chemistry of Materials, 2004, 16, 3439-3445.	3.2	19
101	Megawatt UV laser photolysis of disiloxanes: thermally stable polyoxocarbosilane powders. Solid State Sciences, 2003, 5, 1079-1086.	1.5	10
102	Laser photolysis of trimethoxysilane: chemical vapour deposition of nanostructured silicone powders with Sïï£¿H and Sïï£¿OCH3bonds. Applied Organometallic Chemistry, 2003, 17, 113-119.	1.7	1
103	Laser Ablative Structural Modification of Poly(ethylene-alt-maleic anhydride). Chemistry of Materials, 2003, 15, 3887-3893.	3.2	19
104	ArF Laser-Induced Chemical Vapor Deposition of Polythiene Films from Carbon Disulfide. Journal of Physical Chemistry B, 2003, 107, 9793-9801.	1.2	21
105	Megawatt laser photolysis of trimethyl(vinyloxy)silane: formation of nano-sized cross-linked polyoxocarbosilane with superior thermal stability. Journal of Non-Crystalline Solids, 2003, 328, 227-236.	1.5	5
106	IR laser-induced gas-phase polymerization of silacyclopent-3-ene assisted by an in situ generated Fe(CO)xspecies. Physical Chemistry Chemical Physics, 2003, 5, 3789-3794.	1.3	7
107	Polymer-stabilized nano-sized tellurium films by laser-induced chemical vapour co-deposition process. Journal of Materials Chemistry, 2003, 13, 394-398.	6.7	11
108	Thermally Stable Polyoxocarbosilane Thin Films by Pulsed IR Laser Ablation of Poly[oxy(tetramethyldisilane-1,2-diyl)]. Chemistry of Materials, 2002, 14, 1242-1248.	3.2	25

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109	IR laser-induced reactive ablation of silicon monoxide in hydrogen and water atmosphere. Journal of Materials Chemistry, 2002, 12, 1800-1805.	6.7	19
110	IR laser thermolytic conversion of disiloxanes to polyoxocarbosilane phase and silicon carbide. Journal of Materials Chemistry, 2002, 12, 1568-1572.	6.7	5
111	UV Laser Photolysis of Disiloxanes for Chemical Vapor Deposition of Nano-Textured Silicones. Chemistry of Materials, 2002, 14, 144-153.	3.2	27
112	IR laser-induced thermolysis of (chloromethyl)silane: complex reaction involving H2Si:, H2C: and HClSi: transients and yielding nanostructured Si/C/H phases. Journal of Materials Chemistry, 2002, 12, 1519-1524.	6.7	7
113	UV laser photolysis of silacyclopent-3-ene: effect of admixtures on nature of chemically vapour-deposited organosilicon films. Applied Organometallic Chemistry, 2002, 16, 580-586.	1.7	2
114	Transient detection in infrared multiphoton decomposition of (chloromethyl)silane and 1,3-disilacyclobutane: evidence for cleavage of SiCH4 intermediates. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 152, 17-24.	2.0	5
115	Infrared laser-powered homogeneous decomposition of (chloromethyl)trimethylsilane: 1,2-Cl shift and methene expulsion yielding chlorotrimethylsilane. Journal of Analytical and Applied Pyrolysis, 2002, 62, 197-203.	2.6	5
116	ArF laser photo-polymeric films of acetylene. Surface and Coatings Technology, 2002, 157, 55-58.	2.2	3
117	Atmospheric pressure chemical vapour deposition of polycarbosilane films via UV laser-induced polymerization of ethynyltrimethylsilane. Surface and Coatings Technology, 2002, 149, 129-134.	2.2	5
118	Decomposition of liquid hexamethyldisiloxane induced by CO2 laser pulse heating of carbon particles. Chemical Physics, 2002, 278, 31-39.	0.9	1
119	TEA CO2 pulsed laser deposition of silicon suboxide films. Journal of Non-Crystalline Solids, 2001, 288, 30-36.	1.5	19
120	IR laserÂinduced thermolysis and UV laserÂinduced photolysis of 1,3Âdiethyldisiloxane: chemical vapour deposition of nanotextured hydridoalkylsilicones. Journal of Materials Chemistry, 2001, 11, 1557-1562.	6.7	14
121	Trimethylsilyl Group Migrations in Cryogenic Ozonolysis of Trimethylsilylethene:Â Evidence for Nonconcerted Primary Ozonide Decomposition Pathway. Journal of Organic Chemistry, 2001, 66, 6977-6981.	1.7	5
122	Surface modification of a polymer film by cryogenic laser ablation of organosilicon compounds. Applied Physics A: Materials Science and Processing, 2001, 73, 527-530.	1.1	6
123	IR laser-induced decomposition of hexamethyldisiloxane for chemical vapour deposition of nano-structured hydrido(methyl)silicone powders. Journal of Analytical and Applied Pyrolysis, 2001, 57, 109-118.	2.6	12
124	Atmospheric pressure chemical vapour deposition of selenium films by KrF laser photolysis of dimethyl selenium. Applied Surface Science, 2001, 172, 220-224.	3.1	9
125	UV laser-induced photolysis of diethyl selenium and diethyl tellurium: extrusion of selenium and tellurium via molecular elimination of ethene. Journal of Organometallic Chemistry, 2001, 629, 93-96.	0.8	8
126	UV laser-induced photolysis of 1,3-disilacyclobutane in oxygen for chemical vapour deposition of nano-sized polyoxocarbosilane films. Journal of Organometallic Chemistry, 2001, 640, 170-176.	0.8	12

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127	Laser-induced thin film formation from a gaseous mixture of trimethylsilylacetylene and methyl acrylate. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 140, 243-248.	2.0	1
128	Atmospheric pressure chemical vapour deposition of selenium and tellurium films by UV laser photolysis of diethyl selenium and diethyl tellurium. Applied Organometallic Chemistry, 2001, 15, 924-930.	1.7	9
129	UV Laser Photodeposition of Nanotextured Poly(hydridomethylsiloxane) Powder from Gaseous 1,3-Dimethyldisiloxane. Chemical Vapor Deposition, 2001, 7, 19-22.	1.4	9
130	Laser-induced formation of polymers from unsaturated (organyl)trimethylsilanes in the gas phase. Polymer, 2001, 42, 1311-1318.	1.8	9
131	Kinetic study for the reactions of chlorine atoms with hexamethyldisiloxane, 1,1,3,3-tetramethyldisiloxane, and 1,3-dimethyldisiloxane. Chemical Physics Letters, 2001, 344, 241-248.	1.2	0
132	IR LASER-INDUCED CARBON-ENHANCED THERMOLYSIS OF SILOXANES IN THE LIQUID PHASE. Main Group Metal Chemistry, 2001, 24, .	0.6	1
133	UV laser-induced gas-phase polymerization of ethynyltrimethylsilane. Macromolecular Rapid Communications, 2000, 21, 178-181.	2.0	11
134	Perhydridosilicone films produced by IR laser-induced chemical vapour deposition from disiloxane. Applied Organometallic Chemistry, 2000, 14, 453-464.	1.7	11
135	Chemical vapour deposition of selenium and tellurium films by UV laser photolysis of selenophene and tellurophene. Applied Organometallic Chemistry, 2000, 14, 715-720.	1.7	18
136	Trimethylsilyl group migration in the Criegee intermediate of gas-phase ozonolysis of trimethylsilylethenes. Tetrahedron Letters, 2000, 41, 2435-2438.	0.7	5
137	IR laser-induced thermolysis of silacyclopent-3-ene: extrusion of silylene and chemical vapour deposition of polycarbosilane phases via reactions of silylene, buta-1,3-diene and methylene. Journal of Organometallic Chemistry, 2000, 605, 202-208.	0.8	8
138	ArF and KrF Laser-Induced Gas-Phase Photolysis of Selenophene and Tellurophene:Â Extrusion of Te and Se and Intramolecular 1,3-H Shift Competing with Î²-Câ”C Cleavage in C4H4Residue. Journal of Organic Chemistry, 2000, 65, 2759-2762.	1.7	21
139	IR laser-induced decomposition of 1,3â€“dimethyldisiloxane for chemical vapour deposition of nano-structured methyl(hydrido)silicone phases. Journal of Materials Chemistry, 2000, 10, 1415-1418.	6.7	17
140	IR and UV Laser-Induced Decomposition of Organosilanes for Cvd of Si/C/h pHases. Research on Chemical Intermediates, 1999, 25, 351-366.	1.3	8
141	UV laser-induced photolysis of silacyclopent-3-ene: unseparable photochemistry of reactant and product for chemical vapour deposition of Si/C/H polymer. Journal of Organometallic Chemistry, 1999, 575, 246-250.	0.8	6
142	CO2 laser photosensitised decomposition of 1,3-diphenyldisiloxane in the liquid phase: formation of poly(phenylsiloxanes) via extrusion/insertion of phenylsilanone. Journal of Organometallic Chemistry, 1999, 580, 188-190.	0.8	2
143	UV-laser-induced photolysis of trimethyl(vinyloxy)silane for chemical vapour deposition of polysiloxane films. Applied Organometallic Chemistry, 1999, 13, 643-647.	1.7	9
144	IR laser-induced decomposition of disiloxane for chemical vapour deposition of poly(hydridosiloxane) films. Applied Organometallic Chemistry, 1999, 13, 655-658.	1.7	17

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145	Formation of secondary ozonides in the gas phase low-temperature ozonation of primary and secondary alkenes. Journal of the Chemical Society Perkin Transactions II, 1999, , 239-248.	0.9	22
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