

Peter Hammer

List of Publications by Year in descending order

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129
papers

4,372
citations

81743

39
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128067

60
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130
all docs

130
docs citations

130
times ranked

5079
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nanostructured Poly(methyl Methacrylate)@Silica Coatings for Corrosion Protection of Reinforcing Steel. ACS Applied Nano Materials, 2022, 5, 2603-2615. | 2.4 | 9 |
| 2 | On the performance of self-organized TiO ₂ nanotubes@MnO _x as supercapacitor: Influence of the heat treatment, cathodic treatment, water aging, and thermal oxides. Electrochimica Acta, 2022, 408, 139898. | 2.6 | 4 |
| 3 | Amine functionalization of carbon nanotubes with solid urea using different plasma treatments. Applied Surface Science, 2022, 583, 152493. | 3.1 | 6 |
| 4 | Self-healing nanocoatings. , 2022, , 371-401. | | 2 |
| 5 | Effect of the interlamellar anion on CuMgFe-LDH in solar photo-Fenton and Fenton-like degradation of the anticancer drug 5-fluorouracil. Applied Catalysis B: Environmental, 2022, 315, 121537. | 10.8 | 15 |
| 6 | Green-High-Performance PMMA@Silica@Li Barrier Coatings. Corrosion and Materials Degradation, 2022, 3, 303-319. | 1.0 | 3 |
| 7 | Protective PMMA-silica coatings for aluminum alloys: Nanostructural control of elevated thermal stability and anticorrosive performance. Progress in Organic Coatings, 2021, 152, 106129. | 1.9 | 14 |
| 8 | A new approach on synergistic effect and chemical stability of graphene oxide-magnetic nanocomposite in the heterogeneous Fenton degradation of caffeine. Environmental Science and Pollution Research, 2021, 28, 55014-55028. | 2.7 | 8 |
| 9 | Fenton-like degradation of sulfathiazole using copper-modified MgFe-CO ₃ layered double hydroxide. Journal of Hazardous Materials, 2021, 413, 125388. | 6.5 | 38 |
| 10 | Effect of Ce(III) and Ce(IV) ions on the structure and active protection of PMMA-silica coatings on AA7075 alloy. Corrosion Science, 2021, 189, 109581. | 3.0 | 19 |
| 11 | Fast and Inexpensive Synthesis of Multilayer Graphene Used as Pd Support in Alkaline Direct Ethanol Fuel Cell Anode. Electrocatalysis, 2021, 12, 715. | 1.5 | 1 |
| 12 | Electrocatalysts based on low amounts of palladium combined with tin nanoparticles and cerium dioxide nanorods for application as ADEFC anodes. International Journal of Hydrogen Energy, 2021, 46, 39438-39456. | 3.8 | 7 |
| 13 | Smart PMMA@cerium oxide anticorrosive coatings: Effect of ceria content on structure and electrochemical properties. Progress in Organic Coatings, 2021, 161, 106548. | 1.9 | 5 |
| 14 | Simultaneous degradation of the anticancer drugs 5-fluorouracil and cyclophosphamide using a heterogeneous photo-Fenton process based on copper-containing magnetites (Fe _{3-x} Cu _x O ₄). Chemosphere, 2020, 241, 124990. | 4.2 | 41 |
| 15 | Effective corrosion protection by eco-friendly self-healing PMMA-cerium oxide coatings. Chemical Engineering Journal, 2020, 383, 123219. | 6.6 | 66 |
| 16 | Barrier properties of high performance PMMA-silica anticorrosion coatings. Progress in Organic Coatings, 2020, 138, 105398. | 1.9 | 31 |
| 17 | A comparative study on PMMA-TiO ₂ and PMMA-ZrO ₂ protective coatings. Progress in Organic Coatings, 2020, 140, 105477. | 1.9 | 25 |
| 18 | Surface composition and catalytic activity of an iron mining residue for simultaneous degradation of sulfonamide antibiotics. Environmental Science and Pollution Research, 2020, 27, 1710-1720. | 2.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Microwave synthesis of Ti/(RuO ₂) _{0.5} (IrO ₂) _{0.5} anodes: Improved electrochemical properties and stability. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114460. | 1.9 | 30 |
| 20 | On the stability of the passive Ti-6Al-4V film of friction stir welds with stainless steel: Effect of not native metal species. <i>Electrochimica Acta</i> , 2020, 358, 136900. | 2.6 | 7 |
| 21 | Sn-containing electrocatalysts with a reduced amount of palladium for alkaline direct ethanol fuel cell applications. <i>Renewable Energy</i> , 2020, 158, 49-63. | 4.3 | 18 |
| 22 | Influence of the RuO ₂ layer thickness on the physical and electrochemical properties of anodes synthesized by the ionic liquid method. <i>Electrochimica Acta</i> , 2020, 354, 136625. | 2.6 | 16 |
| 23 | Advanced organic nanocomposite coatings for effective corrosion protection. , 2020, , 315-343. | | 5 |
| 24 | Hydroxyapatite and β -TCP modified PMMA-TiO ₂ and PMMA-ZrO ₂ coatings for bioactive corrosion protection of Ti6Al4V implants. <i>Materials Science and Engineering C</i> , 2020, 116, 111149. | 3.8 | 39 |
| 25 | PMMA-silica nanocomposite coating: Effective corrosion protection and biocompatibility for a Ti6Al4V alloy. <i>Materials Science and Engineering C</i> , 2020, 110, 110713. | 3.8 | 24 |
| 26 | Dual Role of Lithium on the Structure and Self-Healing Ability of PMMA-Silica Coatings on AA7075 Alloy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40629-40641. | 4.0 | 27 |
| 27 | Degradation of Acid Red 8 Dye Using Photo-Fenton Reaction Mediated by Titanium Modified Catalysts. <i>Journal of the Brazilian Chemical Society</i> , 2019, , . | 0.6 | 2 |
| 28 | Insights in the Study of the Oxygen Reduction Reaction in Direct Ethanol Fuel Cells using Hybrid Platinum-Ceria Nanorods Electrocatalysts. <i>ChemElectroChem</i> , 2019, 6, 5124-5135. | 1.7 | 9 |
| 29 | Carbon nanotube plasma functionalization: The role of carbon nanotube/maleic anhydride solid premix. <i>Applied Surface Science</i> , 2019, 491, 405-410. | 3.1 | 17 |
| 30 | Recent Advances in Nanostructured Polymer Composites for Biomedical Applications. , 2019, , 21-52. | | 4 |
| 31 | Self-supported nickel nanoparticles on germanophosphate glasses: synthesis and applications in catalysis. <i>RSC Advances</i> , 2019, 9, 17157-17164. | 1.7 | 8 |
| 32 | Faujasites exchanged with alkylammonium cations applied to basic catalysis. <i>Microporous and Mesoporous Materials</i> , 2019, 282, 159-168. | 2.2 | 5 |
| 33 | When a Red-NIR-Emissive Cs ₂ [Mo ₆ Br ₁₄] Interacts with an Active Diuretic-PEO Matrix: Design of Tunable and White-Light-Emitting Hybrid Material. <i>Chemistry - A European Journal</i> , 2019, 25, 15248-15251. | 1.7 | 10 |
| 34 | Evaluation of H ₂ O ₂ electrogeneration and decolorization of Orange II azo dye using tungsten oxide nanoparticle-modified carbon. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 436-445. | 10.8 | 98 |
| 35 | Niobium: a promising Pd co-electrocatalyst for ethanol electrooxidation reactions. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1495-1506. | 1.2 | 22 |
| 36 | Structure and properties of epoxy-siloxane-silica nanocomposite coatings for corrosion protection. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 617-628. | 5.0 | 51 |

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|----|---|------|-----------|
| 37 | Surface modification of ZnO quantum dots by organosilanes and oleic acid with enhanced luminescence for potential biological application. <i>Materials Research Express</i> , 2017, 4, 015027. | 0.8 | 17 |
| 38 | W@Au Nanostructures Modifying Carbon as Materials for Hydrogen Peroxide Electrogenation. <i>Electrochimica Acta</i> , 2017, 231, 713-720. | 2.6 | 36 |
| 39 | Synthesis and Characterization of ZrO ₂ /C as Electrocatalyst for Oxygen Reduction to H ₂ O ₂ . <i>Electrocatalysis</i> , 2017, 8, 189-195. | 1.5 | 25 |
| 40 | Carbon Modified with Vanadium Nanoparticles for Hydrogen Peroxide Electrogenation. <i>Electrocatalysis</i> , 2017, 8, 311-320. | 1.5 | 9 |
| 41 | On the supercapacitor performance of microwave heat treated self organized TiO ₂ nanotubes: influence of the cathodic pre-treatment, water aging, and thermal oxide. <i>Electrochimica Acta</i> , 2017, 245, 165-172. | 2.6 | 6 |
| 42 | Iridium~Rhodium Nanoparticles for Ammonia Oxidation: Electrochemical and Fuel Cell Studies. <i>ChemElectroChem</i> , 2017, 4, 1101-1107. | 1.7 | 27 |
| 43 | High-performance activated carbon from polyaniline for capacitive deionization. <i>Carbon</i> , 2017, 123, 318-333. | 5.4 | 97 |
| 44 | Protective Coatings Based on PMMA~Silica Nanocomposites Reinforced with Carbon Nanotubes. , 2016, , . | | 3 |
| 45 | Bifunctional silica nanoparticles for the exploration of <i>Pseudomonas aeruginosa</i> biofilm. , 2016, , . | | 0 |
| 46 | Hydrogen peroxide electrogeneration in gas diffusion electrode nanostructured with Ta ₂ O ₅ . <i>Applied Catalysis A: General</i> , 2016, 517, 161-167. | 2.2 | 90 |
| 47 | Assessments of the Effect of Increasingly Severe Cathodic Pretreatments on the Electrochemical Activity of Polycrystalline Boron-Doped Diamond Electrodes. <i>Analytical Chemistry</i> , 2016, 88, 5363-5368. | 3.2 | 57 |
| 48 | A Comparative Study on Graphene Oxide and Carbon Nanotube Reinforcement of PMMA-Siloxane-Silica Anticorrosive Coatings. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16339-16350. | 4.0 | 64 |
| 49 | Surface and Catalytical effects on Treated Carbon Materials for Hydrogen Peroxide Electrogenation. <i>Electrocatalysis</i> , 2016, 7, 60-69. | 1.5 | 50 |
| 50 | Sulfated zirconia foams synthesized by integrative route combining surfactants, air bubbles and sol~gel transition applied to heterogeneous catalysis. <i>RSC Advances</i> , 2016, 6, 6686-6694. | 1.7 | 14 |
| 51 | Degradation of organic compounds in a fenton system based on chitosan/Fe ₀ /Fe ₂ O ₃ composites: a theoretical and experimental study. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 377-386. | 1.2 | 3 |
| 52 | Oxidation of ammonia using PtRh/C electrocatalysts: Fuel cell and electrochemical evaluation. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 136-144. | 10.8 | 85 |
| 53 | Siloxane~PMMA hybrid anti-corrosion coatings reinforced by lignin. <i>Surface and Coatings Technology</i> , 2015, 275, 9-16. | 2.2 | 49 |
| 54 | On the structure of high performance anticorrosive PMMA~siloxane~silica hybrid coatings. <i>RSC Advances</i> , 2015, 5, 106754-106763. | 1.7 | 68 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Structural properties of cerium doped siloxane-PMMA hybrid coatings with high anticorrosive performance. RSC Advances, 2015, 5, 15414-15424. | 1.7 | 42 |
| 56 | Structural and optical features of ureasiloxane-polyethylene oxide hybrids containing CeO ₂ nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 471, 73-80. | 2.3 | 9 |
| 57 | Carbon-supported TiO ₂ -Au hybrids as catalysts for the electrogeneration of hydrogen peroxide: Investigating the effect of TiO ₂ shape. Journal of Catalysis, 2015, 326, 100-106. | 3.1 | 45 |
| 58 | As-synthesized TEA-BEA zeolite: Effect of Si/Al ratio on the Knoevenagel condensation. Microporous and Mesoporous Materials, 2015, 202, 198-207. | 2.2 | 36 |
| 59 | Structure and properties of chemically synthesized BiFeO ₃ . Influence of fuel and complexing agent. Ceramics International, 2015, 41, 69-77. | 2.3 | 23 |
| 60 | Improvement of the photocatalytic activity of magnetite by Mn-incorporation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 181, 64-69. | 1.7 | 19 |
| 61 | Structure and catalytic properties of sulfated zirconia foams. Journal of Sol-Gel Science and Technology, 2014, 72, 252-259. | 1.1 | 6 |
| 62 | Sodium titanate as basic catalyst in transesterification reactions. Fuel, 2014, 118, 48-54. | 3.4 | 26 |
| 63 | Characterization of metal-biomass interactions in the lanthanum(III) biosorption on Sargassum sp. using SEM/EDX, FTIR, and XPS: Preliminary studies. Chemical Engineering Journal, 2014, 239, 381-391. | 6.6 | 136 |
| 64 | Bifunctional silica nanoparticles for the exploration of biofilms of <i>Pseudomonas aeruginosa</i> . Biofouling, 2013, 29, 775-788. | 0.8 | 14 |
| 65 | TiO ₂ -Cu photocatalysts: a study on the long- and short-range chemical environment of the dopant. Journal of Materials Science, 2013, 48, 3904-3912. | 1.7 | 24 |
| 66 | Influence of the preparation method and the support on H ₂ O ₂ electrogeneration using cerium oxide nanoparticles. Electrochimica Acta, 2013, 111, 339-343. | 2.6 | 42 |
| 67 | Degradation of dipyrone via advanced oxidation processes using a cerium nanostructured electrocatalyst material. Applied Catalysis A: General, 2013, 462-463, 256-261. | 2.2 | 36 |
| 68 | Ethanol electro-oxidation in an alkaline medium using Pd/C, Au/C and PdAu/C electrocatalysts prepared by electron beam irradiation. Electrochimica Acta, 2013, 111, 455-465. | 2.6 | 125 |
| 69 | Low tungsten content of nanostructured material supported on carbon for the degradation of phenol. Applied Catalysis B: Environmental, 2013, 142-143, 479-486. | 10.8 | 61 |
| 70 | Carbon nanotube-reinforced siloxane-PMMA hybrid coatings with high corrosion resistance. Progress in Organic Coatings, 2013, 76, 601-608. | 1.9 | 59 |
| 71 | Gas phase photocatalytic bacteria inactivation using metal modified TiO ₂ catalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 253, 38-44. | 2.0 | 13 |
| 72 | Are new TiNbZr alloys potential substitutes of the Ti6Al4V alloy for dental applications? An electrochemical corrosion study. Biomedical Materials (Bristol), 2013, 8, 065005. | 1.7 | 26 |

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|----|--|-----|-----------|
| 73 | Highly corrosion resistant siloxane-polymethyl methacrylate hybrid coatings. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 266-274. | 1.1 | 57 |
| 74 | The valuable role of renucleation rate in ultrananocrystalline diamond growth. <i>Diamond and Related Materials</i> , 2012, 23, 112-119. | 1.8 | 21 |
| 75 | APTES-Modified RE ₂ O ₃ :Eu ³⁺ Luminescent Beads: Structure and Properties. <i>Langmuir</i> , 2012, 28, 3962-3971. | 1.6 | 31 |
| 76 | PtSnIr/C anode electrocatalysts: promoting effect in direct ethanol fuel cells. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1146-1153. | 0.6 | 20 |
| 77 | Spectroscopic characterization of the reduction and removal of chromium (VI) by tropical peat and humin. <i>Fuel</i> , 2012, 91, 141-146. | 3.4 | 19 |
| 78 | Black and green pigments based on chromium-cobalt spinels. <i>Materials Chemistry and Physics</i> , 2011, 129, 619-624. | 2.0 | 48 |
| 79 | The influence of hydrogen plasma pre-treatment on the structure of BDND electrode surface applied for phenol detection. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6133-6139. | 0.8 | 17 |
| 80 | Electrochemical Behavior of a Glassy Carbon Electrode Chemically Modified with Nickel Pentacyanonitrosylferrate in Presence of Sulfur Compounds. <i>Electroanalysis</i> , 2011, 23, 1488-1496. | 1.5 | 3 |
| 81 | A comparative study of the electrogeneration of hydrogen peroxide using Vulcan and Printex carbon supports. <i>Carbon</i> , 2011, 49, 2842-2851. | 5.4 | 161 |
| 82 | Efficiency of ethanol conversion induced by controlled modification of pore structure and acidic properties of alumina catalysts. <i>Applied Catalysis A: General</i> , 2011, 398, 59-65. | 2.2 | 28 |
| 83 | Corrosion protection of stainless steel by polysiloxane hybrid coatings prepared using the sol-gel process. <i>Surface and Coatings Technology</i> , 2010, 204, 2689-2701. | 2.2 | 129 |
| 84 | Removal of metal ions from aqueous solution by chelating polymeric hydrogel. <i>Environmental Chemistry Letters</i> , 2010, 8, 343-348. | 8.3 | 17 |
| 85 | Preparation of different basic Si-MCM-41 catalysts and application in the Knoevenagel and Claisen-Schmidt condensation reactions. <i>Journal of Catalysis</i> , 2010, 271, 220-227. | 3.1 | 69 |
| 86 | Controlled growth of anodic aluminium oxide films with hexagonal array of nanometer-sized pores filled with textured copper nanowires. <i>Journal of the European Ceramic Society</i> , 2010, 30, 181-186. | 2.8 | 8 |
| 87 | Photocatalytic degradation of methylene blue by TiO ₂ -Cu thin films: Theoretical and experimental study. <i>Journal of Hazardous Materials</i> , 2010, 184, 273-280. | 6.5 | 92 |
| 88 | Improvement of the corrosion resistance of polysiloxane hybrid coatings by cerium doping. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2606-2612. | 1.5 | 51 |
| 89 | XPS study on water corrosion of fluorozirconate glasses and their protection by a layer of surface modified tin dioxide nanoparticles. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 128-134. | 0.8 | 9 |
| 90 | Improvement of the chemical resistance of zirconium fluoride glasses coated with a Tiron® modified tin oxide layer prepared by the sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3653-3658. | 1.5 | 0 |

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| 91 | Structure and properties of Ti ⁴⁺ -ureasil organic-inorganic hybrids. Journal of the Brazilian Chemical Society, 2006, 17, 443-452. | 0.6 | 19 |
| 92 | Corrosion protection of fluorozirconate glasses coated by a layer of surface modified tin oxide nanoparticles. Thin Solid Films, 2006, 502, 94-98. | 0.8 | 1 |
| 93 | Density improvement of the sol-gel dip-coated SnO ₂ films by chemical surface modification. Journal of the European Ceramic Society, 2005, 25, 2045-2049. | 2.8 | 10 |
| 94 | Photo-induced effects in Ge ₂₅ Ga ₁₀ Si ₆₅ glasses studied by XPS and XAS. Solid State Ionics, 2005, 176, 1403-1409. | 1.3 | 11 |
| 95 | XPS Study of the Corrosion Protection of Fluorozirconate Glasses Dip-Coated with SnO ₂ Transparent Thin Films. Journal of Sol-Gel Science and Technology, 2004, 32, 155-160. | 1.1 | 21 |
| 96 | Transparent and conductive ZnO:Al thin films prepared by sol-gel dip-coating. Journal of the European Ceramic Society, 2004, 24, 1009-1013. | 2.8 | 126 |
| 97 | Study on the initial stages of water corrosion of fluorozirconate glasses. Journal of Non-Crystalline Solids, 2004, 348, 38-43. | 1.5 | 10 |
| 98 | Nanostructure and properties of ZnO films produced by the pyrosol process. Journal of Applied Crystallography, 2003, 36, 435-438. | 1.9 | 7 |
| 99 | Pressure-induced physical changes of noble gases implanted in highly stressed amorphous carbon films. Physical Review B, 2003, 68, . | 1.1 | 34 |
| 100 | Incorporation of nitrogen in carbon nanotubes. Journal of Non-Crystalline Solids, 2002, 299-302, 874-879. | 1.5 | 92 |
| 101 | EXAFS study of noble gases implanted in highly stressed amorphous carbon films. Journal of Non-Crystalline Solids, 2002, 299-302, 805-809. | 1.5 | 8 |
| 102 | Structural properties of hydrogenated carbon-nitride films produced by ion-beam-assisted evaporation of the molecular precursor C ₄ N ₆ H ₄ . Journal of Applied Physics, 2001, 89, 7852-7859. | 1.1 | 2 |
| 103 | Influence of chemical sputtering on the composition and bonding structure of carbon nitride films. Thin Solid Films, 2001, 398-399, 116-123. | 0.8 | 47 |
| 104 | Influence of stress on the electron core level energies of noble gases implanted in hard amorphous carbon films. Diamond and Related Materials, 2001, 10, 956-959. | 1.8 | 5 |
| 105 | A comprehensive nitriding study by low energy ion beam implantation on stainless steel. Surface and Coatings Technology, 2001, 146-147, 405-409. | 2.2 | 17 |
| 106 | Hard graphitic-like amorphous carbon films with high stress and local microscopic density. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 971-975. | 0.9 | 47 |
| 107 | Vibrational analysis of amorphous carbon-nitrogen alloys by ¹⁵ N and D isotopic substitution. Physical Review B, 2000, 61, 1083-1087. | 1.1 | 42 |
| 108 | Effects of increasing nitrogen concentration on the structure of carbon nitride films deposited by ion beam assisted deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 2277. | 0.9 | 51 |

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|-----|--|-----|-----------|
| 109 | Photoelectron spectroscopic study of amorphous GaAsN films. Applied Physics Letters, 2000, 76, 2211-2213. | 1.5 | 10 |
| 110 | On the structure of argon assisted amorphous carbon films. Diamond and Related Materials, 2000, 9, 796-800. | 1.8 | 33 |
| 111 | Comparative study on the bonding structure of hydrogenated and hydrogen free carbon nitride films with high N content. Diamond and Related Materials, 2000, 9, 577-581. | 1.8 | 68 |
| 112 | Hydrogen induced changes on the electronic structure of carbon nitride films. Journal of Non-Crystalline Solids, 1998, 227-230, 645-649. | 1.5 | 26 |
| 113 | Electronic structure of hydrogenated carbon nitride films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2941-2949. | 0.9 | 162 |
| 114 | Identification of structural changes in carbon-nitrogen alloys by studying the dependence of the plasmon energy on nitrogen concentration. Applied Physics Letters, 1998, 73, 3521-3523. | 1.5 | 24 |
| 115 | Infrared analysis of deuterated carbon-nitrogen films obtained by dual-ion-beam-assisted-deposition. Applied Physics Letters, 1998, 73, 1065-1067. | 1.5 | 58 |
| 116 | Synthesis of carbon nitride films at low temperatures. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 107-112. | 0.9 | 95 |
| 117 | Low-temperature sputter deposition and characterisation of carbon nitride films. Surface and Coatings Technology, 1997, 97, 544-551. | 2.2 | 20 |
| 118 | Chemical sputtering of carbon films by low energy N ₂ ⁺ ion bombardment. Diamond and Related Materials, 1996, 5, 1152-1158. | 1.8 | 83 |
| 119 | Ion beam deposited carbon nitride films: characterization and identification of chemical sputtering. Thin Solid Films, 1996, 290-291, 107-111. | 0.8 | 89 |
| 120 | Nanostructured titanium boron nitride coatings of very high hardness. Surface and Coatings Technology, 1995, 74-75, 491-496. | 2.2 | 48 |
| 121 | Electrical conductivity of amorphous hydrogenated carbon. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1995, 72, 335-350. | 0.6 | 64 |
| 122 | Titanium boron nitride coatings of very high hardness. Surface and Coatings Technology, 1994, 68-69, 194-198. | 2.2 | 74 |
| 123 | Ambiguous doping effects in amorphous hydrogenated carbon films prepared by PACVD. Diamond and Related Materials, 1994, 3, 1103-1106. | 1.8 | 11 |
| 124 | Hardness and elasticity of diamond-like carbon films prepared by ion-beam assisted sputter deposition. Diamond and Related Materials, 1994, 3, 770-774. | 1.8 | 11 |
| 125 | Electrical and optical properties of plasma-deposited amorphous hydrocarbon films. Journal of Non-Crystalline Solids, 1991, 137-138, 843-846. | 1.5 | 12 |
| 126 | Electrical characterization of plasma-deposited hydrogenated amorphous carbon films. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 139, 334-388. | 2.6 | 7 |

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|-----|--|-----|-----------|
| 127 | Corrosion Behavior of Fe-Mn-Si-Cr-Ni-Co Shape Memory Stainless Steel in Highly Oxidizing Medium. Materials Science Forum, 0, 869, 669-674. | 0.3 | 2 |
| 128 | Organic-Inorganic Hybrid Coatings for Corrosion Protection of Metallic Surfaces. , 0, , . | | 8 |
| 129 | Organic-Inorganic Hybrid Coatings for Active and Passive Corrosion Protection. , 0, , . | | 0 |