

Pedro Estrela

List of Publications by Year in descending order

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133
papers

5,491
citations

100601

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100535

70
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139
all docs

139
docs citations

139
times ranked

7642
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An impedimetric immunosensor for the selective detection of CD34+ T-cells in human serum. <i>Sensors and Actuators B: Chemical</i> , 2022, 356, 131306. | 4.0 | 8 |
| 2 | Molecular Analysis: BioFET Detection Sensors. , 2022, , 631-649. | | 0 |
| 3 | Wastewater-based epidemiology in hazard forecasting and early-warning systems for global health risks. <i>Environment International</i> , 2022, 161, 107143. | 4.8 | 8 |
| 4 | Electrochemical sensors based on metal nanoparticles with biocatalytic activity. <i>Mikrochimica Acta</i> , 2022, 189, 172. | 2.5 | 35 |
| 5 | Impedimetric aptamer-based glycan PSA score for discrimination of prostate cancer from other prostate diseases. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112872. | 5.3 | 38 |
| 6 | Hydrogelâ€‘Forming Microneedles: Current Advancements and Future Trends. <i>Macromolecular Bioscience</i> , 2021, 21, e2000307. | 2.1 | 160 |
| 7 | Strategies for Multiplexed Electrochemical Sensor Development. <i>Studies in Systems, Decision and Control</i> , 2021, , 63-93. | 0.8 | 5 |
| 8 | Graphene Enabled Lowâ€‘Noise Surface Chemistry for Multiplexed Sepsis Biomarker Detection in Whole Blood. <i>Advanced Functional Materials</i> , 2021, 31, 2010638. | 7.8 | 54 |
| 9 | Electrochemical Biosensors for Cytokine Profiling: Recent Advancements and Possibilities in the Near Future. <i>Biosensors</i> , 2021, 11, 94. | 2.3 | 27 |
| 10 | Electrochemical Biosensors: Graphene Enabled Lowâ€‘Noise Surface Chemistry for Multiplexed Sepsis Biomarker Detection in Whole Blood (Adv. Funct. Mater. 16/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170107. | 7.8 | 1 |
| 11 | Impact of surface roughness on the self-assembling of molecular films onto gold electrodes for label-free biosensing applications. <i>Electrochimica Acta</i> , 2021, 378, 138137. | 2.6 | 15 |
| 12 | Printable graphene BioFETs for DNA quantification in Lab-on-PCB microsystems. <i>Scientific Reports</i> , 2021, 11, 9815. | 1.6 | 32 |
| 13 | Utilising Commercially Fabricated Printed Circuit Boards as an Electrochemical Biosensing Platform. <i>Micromachines</i> , 2021, 12, 793. | 1.4 | 7 |
| 14 | Multiplexed Prostate Cancer Companion Diagnostic Devices. <i>Sensors</i> , 2021, 21, 5023. | 2.1 | 12 |
| 15 | Pre-concentration of microRNAs by LNA-modified magnetic beads for enhancement of electrochemical detection. <i>Scientific Reports</i> , 2021, 11, 19650. | 1.6 | 6 |
| 16 | Rapid and on-site simultaneous electrochemical detection of copper, lead and mercury in the Amazon river. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127620. | 4.0 | 75 |
| 17 | Label-Free DNA Biosensor Using Modified Reduced Graphene Oxide Platform as a DNA Methylation Assay. <i>Materials</i> , 2020, 13, 4936. | 1.3 | 16 |
| 18 | Biogenic preparation of doughnut shaped manganese nanograins embellished on graphene for superior interfacial binding of biomarkers. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9896-9906. | 2.6 | 7 |

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|----|---|-----|-----------|
| 19 | Ultra stable, inkjet-printed pseudo reference electrodes for lab-on-chip integrated electrochemical biosensors. <i>Scientific Reports</i> , 2020, 10, 17152. | 1.6 | 12 |
| 20 | Integrated Electrochemical Biosensors for Detection of Waterborne Pathogens in Low-Resource Settings. <i>Biosensors</i> , 2020, 10, 36. | 2.3 | 39 |
| 21 | Towards an intuitive human-robot interaction based on hand gesture recognition and proximity sensors. , 2020, , . | | 10 |
| 22 | Electrochemical ELISA Protein Biosensing in Undiluted Serum Using a Polypyrrole-Based Platform. <i>Sensors</i> , 2020, 20, 2857. | 2.1 | 11 |
| 23 | Electrochemical aptasensor using optimized surface chemistry for the detection of <i>Mycobacterium tuberculosis</i> secreted protein MPT64 in human serum. <i>Biosensors and Bioelectronics</i> , 2019, 123, 141-151. | 5.3 | 46 |
| 24 | Effect of Graphene Oxide Modification on a DNA Biosensor Developed for the Detection of Methylated DNA Associated with Cancer. <i>Proceedings (mdpi)</i> , 2019, 15, . | 0.2 | 0 |
| 25 | Extracellular Electrophysiology in the Prostate Cancer Cell Model PC-3. <i>Sensors</i> , 2019, 19, 139. | 2.1 | 21 |
| 26 | In-situ synthesis of 3D ultra-small gold augmented graphene hybrid for highly sensitive electrochemical binding capability. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 289-297. | 5.0 | 10 |
| 27 | Gold interdigitated triple-microelectrodes for label-free prognosticative aptasensing of prostate cancer biomarker in serum. <i>Biosensors and Bioelectronics</i> , 2019, 136, 118-127. | 5.3 | 57 |
| 28 | Reduced graphene-oxide transducers for biosensing applications beyond the Debye-screening limit. <i>Biosensors and Bioelectronics</i> , 2019, 130, 352-359. | 5.3 | 15 |
| 29 | A PNA-based Lab-on-PCB diagnostic platform for rapid and high sensitivity DNA quantification. <i>Biosensors and Bioelectronics</i> , 2019, 123, 244-250. | 5.3 | 52 |
| 30 | Development of an aptamer-based field effect transistor biosensor for quantitative detection of <i>Plasmodium falciparum</i> glutamate dehydrogenase in serum samples. <i>Biosensors and Bioelectronics</i> , 2019, 123, 30-35. | 5.3 | 54 |
| 31 | Sensitive and selective Affimer-functionalised interdigitated electrode-based capacitive biosensor for Her4 protein tumour biomarker detection. <i>Biosensors and Bioelectronics</i> , 2018, 108, 1-8. | 5.3 | 57 |
| 32 | Collective electrical oscillations of a diatom population induced by dark stress. <i>Scientific Reports</i> , 2018, 8, 5484. | 1.6 | 9 |
| 33 | Development of a Sensitive Multiplexed Open Circuit Potential System for the Detection of Prostate Cancer Biomarkers. <i>BioNanoScience</i> , 2018, 8, 701-706. | 1.5 | 14 |
| 34 | Capacitive aptasensor based on interdigitated electrode for breast cancer detection in undiluted human serum. <i>Biosensors and Bioelectronics</i> , 2018, 102, 106-112. | 5.3 | 119 |
| 35 | Microfluidic Devices for Label-Free DNA Detection. <i>Chemosensors</i> , 2018, 6, 43. | 1.8 | 38 |
| 36 | Exploiting the signatures of nanoplasmonâ€“exciton coupling on proton sensitive insulatorâ€“semiconductor devices for drug discovery applications. <i>Nanoscale</i> , 2018, 10, 13320-13328. | 2.8 | 3 |

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|----|---|-----|-----------|
| 37 | Top-Down Fabricated Silicon Nanowire Arrays for Field-Effect Detection of Prostate-Specific Antigen. ACS Omega, 2018, 3, 8471-8482. | 1.6 | 31 |
| 38 | Electrochemical ELISA-based platform for bladder cancer protein biomarker detection in urine. Biosensors and Bioelectronics, 2018, 117, 620-627. | 5.3 | 45 |
| 39 | Recent Advances in Enhancement Strategies for Electrochemical ELISA-Based Immunoassays for Cancer Biomarker Detection. Sensors, 2018, 18, 2010. | 2.1 | 75 |
| 40 | Capacitive malaria aptasensor using Plasmodium falciparum glutamate dehydrogenase as target antigen in undiluted human serum. Biosensors and Bioelectronics, 2018, 117, 246-252. | 5.3 | 50 |
| 41 | Electrochemical immunosensor for tumor necrosis factor-alpha detection in undiluted serum. Methods, 2017, 116, 125-131. | 1.9 | 32 |
| 42 | Self-assembled gold nanoparticles for impedimetric and amperometric detection of a prostate cancer biomarker. Sensors and Actuators B: Chemical, 2017, 251, 637-643. | 4.0 | 52 |
| 43 | Aptamer-based Field-Effect Biosensor for Tenofovir Detection. Scientific Reports, 2017, 7, 44409. | 1.6 | 66 |
| 44 | Nanomaterial Fungicides: In Vitro and In Vivo Antimycotic Activity of Cobalt and Nickel Nanoferrites on Phytopathogenic Fungi. Global Challenges, 2017, 1, 1700041. | 1.8 | 57 |
| 45 | A Peptide Nucleic Acid (PNA)-DNA Ferrocenyl Intercalator for Electrochemical Sensing. Electroanalysis, 2017, 29, 917-922. | 1.5 | 11 |
| 46 | Semiconductor technology in protein kinase research and drug discovery: sensing a revolution. Drug Discovery Today, 2017, 22, 204-209. | 3.2 | 4 |
| 47 | Raman and Raman spectroscopic studies of tungsten doped Ni-Zn nano ferrite. Journal of Materials Science: Materials in Electronics, 2017, 28, 679-685. | 1.1 | 12 |
| 48 | Nucleic Acid-Based Aptasensors for Cancer Diagnostics: An Insight into Immobilisation Strategies. , 2017, , 205-231. | | 1 |
| 49 | Electrochemical and SERS Based Biosensors for Cancer Biomarkers Detection. Proceedings (mdpi), 2017, 1, . | 0.2 | 0 |
| 50 | Biosensors for Screening Kinase Inhibitors. Current Topics in Medicinal Chemistry, 2017, 17, 2470-2481. | 1.0 | 0 |
| 51 | Fabrication of a Horizontal and a Vertical Large Surface Area Nanogap Electrochemical Sensor. Sensors, 2016, 16, 2128. | 2.1 | 8 |
| 52 | Inexpensive and fast pathogenic bacteria screening using field-effect transistors. Biosensors and Bioelectronics, 2016, 85, 103-109. | 5.3 | 33 |
| 53 | Cadmium Sulfide Nanoparticles Decorated with Au Quantum Dots as Ultrasensitive Photoelectrochemical Sensor for Selective Detection of Copper(II) Ions. Journal of Physical Chemistry C, 2016, 120, 22202-22214. | 1.5 | 71 |
| 54 | Introduction to biosensors. Essays in Biochemistry, 2016, 60, 1-8. | 2.1 | 858 |

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| 55 | Oligonucleotide-based systems: DNA, microRNAs, DNA/RNA aptamers. <i>Essays in Biochemistry</i> , 2016, 60, 27-35. | 2.1 | 26 |
| 56 | Electrochemical biosensors and nanobiosensors. <i>Essays in Biochemistry</i> , 2016, 60, 69-80. | 2.1 | 265 |
| 57 | Hybrid Synthetic Receptors on MOSFET Devices for Detection of Prostate Specific Antigen in Human Plasma. <i>Analytical Chemistry</i> , 2016, 88, 11486-11490. | 3.2 | 35 |
| 58 | Highly sensitive dual mode electrochemical platform for microRNA detection. <i>Scientific Reports</i> , 2016, 6, 36719. | 1.6 | 64 |
| 59 | Electro-Engineered Polymeric Films for the Development of Sensitive Aptasensors for Prostate Cancer Marker Detection. <i>ACS Sensors</i> , 2016, 1, 1308-1314. | 4.0 | 35 |
| 60 | Community Sewage Sensors towards Evaluation of Drug Use Trends: Detection of Cocaine in Wastewater with DNA-Directed Immobilization Aptamer Sensors. <i>Scientific Reports</i> , 2016, 6, 21024. | 1.6 | 35 |
| 61 | Label-Free Ultrasensitive Memristive Aptasensor. <i>Nano Letters</i> , 2016, 16, 4472-4476. | 4.5 | 87 |
| 62 | DNA aptamer-based sandwich microfluidic assays for dual quantification and multi-glycan profiling of cancer biomarkers. <i>Biosensors and Bioelectronics</i> , 2016, 79, 313-319. | 5.3 | 61 |
| 63 | Aptamer-MIP hybrid receptor for highly sensitive electrochemical detection of prostate specific antigen. <i>Biosensors and Bioelectronics</i> , 2016, 75, 188-195. | 5.3 | 231 |
| 64 | Biosensors – Topical issue. <i>Chemical Papers</i> , 2015, 69, 1-3. | 1.0 | 5 |
| 65 | Boron-Doped Diamond Dual-Plate Deep-Microtrench Device for Generator-Collector Sulfide Sensing. <i>Electroanalysis</i> , 2015, 27, 2645-2653. | 1.5 | 6 |
| 66 | Optimisation and Characterisation of Anti-Fouling Ternary SAM Layers for Impedance-Based Aptasensors. <i>Sensors</i> , 2015, 15, 25015-25032. | 2.1 | 50 |
| 67 | Point-of-Care Diagnostics in Low Resource Settings: Present Status and Future Role of Microfluidics. <i>Biosensors</i> , 2015, 5, 577-601. | 2.3 | 259 |
| 68 | Optimisation of an electrochemical impedance spectroscopy aptasensor by exploiting quartz crystal microbalance with dissipation signals. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 369-375. | 4.0 | 58 |
| 69 | A simple and highly sensitive electrochemical platform for detection of MicroRNAs. , 2015, , . | | 4 |
| 70 | Ferrocene-Boronic Acid-Fructose Binding Based on Dual-Plate Generator-Collector Voltammetry and Square-Wave Voltammetry. <i>ChemElectroChem</i> , 2015, 2, 867-871. | 1.7 | 6 |
| 71 | Multimodal electrochemical and nanoplasmonic biosensors using ferrocene-crowned nanoparticles for kinase drug discovery applications. <i>Electrochemistry Communications</i> , 2015, 57, 70-73. | 2.3 | 18 |
| 72 | DNA aptamer-based detection of prostate cancer. <i>Chemical Papers</i> , 2015, 69, . | 1.0 | 41 |

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|----|---|-----|-----------|
| 73 | Community Sewage Sensors for Monitoring Public Health. <i>Environmental Science & Technology</i> , 2015, 49, 5845-5846. | 4.6 | 56 |
| 74 | Plasmonic ruler on field-effect devices for kinase drug discovery applications. <i>Biosensors and Bioelectronics</i> , 2015, 71, 121-128. | 5.3 | 23 |
| 75 | A novel immobilization strategy for electrochemical detection of cancer biomarkers: DNA-directed immobilization of aptamer sensors for sensitive detection of prostate specific antigens. <i>Analyst</i> , The, 2015, 140, 2628-2633. | 1.7 | 59 |
| 76 | A Novel DNA Biosensor Using a Ferrocenyl Intercalator Applied to the Potential Detection of Human Population Biomarkers in Wastewater. <i>Environmental Science & Technology</i> , 2015, 49, 5609-5617. | 4.6 | 44 |
| 77 | Protein phosphorylation detection using dual-mode field-effect devices and nanoplasmonic sensors. <i>Scientific Reports</i> , 2015, 5, 8687. | 1.6 | 32 |
| 78 | Label-free impedimetric aptasensor with antifouling surface chemistry: A prostate specific antigen case study. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 306-312. | 4.0 | 134 |
| 79 | Molecular Analysis: BioFET Detection Sensors. , 2015, , 1-19. | | 0 |
| 80 | Field-Effect Transistors: Current Advances and Challenges in Bringing Them to Point-of-Care. , 2015, , 353-371. | | 3 |
| 81 | Switching of electrochemical characteristics of redox protein upon specific biomolecular interactions. <i>Analyst</i> , The, 2014, 139, 6118-6121. | 1.7 | 3 |
| 82 | Cysteine-Cystine Redox Cycling in a Gold-Plated Gold Dual-Plate Generator-Collector Microtrench Sensor. <i>Analytical Chemistry</i> , 2014, 86, 6748-6752. | 3.2 | 26 |
| 83 | Protein phosphorylation analysis based on proton release detection: Potential tools for drug discovery. <i>Biosensors and Bioelectronics</i> , 2014, 54, 109-114. | 5.3 | 30 |
| 84 | A novel cobalt complex for enhancing amperometric and impedimetric DNA detection. <i>Electrochimica Acta</i> , 2014, 128, 10-15. | 2.6 | 10 |
| 85 | Localized Surface Plasmon Resonance as a Biosensing Platform for Developing Countries. <i>Biosensors</i> , 2014, 4, 172-188. | 2.3 | 142 |
| 86 | Electrowetting enabled magnetic particle immunoassay with on-chip magnetic washing. , 2013, , . | | 0 |
| 87 | Nanoparticle-Induced Catalysis for Electrochemical DNA Biosensors Arben Merkoçi. , 2012, , 159-180. | | 0 |
| 88 | Biomolecular and electrochemical charge detection by a micromechanical electrometer. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 301-305. | 4.0 | 15 |
| 89 | Single-crystal study on the heavy-fermion antiferromagnet UZn_{12} . <i>Journal of Physics Condensed Matter</i> , 2011, 23, 045602. | 0.7 | 1 |
| 90 | Fabrication of BioFET linear array for detection of protein interactions. <i>Microelectronic Engineering</i> , 2010, 87, 753-755. | 1.1 | 14 |

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| 91 | Label-Free Sub-picomolar Protein Detection with Field-Effect Transistors. <i>Analytical Chemistry</i> , 2010, 82, 3531-3536. | 3.2 | 61 |
| 92 | Carbon Nanostructure-Based Field-Effect Transistors for Label-Free Chemical/Biological Sensors. <i>Sensors</i> , 2010, 10, 5133-5159. | 2.1 | 145 |
| 93 | Detection of Molecular Interactions with Modified Ferrocene Self-Assembled Monolayers. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10661-10665. | 1.2 | 19 |
| 94 | Label-Free Electrical Biosensor Arrays: A New Challenge for TFT Technology. <i>Journal of the Korean Physical Society</i> , 2009, 54, 498-504. | 0.3 | 10 |
| 95 | Optimization of DNA immobilization on gold electrodes for label-free detection by electrochemical impedance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1291-1297. | 5.3 | 214 |
| 96 | Optimization of label-free DNA detection with electrochemical impedance spectroscopy using PNA probes. <i>Biosensors and Bioelectronics</i> , 2008, 24, 906-911. | 5.3 | 112 |
| 97 | Label-Free Detection of Protein interactions with peptide aptamers by open circuit potential measurement. <i>Electrochimica Acta</i> , 2008, 53, 6489-6496. | 2.6 | 35 |
| 98 | Label-free electrical detection of DNA hybridization for the example of influenza virus gene sequences. <i>Analytical Biochemistry</i> , 2008, 374, 143-153. | 1.1 | 55 |
| 99 | Application of thin film transistors to label-free electrical biosensors. , 2008, , . | | 3 |
| 100 | Potentiometric detection of protein interactions with peptide aptamers. , 2008, , . | | 3 |
| 101 | Self-assembled nanotube field-effect transistors for label-free protein biosensors. <i>Journal of Applied Physics</i> , 2008, 104, . | 1.1 | 24 |
| 102 | Chemical and biological sensors using polycrystalline silicon TFTs. <i>Journal of Materials Chemistry</i> , 2007, 17, 219-224. | 6.7 | 48 |
| 103 | Field effect detection of biomolecular interactions. <i>Electrochimica Acta</i> , 2005, 50, 4995-5000. | 2.6 | 72 |
| 104 | Electrical detection of biomolecular interactions with metal-insulator-semiconductor diodes. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1580-1586. | 5.3 | 34 |
| 105 | Polycrystalline silicon ion sensitive field effect transistors. <i>Applied Physics Letters</i> , 2005, 86, 053901. | 1.5 | 38 |
| 106 | Polycrystalline Silicon ISFETs on Glass Substrate. <i>Sensors</i> , 2005, 5, 293-301. | 2.1 | 6 |
| 107 | Thermal expansion of CeCu _{6-x} Aux. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 23-24. | 1.0 | 2 |
| 108 | HIGH PRESSURE TRANSPORT STUDY OF NON-FERMI LIQUID BEHAVIOUR IN U ₂ Pt ₂ In AND U ₃ Ni ₃ Sn ₄ . <i>International Journal of Modern Physics B</i> , 2002, 16, 2998-3003. | 1.0 | 2 |

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| 109 | Pressure-induced recovery of the Fermi-liquid state in the non-Fermi liquid material U ₂ Pt ₂ In. Physica B: Condensed Matter, 2002, 312-313, 482-484. | 1.3 | 1 |
| 110 | High-pressure study of the non-Fermi liquid material U ₂ Pt ₂ In. European Physical Journal B, 2001, 23, 449-454. | 0.6 | 6 |
| 111 | Recovery of the Fermi-liquid state in U ₃ Ni ₃ Sn ₄ by pressure. Physical Review B, 2001, 63, . | 1.1 | 8 |
| 112 | Muon localization site in U(Pt,Pd) ₃ . Physica B: Condensed Matter, 2000, 289-290, 455-458. | 1.3 | 6 |
| 113 | Crystal structure and physical properties of U ₃ T ₃ Sn ₄ (T=Ni, Cu) single crystals. Physica B: Condensed Matter, 2000, 292, 89-96. | 1.3 | 5 |
| 114 | Resistivity of non-Fermi liquid U ₂ Pt ₂ In under pressure. Physica B: Condensed Matter, 2000, 281-282, 381-383. | 1.3 | 4 |
| 115 | Possible non-Fermi-liquid behaviour in URh _{1/3} Ni _{2/3} Al. Physica B: Condensed Matter, 2000, 281-282, 377-378. | 1.3 | 5 |
| 116 | Magnetic Quantum Critical Point and Superconductivity in UPt ₃ Doped with Pd. Physical Review Letters, 2000, 85, 3005-3008. | 2.9 | 23 |
| 117 | Magnetization density distribution in. Journal of Physics Condensed Matter, 1999, 11, 2115-2125. | 0.7 | 2 |
| 118 | Non-Fermi-liquid behaviour of U _{3-x} Ni ₃ Sn _{4-y} single crystals. Journal of Physics Condensed Matter, 1999, 11, 3525-3534. | 0.7 | 7 |
| 119 | Non-Fermi-liquid behaviour in U ₂ Pt ₂ In. Physica B: Condensed Matter, 1999, 259-261, 409-411. | 1.3 | 17 |
| 120 | Non-Fermi liquid behavior in U _{3-x} Ni ₃ Sn _{4-y} single crystals. Physica B: Condensed Matter, 1999, 259-261, 423-425. | 1.3 | 3 |
| 121 | Magnetic and transport properties of U ₂ Pt ₂ In single crystals. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 885-887. | 1.0 | 3 |
| 122 | Crystallographic and magnetic properties of UFe _{5.8} Al _{6.2} single crystals. Journal of Magnetism and Magnetic Materials, 1998, 189, 283-292. | 1.0 | 14 |
| 123 | Structural, magnetic and transport properties of single-crystalline. Journal of Physics Condensed Matter, 1998, 10, 9465-9475. | 0.7 | 15 |
| 124 | Single crystal magnetisation of UFe ₁₀ Mo ₂ . Journal of Magnetism and Magnetic Materials, 1997, 167, L185-L188. | 1.0 | 3 |
| 125 | Anomalous magnetisation process in UFe ₄ Al ₈ probed by magnetisation and magnetoresistance. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 690-691. | 1.0 | 5 |
| 126 | Magnetic phase transitions in RFe _{9.5} Mo _{2.5} intermetallics studied by ⁵⁷ Fe Mössbauer spectroscopy, magnetisation and ¹ / ₄ +SR. Journal of Magnetism and Magnetic Materials, 1996, 164, 305-318. | 1.0 | 12 |

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| 127 | Giant-magnetoresistance anomaly associated with a magnetization process in UFe ₄ Al ₈ . Physical Review B, 1996, 53, R480-R483. | 1.1 | 31 |
| 128 | A single-crystal magnetization and neutron scattering investigation of the magnetic structure of. Journal of Physics Condensed Matter, 1996, 8, 11167-11179. | 0.7 | 13 |
| 129 | Structural and magnetic properties of UFe M ₁₂ (M = Al, Mo and Si) intermetallic compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1419-1420. | 1.0 | 8 |
| 130 | Magnetic properties of UFe ₁₀ Si ₂ single crystal. Journal of Alloys and Compounds, 1995, 230, 35-41. | 2.8 | 14 |
| 131 | Structural and physical properties of UFe ₁₀ Mo ₂ . Journal of Alloys and Compounds, 1995, 218, 183-189. | 2.8 | 10 |
| 132 | The irreversibility line of the superconducting compound HgBa ₂ Ca ₃ Cu ₄ O _{10+δ} . Physica C: Superconductivity and Its Applications, 1994, 235-240, 2731-2732. | 0.6 | 7 |
| 133 | Catching the Sugars: Electrochemical Aptasensors for the Detection of Cancer-Related Glycosylation Changes in Prostate-Specific Antigen. , 0, , . | | 1 |