



CENTRO FEDERAL DE EDUCAÇÃO TECNOLÓGICA DE MINAS GERAIS
DIRETORIA DE PESQUISA E PÓS-GRADUAÇÃO
PROGRAMA DE PÓS-GRADUAÇÃO EM ENGENHARIA DE MATERIAIS
PUBLICAÇÕES EM PERIÓDICOS – ANO 2020

TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
A BIOPHYSICAL ANALYSIS OF A STREAMLINED PRODUCTION OF PANCREATIC SCAFFOLDS	0167-577X	MATERIALS LETTERS (GENERAL ED.)	BIO
ACTIVATED CARBON IMPREGNATED WITH COPPER TO REMOVE L-CYSTEINE IN AN AQUEOUS MEDIUM	1735-1472	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	REC
ANÁLISE DAS PROPRIEDADES MECÂNICAS E BIOLÓGICAS DO CIMENTO ÓSSEO DE FOSFATO DE CÁLCIO BIFÁSICO NANOESTRUTURADO DE CURA RÁPIDA	1517-7076	MATÉRIA (UFRJ)	BIO
ARTIFICIAL STONE PRODUCTION USING IRON ORE TAILING (IOT)	1678-4553	CERÂMICA	REC
ATIVAÇÃO DA SUPERFÍCIE DA LIGA TI-6AL-4V ATRAVÉS DO PROCESSO EDM	1984-5693	PERSPECTIVAS DA CIÊNCIA E TECNOLOGIA	BIO
CARBON BLACK-CHITOSAN FILM-BASED ELECTROCHEMICAL SENSOR FOR LOSARTAN	1432-8488	JOURNAL OF SOLID STATE ELECTROCHEMISTRY (PRINT)	BIO
CELLULOSE ACETATE NANOFIBERS LOADED WITH CRUDE ANNATTO EXTRACT: PREPARATION, CHARACTERIZATION, AND IN VIVO EVALUATION FOR POTENTIAL WOUND HEALING APPLICATIONS	0928-4931	MATERIALS SCIENCE & ENGINEERING. C, BIOMIMETIC MATERIALS, SENSORS AND SYSTEMS (PRINT)	BIO
CEMENTITIOUS BINDERS AND RECLAIMED ASPHALT AGGREGATES FOR SUSTAINABLE PAVEMENT BASE LAYERS: POTENTIAL, CHALLENGES AND RESEARCH NEEDS	0950-0618	CONSTRUCTION & BUILDING MATERIALS	REC
CHARACTERISATION AND MACHINABILITY OF HIGH CHROMIUM HARDENED WHITE CAST IRON WITH AND WITHOUT THE ADDITION OF NIOBIUM	0043-1648	WEAR (LAUSANNE)	SPC
CYTOTOXIC EFFECT OF THERMOSENSITIVE MAGNETOLIPOSOMES LOADED WITH GEMCITABINE AND PACLITAXEL ON HUMAN PRIMARY BREAST CANCER CELLS (MGSO-3 LINE)	1388-0764	JOURNAL OF NANOPARTICLE RESEARCH	BIO
DESENVOLVIMENTO DE FILMES DE TIO ₂ PRODUZIDOS POR TRATAMENTO ELETROQUÍMICO SOBRE A LIGA Ti6Al4V: SUA CARACTERIZAÇÃO FÍSICO-QUÍMICA E MECÂNICA	1517-7076	MATÉRIA (UFRJ)	BIO
DETERMINATION OF TADALAFIL IN PHARMACEUTICAL SAMPLES BY VERTICALLY ORIENTED MULTI-WALLED CARBON NANOTUBE ELECTROCHEMICAL SENSING DEVICE	1572-6657	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	BIO
DEVELOPMENT OF BIPHASIC BONE CEMENT OBTAINED FROM CHICKEN EGG SHELL	2238-7854	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	BIO
EFEITO DO TEOR DE ÁGUA E TAMANHO DE PARTÍCULA NA DECOMPOSIÇÃO TÉRMICA DE PASTAS DE CIMENTO MOÍDAS	1517-7076	MATÉRIA (UFRJ)	REC
EFFECT OF NIOBIUM ADDITION ON THE PROPERTIES AND MICROSTRUCTURE OF A HIGH CHROMIUM CAST IRON ALLOY	1517-7076	MATÉRIA (UFRJ)	REC
EFFECTS OF HEAT INPUT AND NIOBIUM ADDITION ON HAZ OF MICROALLOYED STEELS FOR REINFORCING BARS	0104-9224	SOLDAGEM E INSPEÇÃO	SPC



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TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
ELECTRODEPOSITED FEMN/NI BILAYERS FROM SULFATE ELECTROLYTES	0038-1098	SOLID STATE COMMUNICATIONS	SPC
ELECTROSPUN PROGESTERONE-LOADED CELLULOSE ACETATE NANOFIBERS AND THEIR DRUG SUSTAINED-RELEASE PROFILES	0032-3888	POLYMER ENGINEERING AND SCIENCE	BIO
ENVIRONMENTALLY FRIENDLY MANUFACTURING: BEHAVIOR ANALYSIS OF MINIMUM QUANTITY OF LUBRICANT - MQL IN GRINDING PROCESS	0959-6526	JOURNAL OF CLEANER PRODUCTION	REC
EVALUATION OF MACHINED SURFACE OF THE HARDENED AISI 4340 STEEL THROUGH ROUGHNESS AND RESIDUAL STRESS PARAMETERS IN TURNING AND GRINDING	1433-3015	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY (INTERNET)	SPC
FLOW INJECTION ANALYSIS SYSTEM WITH ELECTROCHEMICAL DETECTION FOR THE SIMULTANEOUS DETERMINATION OF NANOMOLAR LEVELS OF ACETAMINOPHEN AND CODEINE	1878-5352	ARABIAN JOURNAL OF CHEMISTRY	BIO
HEAT TREATMENT EFFECT ON THE MICROSTRUCTURE AND TRIBOLOGICAL BEHAVIOUR OF A HIGH CHROMIUM CAST IRON WITH 0.5% OF NIOBIUM	1347-5460	ISIJ INTERNATIONAL	SPC
IMPROVING THE DISPERSION OF AND IN MELTS EMPLOYING CONTROLLED EXTENSIONAL FLOWS	0021-8995	JOURNAL OF APPLIED POLYMER SCIENCE (PRINT)	SPC
INFLUENCE OF DIFFERENT CONCENTRATIONS OF SILICON, COPPER AND TIN IN THE MICROSTRUCTURE AND IN THE MECHANICAL PROPERTIES OF COMPACTED GRAPHITE IRON	1980-5373	MATERIALS RESEARCH	SPC
INFLUENCE OF QUARTZ POWDER AND SILICA FUME ON THE PERFORMANCE OF PORTLAND CEMENT	2045-2322	SCIENTIFIC REPORTS	REC
INFLUENCE OF THE EXTERNAL PRESSURE ON THE STRUCTURE AND MAGNETIC PROPERTIES OF ND _{0.5} SR _{0.5} CO ₃ COBALTITE	0304-8853	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	SPC
INFLUÊNCIA DA TEMPERATURA E TEMPO DO TRATAMENTO TÉRMICO DE REVENIMENTO DE DUPLO ESTÁGIO SOBRE A MICROESTRUTURA E PROPRIEDADES DO METAL DE SOLDA 13% CR, 4% NI E 0,4% MO	0104-9224	SOLDAGEM E INSPEÇÃO	SPC
INVESTIGATION OF NITRIDE LAYERS DEPOSITED ON ANNEALED AISI H13 STEEL BY DIE-SINKING ELECTRICAL DISCHARGE MACHINING	0268-3768	INTERNATIONAL JOURNAL, ADVANCED MANUFACTURING TECHNOLOGY	SPC
IRON ORE TAILINGS AS A SUPPLEMENTARY CEMENTITIOUS MATERIAL IN THE PRODUCTION OF PIGMENTED CEMENTS	0959-6526	JOURNAL OF CLEANER PRODUCTION	REC
LOW-CARBON CONCRETE BASED ON BINARY BIOMASS ASH-SILICA FUME BINDER TO PRODUCE ECO-FRIENDLY PAVING BLOCKS	1996-1944	MATERIALS (BASEL)	REC
MATRIZ BIDIMENSIONAL DE CELULOSE OBTIDA DE FOLHA VEGETAL VISANDO REPARO ÓSSEO: CARACTERIZAÇÃO MORFOLÓGICA E QUÍMICA	1517-7076	MATÉRIA (UFRJ)	BIO



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TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
METAL MAGNESIUM INDUSTRY WASTE FOR PARTIAL REPLACEMENT OF PORTLAND CEMENT	1983-4195	REVISTA IBRACON DE ESTRUTURAS E MATERIAIS	REC
NEW DISPOSABLE ELECTROCHEMICAL PAPER BASED MICROFLUIDIC DEVICE WITH MULTIPLEXED ELECTRODES FOR BIOMARKERS DETERMINATION IN URINE SAMPLE	1040-0397	ELECTROANALYSIS (NEW YORK, N.Y.)	BIO
NITROGEN-DOPED CARBON NANOTUBES TOWARD ELECTROCHEMICAL SENSING: EFFECT OF SYNTHESIS TEMPERATURE	0925-9635	DIAMOND AND RELATED MATERIALS	BIO
NON-ENZYMATIC ELECTROCHEMICAL DETERMINATION OF CREATININE USING A NOVEL SCREEN-PRINTED MICROCELL	0039-9140	TALANTA (OXFORD)	BIO
OBTENÇÃO E CARACTERIZAÇÃO DE MICROESFERAS DE ALGINATO/VIDRO BIOATIVO	1984-5693	PERSPECTIVAS DA CIÊNCIA E TECNOLOGIA	BIO
PHOTOCATALYTIC PERFORMANCE OF CEMENTITIOUS MATERIALS WITH ADDITION OF RED MUD AND NB2O5 PARTICLES	0950-0618	CONSTRUCTION & BUILDING MATERIALS	REC
POLYPHENOL OXIDASE-BASED ELECTROCHEMICAL BIOSENSORS: A REVIEW	0003-2670	ANALYTICA CHIMICA ACTA (PRINT)	BIO
REJEITO DA INDÚSTRIA DE MAGNÉSIO METÁLICO PARA SUBSTITUIÇÃO PARCIAL DO CIMENTO PORTLAND	1983-4195	REVISTA IBRACON DE ESTRUTURAS E MATERIAIS	REC
RESÍDUOS REFRAATÓRIOS PARA ARGAMASSA PARA PROTEÇÃO PASSIVE CONTRA INCÊNDIO	1678-8621	AMBIENTE CONSTRUÍDO (ONLINE)	REC
RHEOLOGICAL, MECHANICAL, THERMAL, AND MORPHOLOGICAL PROPERTIES OF BLENDS POLY(BUTYLENE ADIPATE- CO</i></i> -TEREPHTHALATE), THERMOPLASTIC STARCH, AND CELLULOSE NANOPARTICLES	0032-3888	POLYMER ENGINEERING AND SCIENCE	SPC
SELF-HEALING POLYMER BLEND BASED ON PETG AND EMAA	0021-8995	JOURNAL OF APPLIED POLYMER SCIENCE (PRINT)	SPC
SENSITIVE VOLTAMMETRIC DETECTION OF CHLOROQUINE DRUG BY APPLYING A BORON-DOPED DIAMOND ELECTRODE	2311-5629	C. JOURNAL OF CARBON RESEARCH	BIO
SURFACE MODIFICATION OF AISI H13 STEEL BY DIE-SINKING ELECTRICAL DISCHARGE MACHINING AND TIALN COATING: A PROMISING HYBRID TECHNIQUE TO IMPROVE WEAR RESISTANCE	0043-1648	WEAR (LAUSANNE)	SPC
THERMAL AND MECHANICAL ANALYSES OF COLORED MORTARS PRODUCED USING BRAZILIAN IRON ORE TAILINGS	0950-0618	CONSTRUCTION & BUILDING MATERIALS	REC
THERMAL AND OPTICAL BEHAVIOUR DATASET OF SURFACES COATED WITH HIGH REFLECTANCE AND COMMON MATERIALS UNDER DIFFERENT CONDITIONS, USED IN BRAZIL	2352-3409	DATA IN BRIEF	SPC



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Legenda:

LP – Linha de Pesquisa

SPC – Seleção, Processamento e Caracterização

REC – Reciclagem

BIO - Biomateriais