



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 2019

TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
ADDING VALUE TO POLYSTYRENE WASTE BY CHEMICALLY TRANSFORMING IT INTO SULFONATED POLYSTYRENE	1517-7076	MATÉRIA (UFRJ)	REC
ADSORPTION OF CO ₂ ON BIPHASIC AND AMORPHOUS CALCIUM PHOSPHATES: AN EXPERIMENTAL AND THEORETICAL ANALYSIS	0009-2614	CHEMICAL PHYSICS LETTERS (PRINT)	SPC
ALKALINE ACTIVATION OF HIGH-CALCIUM ASH AND IRON ORE TAILINGS AND THEIR RECYCLING POTENTIAL IN BUILDING MATERIALS	1678-8621	AMBIENTE CONSTRUÍDO (ONLINE)	REC
ANTI-INFLAMMATORY ACTIVITY OF PROTIUM SPRUCEANUM (BENTH.) ENGLER IS ASSOCIATED TO IMMUNOMODULATION AND ENZYMES INHIBITION	0378-8741	JOURNAL OF ETHNOPHARMACOLOGY	BIO
AVALIAÇÃO DA SUSCEPTIBILIDADE DE PRECIPITAÇÃO DA FASE SIGMA NA SOLDAGEM DO AÇO INOXIDÁVEL DUPLEX SAF2205	1517-7076	MATÉRIA (UFRJ)	SPC
CATION-DOPED BIOACTIVE CERAMICS: IN VITRO BIOACTIVITY AND EFFECT AGAINST BACTERIA OF THE ORAL CAVITY	0272-8842	CERAMICS INTERNATIONAL	BIO
COMPORTAMENTO MECÂNICO DE ALVENARIAS DE TERRA COM RESÍDUOS DE CONSTRUÇÃO E DEMOLIÇÃO	2447-0899	MIX SUSTENTÁVEL (PRINT)	REC
DEFECT INDUCES EFFECT ON LACOO ₃ : FROM DIAMAGNETISM TO FERRIMAGNETISM DUE TO VACANCY IN THE BULK LATTICE	0925-8388	JOURNAL OF ALLOYS AND COMPOUNDS	SPC
EFFECT OF HIGH TEMPERATURE ON THE MECHANICAL PROPERTIES OF STEEL FIBER-REINFORCED CONCRETE	2079-6439	FIBERS	SPC
EFFECT OF RESVERATROL ON EXPRESSION OF GENES INVOLVED THERMOGENESIS IN MICE AND HUMANS	0753-3322	BIOMEDICINE & PHARMACOTHERAPY	BIO
ELECTROCHEMICAL PAPER-BASED MICROFLUIDIC DEVICE FOR HIGH THROUGHPUT MULTIPLEXED ANALYSIS	0039-9140	TALANTA (OXFORD)	SPC
ELECTROCHROMIC AND ELECTROCHEMICAL PROPERTIES OF COPOLYMER FILMS BASED ON EDOT AND PHENYLTHIOPHENE DERIVATIVES	1432-8488	JOURNAL OF SOLID STATE ELECTROCHEMISTRY (PRINT)	REC
EVALUATION OF FATIGUE PERFORMANCE OF HIGH RAP-WMA MIXTURES	1996-6814	INTERNATIONAL JOURNAL OF PAVEMENT RESEARCH AND TECHNOLOGY	REC
EVALUATION OF THE RIETVELD METHOD FOR THE MINERALOGICAL CHARACTERIZATION OF AIRBORNE DUST IN A MINING AREA	2448-167X	REM - INTERNATIONAL ENGINEERING JOURNAL	REC
EXPLORING THE UNIVERSALITY OF THE ALTERNATING CONDUCTIVITY OF DISORDERED MATERIALS USING THE GAUSSIAN DISTRIBUTION OF ACTIVATION ENERGIES	2053-1591	MATERIALS RESEARCH EXPRESS	SPC



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TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
FUNCTIONAL NANOSTRUCTURED MATERIAL FOR WASTEWATER DECONTAMINATION	1533-4880	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	REC
GOLD NANOPARTICLE-DECORATED TITANIUM NITRIDE ELECTRODES PREPARED BY GLANCING ANGLE DEPOSITION FOR SENSING APPLICATIONS	2574-0970	ACS APPLIED NANO MATERIALS	SPC
IMPROVEMENT OF MAGNETIC SOLVENT EXTRACTION USING FUNCTIONALIZED SILICA-COATED FE ₃ O ₄ NANOPARTICLES	1383-5866	SEPARATION AND PURIFICATION TECHNOLOGY (PRINT)	SPC
IMPROVING PERFORMANCE OF POLYMER-BASED AMMONIA GAS SENSOR USING POMA/V ₂ O ₅ HYBRID FILMS	1566-1199	ORGANIC ELECTRONICS (PRINT)	REC
INFLUENCE OF COOLING METHODS ON THE RESIDUAL MECHANICAL BEHAVIOR OF FIRE-EXPOSED CONCRETE: AN EXPERIMENTAL STUDY	1996-1944	MATERIALS (BASEL)	SPC
MICROSTRUCTURE AND CHEMICAL STABILITY ANALYSIS OF MAGNETIC CORE COATED WITH SILICA AND FUNCTIONALIZED WITH SILANE OTS	0169-4332	APPLIED SURFACE SCIENCE	REC
N-DOPED CARBON NANOTUBES GROWN ON RED MUD RESIDUE: HYBRID NANOCOMPOSITES FOR TECHNOLOGICAL APPLICATIONS	0920-5861	CATALYSIS TODAY (PRINT)	REC
NITRETAÇÃO POR DESCARGAS ELÉTRICAS DA LIGA TI-6AL-4V COM ADIÇÃO DE PÓ ABRASIVO SIC AO FLUIDO DIELETRICO	1517-7076	MATÉRIA (UFRJ)	SPC
NOVEL ELECTROCHEMICAL SENSOR BASED ON NANODIAMONDS AND MANIOC STARCH FOR DETECTION OF DIQUAT IN ENVIRONMENTAL SAMPLES	0925-9635	DIAMOND AND RELATED MATERIALS	SPC
OFF-STOICHIOMETRY LAFESI CUBIC PHASE INDUCED BY THE REDUCED SIZE OF THE NANOPARTICLES PRODUCED BY PULSED LASER DEPOSITION	0925-8388	JOURNAL OF ALLOYS AND COMPOUNDS	SPC
OS CONTEÚDOS E OS TIPOS DE ITENS AVALIADOS NAS OLIMPÍADAS BRASILEIRAS DE FÍSICA: EDIÇÕES ENTRE 2014 E 2018	2007-9842	LATIN AMERICAN JOURNAL OF SCIENCE EDUCATION	SPC
PHOTOPROTECTIVE ACTIVITY AND INCREASE OF SPF IN SUNSCREEN FORMULATION USING LYOPHILIZED RED PROPOLIS EXTRACTS FROM ALAGOAS	0102-695X	REVISTA BRASILEIRA DE FARMACOGNOSIA	BIO
PROKNOW-C: DA SELEÇÃO DE UM PORTFÓLIO DE ARTIGOS A ANÁLISE SISTÊMICA SOBRE BLOCOS DE TERRA COMPRIMIDA	2674-7499	PENSAR ACADÊMICO (ONLINE)	REC
P1G10, THE PROTEOLYTIC FRACTION FROM VASCONCELLEA CUNDINAMARCENSIS, STIMULATES TISSUE REPAIR AFTER ACUTE EXPOSURE TO ULTRAVIOLET B RADIATION	1422-0067	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES (ONLINE)	BIO
RECYCLING CERAMIC WASTE AS A RAW MATERIAL IN SANITARY WARE PRODUCTION	1678-4553	CERÂMICA	SPC



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TÍTULO DA PRODUÇÃO	ISSN	TÍTULO DO PERIÓDICO	LP
REMARKABLE CHANGE IN THE BROADBAND ELECTRICAL BEHAVIOR OF POLY(VINYLDENE FLUORIDE)-MULTIWALLED CARBON NANOTUBE NANOCOMPOSITES WITH THE USE OF DIFFERENT PROCESSING ROUTES	0021-8995	JOURNAL OF APPLIED POLYMER SCIENCE (PRINT)	SPC
SENSITIVITY ANALYSIS OF COMPLEX SHEAR MODULUS USING HIRSCH MODEL	1996-6814	INTERNATIONAL JOURNAL OF PAVEMENT RESEARCH AND TECHNOLOGY	REC
SIMULTANEOUS ELECTROCHEMICAL SENSING OF ASCORBIC ACID AND URIC ACID UNDER BIOFOULING CONDITIONS USING NANOPOROUS GOLD ELECTRODES	1572-6657	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	SPC
THE REFRIGERANT CAPACITY IN SPIN-CROSSOVER MATERIALS: APPLICATION TO [FE(PHEN) ₂ (NCS) ₂]	0304-8853	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	SPC
THIN SLABS MADE OF HIGH-PERFORMANCE STEEL FIBRE-REINFORCED CEMENTITIOUS COMPOSITE: MECHANICAL BEHAVIOUR, STATISTICAL ANALYSIS AND MICROSTRUCTURAL INVESTIGATION	1996-1944	MATERIALS (BASEL)	REC
VOLTAMMETRIC SENSING OF FENITROTHION IN NATURAL WATER AND ORANGE JUICE SAMPLES USING A SINGLE-WALLED CARBON NANOHORNS AND ZEIN MODIFIED SENSOR	1572-6657	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	SPC
WEAR MECHANISMS OF CUTTING TOOLS IN HIGH-SPEED TURNING OF Ti6Al4V ALLOY	0268-3768	INTERNATIONAL JOURNAL, ADVANCED MANUFACTURING TECHNOLOGY	SPC

Legenda:

LP – Linha de Pesquisa

SPC – Seleção, Processamento e Caracterização

REC – Reciclagem

BIO - Biomateriais