

Artigos Publicados pelo IQ : 1980-1989

1980

Andrade, Antônio Cezar, Bristoti, Anildo
“Pirólise e alterações estruturais do carvão de Leão”
Anais da Associação Brasileira de Química **31**(3/4), 283 (1980)

Andrade, Antônio Cezar; Bristoti, Anildo
“Pirólise e reatividade do carvão de Leão”
Anais da Associação Brasileira de Química **31**(3/4), 291 (1980)

Azambuja, Denise Schermann; Bristoti, Anildo
“Concentração de alguns elementos menores na Mina de Leão”
Metalurgia **35**, 79 (1980)

Chassot, Attico Inácio
“Descrição do planejamento, implementação e resultados de uma disciplina de História da Química”
Anais da Associação Brasileira de Química **31**(3/4), 77 (1980)

Chassot, Attico Inácio; Chassot, Dione Campani
“Descrição do funcionamento de um disciplina de Química geral experimental que atende ao ritmo próprio dos alunos”
Anais da Associação Brasileira de Química **31**(3/4), 79 (1980)

Costa, Valentim Emílio Uberti; Hemb, Eliane Maria
“Reação de dechlorinação do ENDRIN”
Anais da Associação Brasileira de Química **31**(3/4), 59 (1980)

Costa, Valentim Emílio Uberti; Rocha, Edmundo Cidade da; Rinaldi, Sonia; Hermann Júnior, Claudio
“Síntese de sulfenamidas e efeito do grupo amina na vulcanização de elastômeros”
Anais da Associação Brasileira de Química **31**(3/4), 303 (1980)

Costa, Valentim Emílio Uberti; Chakraborty, Reba
“Estudo sobre a composição da semente da colza”
Anais da Associação Brasileira de Química **31**(3/4), 165 (1980)

Costa, Valentim Emílio Uberti; Moraes, Tania Maria Oliveira de; Seidl, Peter Rudolf; Dierks, Elke A. E. S.; Bica, Clara Isméria Damiani
“Extração oleaginosa da semente de colza pelo sistema solvente etanol-hexano e teste de técnicas de análise dos óleos”

Anais da Associação Brasileira de Química **31**(3/4), 173 (1980)

Dexheimer, Marco Antonio; Schifino, José
“A Química e a cinética da reação de Jaffé”
Revista Brasileira de Análise Clínica **12**(1/4), 49 (1980)

Dexheimer, Marco Antônio; Perazzolo, Clóvis Antônio
“Metodologia para avaliação da qualidade da matéria-prima vitamina C”
Anais da Associação Brasileira de Química **31**(3/4), 63 (1980)

Francke, Ricardo Eugenio; Gallas, Jason Alfredo Carlson; Grieneisen, Hans Peter;
Schifino, José; Chakraborty, Bijoy Prasad
“Einstein A coefficients, oscillator strengths and lifetimes for some selected triplet-triplet transitions of diatomic nitrogen: a comparison between theory and experiment”
Journal of Chemical Physics **72**(3), 1476-81 (1980)

Gerbase, Annelise Engel; Leister, Helena; Bristoti, Anildo
“Sínterização de materiais finos no processo SI/RN. Estudo em laboratório”
Metalurgia **36**(272), 451 (1980)

Halfen, Renato Arthur Paim; Andrade, Antônio Cezar
“Instrução de laboratório por meio audio-visual”
Anais da Associação Brasileira de Química **31**(3/4), 101 (1980)

Ohlweiler, Otto Alcides; Meditsch, Jorge de Oliveira; Silva, Sandra Santos
“Determinação de sílica em silicatos por espectrofotometria diferencial com o ácido α -molibdo-silícico”
Anais da Associação Brasileira de Química **31**(3/4), 189 (1980)

Peralba, Maria do Carmo Ruaro; Bristoti, Anildo; Leister, Helena
“Reatividade de um carvão redutor. Efeito de aditivos, granulometria e cinzas”
Metalurgia **36**(271), 369-74 (1980)

Perazzolo, Clóvis Antônio; Dexheimer, Marco Antônio; Chassot, Attico Inácio
“Reforma do ensino de Química Orgânica do Instituto de Química da Universidade Federal do Rio Grande do Sul”
Anais da Associação Brasileira de Química **31**(3/4), 99 (1980)

Ribeiro, Tania Maria Hubert; Frank, H.; Bristoti, Anildo
“Caracterização de um minério de cobre do Rio Grande do Sul por espectroscopia Mössbauer e análise química”
Anais da Associação Brasileira de Química **31**(3/4), 33 (1980)

Schaf, Jacob; Zawislak, Fernando Claudio; Fraga, Euclides Francisco da Rocha;
Campbell, Collin Clarck M.; Pasquevich, A. F.; Schreiner, Wido Herwig

“Magnetic hyperfine fields on ^{111}Cd in $\text{Pd}_{1-x}\text{MnSb}$ Heusler Alloys”
Journal of Magnetism and Magnetic Materials **21**(1), 24-32 (1980)

Stumpf, Humberto Osório; Ekman, Maria F.; Souza, Roberto Fernando de; Costa, Valentim Emílio Uberti; Dick, Yeda Pinheiro
“Caracterização termodinâmica e cinética de um quelato de zircônio”
Anais da Associação Brasileira de Química **31**(3/4), 275 (1980)

1981

Azambuja, Denise Schermann; Formoso, Milton Luiz Laquentinie; Bristoti, Anildo
“Estudo da associação de alguns elementos menores com a fração orgânica e inorgânica do carvão de Leão”
Mineração e Metalurgia **44**(426), 4-12 (1981)

Bignetti, Luiz P.; Chalilpoyl, Purush; Earley, Joseph E.
“On the reaction between “ruthenium brown” and hydroxide ion”
Journal of Inorganic and Nuclear Chemistry **43**(1), 190 (1981)

Costa, Valentim Emílio Uberti; Leal, Katia Zaccur; Seidl, Peter Rudolf; Campos, Marcos Pery Amaral; Colnago, Luiz Alberto
“Análise imediata do conteúdo oleaginoso de sementes por ressonância magnética de carbono-13”
Ciência e Cultura **33**(11), 1475 (1981)

Dexheimer, Marco Antonio; Perazzolo, Clóvis Antonio
“Metodologia para a avaliação da qualidade da matéria-prima vitamina C”
Química Nova **4**(2), 40 (1981)

Gallas, Jason Alfredo Carlson; Chakraborty, Bijoy Prasad
“Vibrational transition probabilities with an asymptotic expansion for the Morse oscillator”
Journal of Chemical Society Faraday Transactions 2 **77**(1), 67-70 (1981)

Gallas, Jason Alfredo Carlson; Fries, Suzana Gomes; Jornada, João Alziro Herz da; Livi, Rogério Pohlmann; Fraga, Euclides Francisco da Rocha; Maciel, Alice
“Nuclear quadrupole interactions studies of high pressure phase transitions in InSb ”
Hyperfine Interactions **10**(1/4), 979-982(1981)

Ohlweiler, Otto Alcides; Meditsch, Jorge de Oliveira; Silva, Sandra
“Determinação de sílica em silicatos por espectrofotometria diferencial com o ácido α -molibdossilícico”
Química Nova **4**(2), 34 (1981)

1982

Araujo, Marco Aurelio; Hodges, H. Leslie

“Electron transfer reactions of copper complexes. I A kinetic investigation of the oxidation of bis(1,10-phenanthroline) copper(I) bisulfite by tris(acetylacetonato) cobalt(III) and (ethylenediaminetetraacetato) cobalt (III) in aqueous and micellar sodium dodecylsulfate solution”

Inorganic Chemistry **21**(8), 3167 (1982)

Chakraborty, Bijoy Prasad

“Morse matrix elements : an asymptotic expansion treatment”

International Journal of Quantum Chemistry **22**(1), 73-78 (1982)

Fraga, Euclides Francisco da Rocha; Schifino, José; Chakraborty, Bijoy Prasad

“Self-diffusion of sodium chloride, cobalt(II) chloride and silver nitrate in agar-gel by a radiotracer technique”

Gazzeta Chimica Italiana **112**(1/2), 43-45 (1982)

Hodges, H. Leslie; Araújo, Marco Aurélio

“Kinetic investigation of the equilibrium between mono and bis(1,10-phenanthroline) copper(I) in aqueous and sodium dodecylsulfate solution”

Inorganic Chemistry **21**(8), 3236 (1982)

Husain, David; Schifino, José

“Kinetic study of Mg (3^3P_J) by time-resolved emission, $3^3P_1 \rightarrow 3^1S_0 + h\nu$ ($\lambda=457.1$ nm), following dye-laser excitation”

Journal of Chemical Society, Faraday Transactions 2 **78**(1), 2083-99 (1982)

Schneider, Hans Adams; Cantow, Hans-Joachin; Massen, Ulrich; Northfleet Neto, Henrique

“Donor-acceptor complexation in macromolecular systems. 2. Synthesis and viscoelastic properties of donor-acceptor complexed poly(methylmetacrylate)S and poly(buthylmetacrylate)S”

Polymer Bulletin **7**(5/6), 263-70 (1982)

1983

Antunes, Octavio A. C.; Faria, Roberto B.; Alencastro, Ricardo Bica de; Holleben, Maria Luiza Ambros von; Sartor, Ivone; Costa, Paulo Roberto R.; Pinto, Ângelo da Cunha

“Energia da ponte de hidrogênio entre moléculas s-trans da N-metilformamida : Cálculos pelo método CNDO/2”

Anais da Academia Brasileira de Ciências **55**(2), 183 (1983)

Chassot, Attico Inacio

“Análise de desempenho em provas de Química em concurso vestibular”

Química Nova **6**(1), 21 (1983)

Husain, David; Schifino, José

“Collisional quenching of Mg (3^3P_J) studied by time-resolved emission, $3^3P_1 \rightarrow 3^1S_0 + h\nu$ ($\lambda = 457.1$ nm), following dye-laser excitation”

Journal of Chemical Society, Faraday Transactions 2 **79**(2), 919-30 (1983)

Husain, David; Schifino, José

“Kinetic study of Ca (4^3P_J) by time-resolved emission, $4^3P_1 \rightarrow 4^1S_0 + h\nu$ ($\lambda = 657.3$ nm), following dye-laser excitation. Spontaneous emission, diffusion and collisional quenching”

Journal of Chemical Society, Faraday Transactions 2 **79**(8), 1265-81 (1983)

Husain, David; Schifino, José

“Collisional quenching of Ca (4^3P_J) studied by time-resolved emission, $4^3P_1 \rightarrow 4^1S_0 + h\nu$ ($\lambda = 657.3$ nm), following dye-laser excitation”

Journal of Chemical Society, Faraday Transactions 2 **79**(11), 1677-87 (1983)

Maciel, Alice; Fries, Sonia Gomes; Schreiner, Wido Herwig; Jornada, João Alziro Herz da; Livi, Rogério Pohlmann; Fraga, Euclides Francisco da Rocha

“Study of the nuclear quadrupole interactions in Tl_5Te_3 ”

Physica Status Solidi A **80**(1), 245-248 (1983)

Schneider, Hans Adams; Horthfleet Neto, Henrique

“The effect of sequence distribution on glass transition of donor-acceptor copolymers systems”

Polymer Bulletin **9**(8/9), 457-63 (1983)

Stadler, Reimund; Jacobi, Marly Antonia Maldaner; Gronski, Wolfram

“Tetrafunctional networks with deuterated networks junctions - Synthesis and characterization”

Macromolecular Rapid Communication **4**, 129 (1983)

1984

Baibich, Ione Maluf; English, Ann M.; Butler, Ian S.

“Absolute integrated infrared intensities of the carbonyl, thiocarbonyl, and selenocarbonyl stretching modes in the charcocarbonyl complexes $\text{Cr}(\text{CO})_5(\text{CX})$ and $(\eta^6\text{-C}_6\text{H}_6)\text{Cr}(\text{CO})_2(\text{CX})$ ($\text{X} = \text{O}, \text{S}, \text{Se}$)
Organometallics **3**(12), 1786-9 (1984)

Baibich, Ione Maluf; Butler, Ian S.

“Electronic spectra of the chromium charcocarbonyl complexes $\text{Cr}(\text{CO})_5(\text{CX})$ and $(\eta^6\text{-C}_6\text{H}_6)\text{Cr}(\text{CO})_2(\text{CX})$ ($\text{X} = \text{O}, \text{S}, \text{Se}$)
Inorganica Chimica Acta **89**(2), 73-7 (1984)

Antunes, Octavio A. C.; Faria, Roberto B.; Alencastro, Ricardo Bica de; Holleben, Maria Luiza Ambros von; Sartor, Ivone; Costa, Paulo Roberto R.; Pinto, Ângelo da Cunha

“Energia da ponte de hidrogênio entre moléculas s-trans da N-metilformamida : Cálculos pelo método CNDO/2”
Anais da Academia Brasileira de Ciências **55**(2), 183 (1983)

Chassot, Attico Inacio

“Análise de desempenho em provas de Química em concurso vestibular”
Química Nova **6**(1), 21 (1983)

Husain, David; Schifino, José

“Kinetic study of Sr (5^3P_J) by time-resolved emission, $5^3\text{P}_1 \rightarrow 5^1\text{S}_0 + h\nu$ ($\lambda = 689.3$ nm) following dye-laser excitation”
Journal of Chemical Society, Faraday Transactions 2 **80**, 321(1984)

Husain, David; Schifino, José

“Collisional quenching of electronically excited strontium atoms, Sr (5^3P_J), studied by time-resolved emission, at ($\lambda = 689.3$ nm), ($5^3\text{P}_1 \rightarrow 5^1\text{S}_0 + h\nu$), following dye-laser excitation”
Journal of Chemical Society, Faraday Transactions 2 **80**(5), 647-57 (1984)

Ionescu, Lavinel George; Romanesco, L. Stelian; Nome, Faruk

“The effect of cosolvents on the formation of micelles of cetyltrimethylammonium bromide in aqueous solutions”
Surfactants in Solution, 789 (1984)

Ionescu, Lavinel George; Nome, Faruk

“On the validity of the pseudo-phase model of micellar catalysis”
Surfactants in Solution, 1107 (1984)

Gronski, Wolfram; Stadler, Reimund; Jacobi, Marly Antonia Maldaner

“Evidence of nonaffine and inhomogeneous deformation of network chains in strained rubber-elastic network by deuterium magnetic resonance”
Macromolecules **17**, 741 (1984)

Freitas, Liane Lucy de Lucca; Jacobi, Marly Antônia Maldaner; Stadler, Reimund
“Synthesis of network in solution. 1. Influence of the gelation on the crosslink kinetics”
Polymer Bulletin **11**(5), 407-414 (1984)

Schneider, Hans Adams; Cantow, Hans-Joachim; Lutz, Pierre; Northfleet Neto, Henrique
“Interacting polymer blends - Synthesis and mechanical properties”
Makromolekulare Chemie (Sup) **8**, 89 (1984)

1985

Amaral, Suzana Trindade; Luca, Sérgio João de
“Remoção de cromo(VI) por adsorção em coque poroso”
Ciência e Cultura **37**(9), 1514-9 (1985)

Behar, Moni; Fraga, Euclides Francisco da Rocha; Maciel, Alice; Schreiner, Wido Herwig; Saitovich, Henrique
“Temperature behavior of the electric field gradients in the switching InSe compound”
Journal of Physics C **18**(31), 5863-5871 (1985)

Fariña, Felix; Martinez-Utrilla, R.; Paredes, Maria del Carmen; Stefani, Valter
“Synthesis of 5-amino-8-hydroxy-1,4-naftoquinone and derivatives”
Synthesis **8**, 781 (1985)

Gronski, Wolfram; Emeis, Detlef; Bruderlin, Alfred; Jacobi, Marly Antônia Maldaner; Stadler, Reimund; Eisenbach, Claus D.
“Deuterium magnetic resonance studies on strained selectively deuterated elastomers”
British Polymer Journal **17**(2), 103 (1985)

Ionescu, Lavinel George
“Quasi-elastic light scattering of cetyltrimethylammonium bromide in aqueous salt solutions”
Química Nova **8**(3), 191(1985)

Northfleet Neto; Henrique; Massen, Ulrich; Cantow, Hans-Joachin; Schneider, Hans Adams
“Copolymerization of methyl- and butylmethacrylate with electron-donor N-(2-hydroxyethyl)carbazoyl metacrylate electron-acceptor (β -hydroxyethyl)-3,5-dinitro benzoyl methacrylate”
Polymer Bulletin **14**(5), 439-45 (1985)

Schufle, Joseth A.; Ionescu, Lavinel George
"The philosophy of George Santayana and the dearth of hispanic scientists"
New Mexico Journal of Science **25**(1), 13 (1985)

Stadler, Reimund; Abetz, Volker; Jacobi, Marly Antônia Maldaner
"Strain-rate dependent stress-strain properties of solution crosslinked poly(isobutylene) networks"
Polymer Bulletin **14**(3-4), 317-23 (1985)

1986

Fariña, Francisco; Paredes, Maria del Carmen; Stefani, Valter
"Polycyclic hydroquinones. XXIV. Diels-Alder reactions of 5-amino-8-hydroxy-1,4-naftoquinone. Novel transcycloaddition reactions with derivatives of 1,4-methanoanthracene-9,10-dione"
Tetrahedron **42**(15), 4309 (1986)

Stadler, Reimund; Freitas, Liane Lucy de Lucca; Jacobi, Marly Antônia Maldaner
"Synthesis of networks in solution 2. Influence of the primary molecular weight on the kinetics of crosslinking"
Makromolekulare Chemie **187**(4), 723-729 (1986)

Jacobi, Marly Antônia Maldaner; Stadler, Reimund; Stibal, Elke; Gronski, Wolfram
"Synthesis and characterization of deuterated low molecular weight polybutadienes"
Makromolekulare Chemie Rapid Communications **7**(7), 443-447 (1986)

Jacobi, Marly Antônia Maldaner; Stadler, Reimund; Gronski, Wolfram
"Oligomers as molecular probes of orientational order in strained elastomeric networks"
Macromolecules **19**(11), 2884-2887 (1986)

Northfleet Neto, Henrique; Bristoti, Anildo; Vazquez, Adalberto
"A simple method for pyritic sulfur determination in coal, using Mössbauer spectroscopy"
International Journal of Mineral Processing **16**(1/2), 147-151 (1986)

1987

Caramão, Elina Bastos; Gomes, L. M. F.; Oliveira, M. D.; Lanças, Fernando Mauro
"CGC-MS characterization of tar bases from a brazilian high ash coal"
Journal of High Resolution Chromatography **10**(10), 579-581 (1987)

Fariña, Francisco; Paredes, Maria del Carmen; Stefani, Valter
"Synthesis, structure and reactivity of 4-acetylamino-9-acetoxy-1,9,10-anthracene-trione"

Tetrahedron Letters **28**(35), 4109-4112 (1987)

Ionescu, Lavinel George; Wiederkehr, Nadir Ana
"Interaction of magnesium phthalocyanide with organic solvents"

Química Nova **10**(3), 246 (1987)

Kover, Warner Bruce; Jones Júnior, Joel; Aguiar, Alcino P.; Holleben, Maria Luiza Ambros von

"Methods of cyclization of some δ diketones"

Tetrahedron **43**(14), 3199-3204 (1987)

Miekeley, Norbert F.; Vale, Maria Goreti Rodrigues; Silveira, Carmen Lucia Porto da

"Determination of isotopic and total thorium at ultratrace level in water by α -spectroscopy and ICP-AES"

Inorganica Chimica Acta **140**(1/2), 321-5 (1987)

Schifino, José; Gehlen, Marcelo Henrique

"Estudo cinético da reação da ciclopentanona com hidróxido de sódio em solução aquosa por interferometria"

Química Nova **10**(2), 90 (1987)

1988

Araujo, Marco Aurelio de; Stadler, Reimund; Cantow, Hans-Joachim

"Composition and molecular-weight dependence of the glass transition in polystyrene-poly(2,6-dimethylphenylene ether) blends"

Polymer **29**(12), 2235-43 (1988)

Araujo, Marco Aurelio de; Stadler, Reimund

"Viscoelastic properties of mixtures of polystyrene with low-molecular-weight poly[oxy(2,6-dimethyl-1,4-phenylene)]"

Macromolecular Chemistry and Physics **189**(9), 2169-86 (1988)

Dick, Deborah Pinheiro; Kampf, Nestor

"Comparação da extração de ferro com HCl GN, H₂SO₄ 1:1 e ditionito-citrato-bicarbonato de sódio em horizontes B-latosólicos"

Revista Brasileira de Ciência do Solo **12**(2), 185 (1988)

Farina, Francisco; Paredes, Maria del Carmen; Stefani, Valter

"Polycyclic hydroxyquinones. Part 25. Regioselective Diels-Alder reactions of 5-amino-8-hydroxy-1,4-naftoquinone and derivatives with 1-methoxy- 1-trimethylsilyl oxy-buta-1,3-diene"

Journal of Chemical Research(M) **9**, 2081 (1988)

Jacobi, Marly Antônia Maldaner; Stadler, Reimund

"Synthesis of elastomer networks of defined structure - crosslinking via masked bis-(1,2,4-triazoline-3,5-dione)"

Makromolekulare Chemie. Rapid Communications **9**(10), 709-15 (1988)

Pureur Neto, Paulo; Schaf, Jacob; Kunzler, Júlio V.; Fraga, Euclides Francisco da Rocha

"Breking of ergodicity in high-Tc superconductor YBa₂Cu₃O₇"

Solid State Communications **66**(9), 931 (1988)

1989

Araujo, Marco Aurelio de; Oelfin, Dieter; Stadler, Reimund; Moller, Martin

"²H NMR spectroscopy on glassy polystyrene, poly(oxy-2,6-dimethyl-1,4-phenylene) blends"

Macromolecular Rapid Communication **10**(6), 259-64 (1989)

Baibich, Ione Maluf; Parlier, A.; Rudler, Henri; Fontanille, M.;Lucas, C.; Soum, A.

"Interaction of Lewis acids with the alkenecarbene complexes of Tungsten : Formation a 1:1 adduct in solution"

Journal of Molecular Catalysis **53**, 193 (1989)

Baibich, Ione Maluf; Gerbase, Annelise Engel; Rosa, Ricardo Gomes da; Amaral, Livio, Vasquez, Adalberto

"Mössbauer and infrared study of the thermal decomposition of iron and nickel compounds impregnated in alumina"

Spectrochimica Acta **45A**(9), 933 (1989)

Del Pino, José Claudio; Trindade, Vera Maria Treis; Guma, Fatima; Bernard, Elena Aida

"Biochemical studies of ovary glycoproteins of the cattle tick boophilus microplus"

Insect Biochemistry **19**(7), 657 (1989)

Fariña, Francisco; Paredes, Maria del Carmen; Puebla, Leonor; Stefani, Valter

"Polycyclic hydroxyquinones. Part 26. Regio and site selectivity in the Diels-Alder reactions of 4-sulphonyliminoanthracene-1,9,10-triones"

Journal of the Chemical Society. Dalton Transactions 1 **9**,1597 (1989)

Ferraz, Helena Maria Carvalho; Tenius, Beatriz Soares Machado

“Estudo sobre a epoxidação da ligação dupla C₄-C₅ em precursores de sesquiterpenos”

Anais da Academia Brasileira de Ciências **61**(2), 147 (1989)

Ionescu, Lavinel George; Moro, Celso Camilo

“Isolation and identification of toxic chlorinated organic compounds present in black liquor of bleached cellulose pulp from southern Brazil”

Química Nova **12**(1), 108 (1989)

Neibecker, D.; Tkatchenko, T.; Boiteux; Revillon, A.; Souza, Roberto Fernando de

“Cationic η^3 -allylmetal complexes, 13(A) : eletrical properties of new poly(phenyl acetylene) obtained from nickel catalyst”

Macromolecular Symposia **24**, 137 (1989)

Nikomanis, Filimon; Samios, Dimitrios

“Intramolecular and external rotation in liquids: Raman and Rayleigh light scattering experiments on phenyl and pyridyl compounds”

Journal of Molecular Liquids **43**, 271 (1989)

Petzhold, Cesar Liberato; Jacobi, Marly Antônia Maldaner; Stadler, Reimund

“Influence of hydrogen bonding on the properties of elastomeric blends : synergism in SBR-NBR polymers”

Polymer Communications **30**(4), 111 (1989)

Stadler, Reimund; Araujo, Marco Aurelio de; Kuhrau, M.; Rosch, J.

“Low-temperature modification of polymers by triazolinediones - electrophilic substitution of poly(oxy-2,6-dimethyl-1,4-phenylene).”

Macromolecular Chemistry and Physics **190**(6), 1433-43 (1989)