Massimo Gazzano

List of Publications by Citations

223 papers	8,412 citations	48 h-index	79 g-index
231 ext. papers	9,162 ext. citations	5.9 avg, IF	5.95 L-index

#	Paper	IF	Citations
223	Ionic substitutions in calcium phosphates synthesized at low temperature. *Acta Biomaterialia*, **2010**, 6, 1882-94	10.8	595
222	High-contrast visualization of graphene oxide on dye-sensitized glass, quartz, and silicon by fluorescence quenching. *Journal of the American Chemical Society*, **2009**, 131, 15576-7	16.4	267
221	Strontium-substituted hydroxyapatite nanocrystals. *Inorganica Chimica Acta*, **2007**, 360, 1009-1016	2.7	262
220	Magnesium influence on hydroxyapatite crystallization. *Journal of Inorganic Biochemistry*, **1993**, 49, 69-78	4.2	236
219	Poly(butylene 2,5-furan dicarboxylate), a Biobased Alternative to PBT: Synthesis, Physical Properties, and Crystal Structure. *Macromolecules*, **2013**, 46, 796-804	5.5	201
218	Inhibiting effect of zinc on hydroxylapatite crystallization. *Journal of Inorganic Biochemistry*, **1995**, 58, 49-58	4.2	146
217	Interaction of Sr-doped hydroxyapatite nanocrystals with osteoclast and osteoblast-like cells. *Journal of Biomedical Materials Research - Part A*, **2009**, 89, 594-600	5.4	143
216	Study of the crystal phase and crystallization rate of bacterial poly(3-hydroxybutyrate-co-3-hydroxyvalerate). *Macromolecules*, **1992**, 25, 1405-1410	5.5	131
215	Alendronate-hydroxyapatite nanocomposites and their interaction with osteoclasts and osteoblast-like cells. *Biomaterials*, **2008**, 29, 790-6	15.6	121
214	Preparation and thermal reactivity of nickel/chromium and nickel/aluminium hydrotalcite-type precursors. *Applied Catalysis*, **1991**, 73, 217-236		118
213	Isomorphous substitutions in □tricalcium phosphate: The different effects of zinc and strontium. *Journal of Inorganic Biochemistry*, **1997**, 66, 259-265	4.2	112
212	Enthalpy of melting of □ and □crystals of poly(l-lactic acid). *European Polymer Journal*, **2015**, 70, 215-220	5.2	107
211	Oriented Crystallization of Vaterite in Collagenous Matrices. *Chemistry - A European Journal*, **1998**, 4, 1048-1052	4.8	106
210	Nanocomposites of hydroxyapatite with aspartic acid and glutamic acid and their interaction with osteoblast-like cells. *Biomaterials*, **2006**, 27, 4428-33	15.6	106
209	Tubular-shaped stoichiometric chrysotile nanocrystals. *Chemistry - A European Journal*, **2004**, 10, 3043-9	4.8	106
208	Organic Light-Emitting Transistors Based on Solution-Cast and Vacuum-Sublimed Films of a Rigid Core Thiophene Oligomer. *Advanced Materials*, **2006**, 18, 169-174	24	93
207	Transition metal oxides supported on active carbons as low temperature catalysts for the selective catalytic reduction (SCR) of NO with NH3. *Applied Catalysis B: Environmental*, **1998**, 18, 199-213	21.8	92

206	The Role of the Rigid Amorphous Fraction on Cold Crystallization of Poly(3-hydroxybutyrate). *Macromolecules*, **2012**, 45, 5684-5691	5.5	90
205	Synthesis and thermal evolution of hydrotalcite-type compounds containing noble metals. *Applied Clay Science*, **2000**, 16, 185-200	5.2	90
204	Rietveld structure refinements of calcium hydroxylapatite containing magnesium. *Acta Crystallographica Section B: Structural Science*, **1996**, 52, 87-92		89
203	Biomimetic Crystallization of Calcium Carbonate Polymorphs by Means of Collagenous Matrices. *Chemistry - A European Journal*, **1997**, 3, 1807-1814	4.8	85
202	Effect of nucleating agents on crystallinity and properties of poly (lactic acid) (PLA). *European Polymer Journal*, **2017**, 93, 822-832	5.2	82
201	Composite Nanocrystals Provide New Insight on Alendronate Interaction with Hydroxyapatite Structure. *Advanced Materials*, **2007**, 19, 2499-2502	24	82
200	Crystallization of calcium carbonate in presence of magnesium and polyelectrolytes. *Journal of Crystal Growth*, **1994**, 137, 577-584	1.6	78
199	A successful chemical strategy to induce oligothiophene self-assembly into fibers with tunable shape and function. *Journal of the American Chemical Society*, **2011**, 133, 8654-61	16.4	75
198	Ultrasound stimulated nucleation and growth of a dye assembly into extended gel nanostructures. *Chemistry - A European Journal*, **2013**, 19, 12991-3001	4.8	74
197	Multiscale self-organization of the organic semiconductor alpha-quinquethiophene. *Journal of the American Chemical Society*, **2003**, 125, 10266-74	16.4	71
196	Liquid-crystalline rigid-core semiconductor oligothiophenes: influence of molecular structure on phase behaviour and thin-film properties. *Chemistry - A European Journal*, **2007**, 13, 10046-54	4.8	68
195	Structure and reactivity of high-surface-area Ni/Mg/Al mixed oxides. *Applied Clay Science*, **1995**, 10, 69-82	5.2	67
194	New hydrotalcite-type anionic clays containing noble metals. *Chemical Communications*, **1996**, 2435-2436	5.8	66
193	Polymorphism as an additional functionality of materials for technological applications at surfaces and interfaces. *Chemical Society Reviews*, **2019**, 48, 2502-2517	58.5	65
192	Crystal structure of poly(pentadecalactone). *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 1009-1013	2.6	65
191	Polymorphism and architectural crystal assembly of calcium carbonate in biologically inspired polymeric matrices. *Dalton Transactions RSC*, **2000**, 3983-3987		64
190	Electrochemical behaviour of thin films of Co/Al layered double hydroxide prepared by electrodeposition. *Electrochimica Acta*, **2009**, 54, 1027-1033	6.7	62
189	Novel fully biobased poly(butylene 2,5-furanoate/diglycolate) copolymers containing ether linkages: Structure-property relationships. *European Polymer Journal*, **2016**, 81, 397-412	5.2	61

188	Magnesium calcite crystallizatin from water–alcohol mixtures. *Chemical Communications*, **1996**, 1037-1038	5.8	61
187	Structural study of poly(L-lactic acid) spherulites. *Biomacromolecules*, **2004**, 5, 553-8	6.9	59
186	Microstructural investigation of hydroxyapatite–polyelectrolyte composites. *Journal of Materials Chemistry*, **2004**, 14, 274-279		59
185	Neutron Diffraction Studies of Polycrystalline Ni/Mg/Al Mixed Oxides Obtained from Hydrotalcite-like Precursors. *Journal of Physical Chemistry B*, **1997**, 101, 4514-4519	3.4	57
184	Structure and morphology of synthetic magnesium calcite. *Journal of Materials Chemistry*, **1998**, 8, 1061-1065		57
183	Mechanism of Thermal Decomposition of Potassium/Ammonium Salts of the 12-Molybdophosphoric Acid and Effect on the Catalytic Performance in the Isobutyric Acid Oxidehydrogenation. *Journal of Catalysis*, **1994**, 146, 491-502	7.3	56
182	Antioxidant and bone repair properties of quercetin-functionalized hydroxyapatite: An in vitro osteoblast-osteoclast-endothelial cell co-culture study. *Acta Biomaterialia*, **2016**, 32, 298-308	10.8	54
181	Structure refinements of lead-substituted calcium hydroxyapatite by X-ray powder fitting. *Acta Crystallographica Section B: Structural Science*, **1989**, 45, 247-251		54
180	Combined effect of strontium and zoledronate on hydroxyapatite structure and bone cell responses. *Biomaterials*, **2014**, 35, 5619-26	15.6	53
179	Thermal and structural response of in situ prepared biobased poly(ethylene 2,5-furan dicarboxylate) nanocomposites. *Polymer*, **2016**, 103, 288-298	3.9	53
178	Aliphatic poly(propylene dicarboxylate)s: Effect of chain length on thermal properties and crystallization kinetics. *Polymer*, **2007**, 48, 3125-3136	3.9	52
177	Collapsed Octacalcium Phosphate Stabilized by Ionic Substitutions. *Crystal Growth and Design*, **2010**, 10, 3612-3617	3.5	49
176	Electrodes coated by hydrotalcite-like clays. Effect of the metals and the intercalated anions on ion accumulation and retention capability. *Journal of Electroanalytical Chemistry*, **1998**, 445, 27-37	4.1	49
175	Structural modifications of hydroxyapatite induced by lead substitution for calcium. *Journal of the Chemical Society Dalton Transactions*, **1991**, 2883		48
174	The effect of zoledronate-hydroxyapatite nanocomposites on osteoclasts and osteoblast-like cells in vitro. *Biomaterials*, **2012**, 33, 722-30	15.6	47
173	Bernauer's bands. *ChemPhysChem*, **2011**, 12, 1558-71	3.2	46
172	Characterization and activity of novel copper-containing catalysts for selective catalytic reduction of NO with NH3. *Applied Catalysis B: Environmental*, **1997**, 13, 205-217	21.8	46
171	Preparation and characterisation of a stable Rh catalyst for the partial oxidation of methane. *Journal of Catalysis*, **2003**, 217, 245-252	7.3	46

170	Iron vs Aluminum Based Layered Double Hydroxides as Water Splitting Catalysts. *Electrochimica Acta*, **2016**, 188, 653-660	6.7	45
169	Crystallinity-Induced Biodegradation of Novel [(R,S)-Butyrolactone]-b-pivalolactone Copolymers. *Macromolecules*, **1997**, 30, 7743-7748	5.5	45
168	Molecular Tailoring of New Thieno(bis)imide-Based Semiconductors for Single Layer Ambipolar Light Emitting Transistors. *Chemistry of Materials*, **2013**, 25, 668-676	9.6	44
167	Structural Investigation of Poly(3-hydroxybutyrate) Spherulites by Microfocus X-Ray Diffraction. *Macromolecular Chemistry and Physics*, **2001**, 202, 1405-1409	2.6	44
166	Bacterial poly(3-hydroxybutyrate): an optical microscopy and microfocus X-ray diffraction study. *Biomacromolecules*, **2000**, 1, 604-8	6.9	44
165	Poly(propylene 2,5-thiophenedicarboxylate) vs. Poly(propylene 2,5-furandicarboxylate): Two Examples of High Gas Barrier Bio-Based Polyesters. *Polymers*, **2018**, 10,	4.5	43
164	Thienopyrrolyl dione end-capped oligothiophene ambipolar semiconductors for thin film- and light emitting transistors. *Chemical Communications*, **2011**, 47, 11840-2	5.8	41
163	Poly(1,4-cyclohexylenedimethylene 1,4-cyclohexanedicarboxylate): Influence of stereochemistry of 1,4-cyclohexylene units on the thermal properties. *Journal of Polymer Science, Part B: Polymer Physics*, **2008**, 46, 619-630	2.6	41
162	Structure and reactivity of copper-zinc-cadmium chromite catalysts. *Applied Catalysis A: General*, **1995**, 123, 123-144	5.1	41
161	Novel Random PBS-Based Copolymers Containing Aliphatic Side Chains for Sustainable Flexible Food Packaging. *Polymers*, **2017**, 9,	4.5	40
160	Biodegradable Long Chain Aliphatic Polyesters Containing Ether-Linkages: Synthesis, Solid-State, and Barrier Properties. *Industrial & Engineering Chemistry Research*, **2014**, 53, 10965-10973	3.9	39
159	Gold Nanoparticle-Containing Membranes from in Situ Reduction of a Gold(III)-Aminoethylimidazolium Aurate Salt. *Journal of Physical Chemistry C*, **2010**, 114, 9693-9701	3.8	39
158	Copolymers of Pentadecalactone and Trimethylene Carbonate from Lipase Catalysis: Influence of Microstructure on Solid-State Properties. *Macromolecules*, **2002**, 35, 8066-8071	5.5	39
157	Novel biodegradable aliphatic copolyesters based on poly(butylene succinate) containing thioether-linkages for sustainable food packaging applications. *Polymer Degradation and Stability*, **2016**, 132, 191-201	4.7	38
156	Synthesis and characterization of novel poly(butylene succinate)-based copolyesters designed as potential candidates for soft tissue engineering. *Polymer Engineering and Science*, **2013**, 53, 491-501	2.3	38
155	Reactions of a Coordination Polymer Based on the Triangular Cluster [Cu3(-OH)(pz)3]2+ with Strong Acids. Crystal Structure and Supramolecular Assemblies of New Mono-, Tri-, and Hexanuclear Complexes and Coordination Polymers. *Crystal Growth and Design*, **2010**, 10, 3120-3131	3.5	38
154	Hydroxyapatite Nanocrystals Modified with Acidic Amino Acids. *European Journal of Inorganic Chemistry*, **2006**, 2006, 4821-4826	2.3	38
153	Structural and chemical characterization of inorganic deposits in calcified human mitral valve. *Journal of Inorganic Biochemistry*, **1988**, 34, 75-82	4.2	38

152	Structure-morphology correlation in electrospun fibers of semicrystalline polymers by simultaneous synchrotron SAXS-WAXD. *Polymer*, **2015**, 63, 154-163	3.9	37
151	Biodegradable aliphatic copolyesters containing PEG-like sequences for sustainable food packaging applications. *Polymer Degradation and Stability*, **2014**, 105, 96-106	4.7	37
150	Novel eco-friendly random copolyesters of poly(butylene succinate) containing ether-linkages. *Reactive and Functional Polymers*, **2012**, 72, 303-310	4.6	37
149	Contribution of the rigid amorphous fraction to physical ageing of semi-crystalline PLLA. *Polymer*, **2017**, 125, 241-253	3.9	37
148	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu3(□-OH)(□pz)3]2+ and 4,4?-Bypiridine. 1□ *Crystal Growth and Design*, **2012**, 12, 2890-2901	3.5	37
147	Nature of vanadium species in SnO2□V2O5-based catalysts. Chemistry of preparation, characterization, thermal stability and reactivity in ethane oxidative dehydrogenation over V□n mixed oxides. *Journal of the Chemical Society, Faraday Transactions*, **1994**, 90, 2981-3000		36
146	Structural Investigation of Poly(ethylene furanoate) Polymorphs. *Polymers*, **2018**, 10,	4.5	35
145	Control of the architectural assembly of octacalcium phosphate crystals in denatured collagenous matrices. *Journal of Materials Chemistry*, **2000**, 10, 535-538		35
144	Thermal evolution and catalytic activity of Pd/Mg/Al mixed oxides obtained from a hydrotalcite-type precursor. *Applied Clay Science*, **2001**, 18, 51-57	5.2	35
143	Influence of transesterification reactions on the miscibility and thermal properties of poly(butylene/diethylene succinate) copolymers. *European Polymer Journal*, **2008**, 44, 1722-1732	5.2	34
142	Electrochemically exfoliated graphene oxide/iron oxide composite foams for lithium storage, produced by simultaneous graphene reduction and Fe(OH)3 condensation. *Carbon*, **2015**, 84, 254-262	10.4	33
141	Hydrolysable PBS-based poly(ester urethane)s thermoplastic elastomers. *Polymer Degradation and Stability*, **2014**, 108, 223-231	4.7	33
140	Calcite crystallization on gelatin films containing polyelectrolytes. *Advanced Materials*, **1994**, 6, 46-48	24	33
139	Reactive blending of poly(butylene succinate) and poly(triethylene succinate): characterization of the copolymers obtained. *Polymer International*, **2012**, 61, 1163-1169	3.3	32
138	Molecular architecture and solid-state properties of novel biocompatible PBS-based copolyesters containing sulphur atoms. *Reactive and Functional Polymers*, **2012**, 72, 856-867	4.6	30
137	Fully Aliphatic Copolyesters Based on Poly(butylene 1,4-cyclohexanedicarboxylate) with Promising Mechanical and Barrier Properties for Food Packaging Applications. *Industrial & Engineering Chemistry Research*, **2013**, 52, 12876-12886	3.9	30
136	Glycolipid Biomaterials: Solid-State Properties of a Poly(sophorolipid). *Macromolecules*, **2008**, 41, 7463-7468	5.8	29
135	Thermal conversion of octacalcium phosphate into hydroxyapatite. *Journal of Inorganic Biochemistry*, **1990**, 40, 293-9	4.2	29

134	Electrocatalytic activity of cobalt phthalocyanine stabilized by different matrixes. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 891-7	4.4	28
133	Rh, Ru and Ir catalysts obtained by HT precursors: effect of the thermal evolution and composition on the material structure and use. *Journal of Materials Chemistry*, **2002**, 12, 3296-3303		28
132	Thermal stability of cadmium–calcium hydroxyapatite solid solutions. *Journal of the Chemical Society Dalton Transactions*, **1986**, 241-244		28
131	Design of biobased PLLA triblock copolymers for sustainable food packaging: Thermo-mechanical properties, gas barrier ability and compostability. *European Polymer Journal*, **2017**, 95, 289-303	5.2	27
130	Anisotropic molecular packing of soluble C60 fullerenes in hexagonal nanocrystals obtained by solvent vapor annealing. *Carbon*, **2012**, 50, 1332-1337	10.4	27
129	Determination of low levels of free fibres of chrysotile in contaminated soils by X-ray diffraction and FTIR spectroscopy. *Analytical and Bioanalytical Chemistry*, **2003**, 376, 653-8	4.4	27
128	Structural investigations of lead–strontium fluoroapatites. *Journal of Solid State Chemistry*, **2006**, 179, 3065-3072	3.3	26
127	Synthesis and characterization of poly(propylene terephthalate/2,6-naphthalate) random copolyesters. *Polymer*, **2005**, 46, 4041-4051	3.9	26
126	Processing and characterization of nanocomposite based on poly(butylene/triethylene succinate) copolymers and cellulose nanocrystals. *Carbohydrate Polymers*, **2017**, 165, 51-60	10.3	25
125	Synthesis, size-dependent optoelectronic and charge transport properties of thieno(bis)imide end-substituted molecular semiconductors. *Organic Electronics*, **2013**, 14, 3089-3097	3.5	25
124	Macromolecular design of novel sulfur-containing copolyesters with promising mechanical properties. *Journal of Applied Polymer Science*, **2012**, 126, 686-696	2.9	25
123	A time-temperature integrator based on fluorescent and polymorphic compounds. *Scientific Reports*, **2013**, 3, 2581	4.9	25
122	X-ray investigation on melt-crystallized bacterial poly(3-hydroxybutyrate). *Macromolecular Chemistry and Physics*, **1997**, 198, 71-80	2.6	25
121	FET device performance, morphology and X-ray thin film structure of unsubstituted and modified quinquethiophenes. *Synthetic Metals*, **2004**, 146, 243-250	3.6	25
120	Antiresorptive and anti-angiogenetic octacalcium phosphate functionalized with bisphosphonates: An in vitro tri-culture study. *Acta Biomaterialia*, **2017**, 54, 419-428	10.8	24
119	Gas permeability, mechanical behaviour and compostability of fully-aliphatic bio-based multiblock poly(ester urethane)s. *RSC Advances*, **2016**, 6, 55331-55342	3.7	24
118	Poly(butylene 2,5-thiophenedicarboxylate): An Added Value to the Class of High Gas Barrier Biopolyesters. *Polymers*, **2018**, 10,	4.5	24
117	Rietveld structure refinement of synthetic magnesium substituted tricalcium phosphate. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1996**, 211,	1	24

116	Crystalline calcium alendronate obtained by octacalcium phosphate digestion: a new chance for local treatment of bone loss diseases?. *Advanced Materials*, **2013**, 25, 4605-11	24	23
115	Targeting ordered oligothiophene fibers with enhanced functional properties by interplay of self-assembly and wet lithography. *Journal of Materials Chemistry*, **2012**, 22, 20852		23
114	The effect of alendronate doped calcium phosphates on bone cells activity. *Bone*, **2012**, 51, 944-52	4.7	23
113	Synthesis and characterization of Sr(10−x)Cdx(PO4)6Y2 (Y=OH and F): A comparison of apatites containing two divalent cations. *Materials Research Bulletin*, **2009**, 44, 522-530	5.1	23
112	X-ray Powder Diffraction and Solid-State NMR Investigations in Cadmium−Lead Hydroxyapatites. *European Journal of Inorganic Chemistry*, **2001**, 2001, 1261-1267	2.3	23
111	Strontium and Zinc Substitution in β-Tricalcium Phosphate: An X-ray Diffraction, Solid State NMR and ATR-FTIR Study. *Journal of Functional Biomaterials*, **2019**, 10,	4.8	22
110	Structure−property relationships in multifunctional thieno(bis)imide-based semiconductors with different sized and shaped N-alkyl ends. *Journal of Materials Chemistry C*, **2014**, 2, 3448	7.1	22
109	Correlation among Morphology, Crystallinity, and Charge Mobility in OFETs Made of Quaterthiophene Alkyl Derivatives on a Transparent Substrate Platform. *Journal of Physical Chemistry C*, **2011**, 115, 23164-23169	3.8	22
108	Effect of foreign ions on the conversion of brushite and octacalcium phosphate into hydroxyapatite. *Journal of Inorganic Biochemistry*, **1988**, 32, 251-257	4.2	22
107	Crystallisation-enhanced bulk hole mobility in phenothiazine-based organic semiconductors. *Scientific Reports*, **2017**, 7, 46268	4.9	21
106	Chemical design enables the control of conformational polymorphism in functional 2,3-thieno(bis)imide-ended materials. *Chemical Communications*, **2015**, 51, 2033-5	5.8	21
105	Coordination Polymers Based on the Trinuclear Triangular Secondary Building Unit [Cu3(μ3-OH)(μ-pz)3]2+ (pz = pyrazolate) and Succinate Anion. *Crystal Growth and Design*, **2013**, 13, 126-135	3.5	21
104	Keratin-lipid structural organization in the corneous layer of snake. *Biopolymers*, **2009**, 91, 1172-81	2.2	21
103	Neopenthyl glycol containing poly(propylene terephthalate)s: structure−properties relationships. *Journal of Polymer Science, Part B: Polymer Physics*, **2008**, 46, 170-181	2.6	21
102	New fully bio-based PLLA triblock copoly(ester urethane)s as potential candidates for soft tissue engineering. *Polymer Degradation and Stability*, **2016**, 132, 169-180	4.7	20
101	Electrosynthesis of Ni/Al and Mg/Al Layered Double Hydroxides on Pt and FeCrAlloy supports: Study and control of the pH near the electrode surface. *Electrochimica Acta*, **2013**, 108, 596-604	6.7	20
100	Synthesis and Photovoltaic Properties of Regioregular Head-to-Head Substituted Thiophene Hexadecamers. *Macromolecules*, **2012**, 45, 8284-8291	5.5	20
99	Physicochemical Properties and Structural Refinement of Strontium-Lead Hydroxyapatites. *European Journal of Inorganic Chemistry*, **2002**, 2002, 1864-1870	2.3	20

98	Monocyclic β-lactams loaded on hydroxyapatite: new biomaterials with enhanced antibacterial activity against resistant strains. *Scientific Reports*, **2017**, 7, 2712	4.9	19
97	Design of fully aliphatic multiblock poly(ester urethane)s displaying thermoplastic elastomeric properties. *Polymer*, **2016**, 83, 154-161	3.9	19
96	Polymorphism in Crystalline Microfibers of Achiral Octithiophene: The Effect on Charge Transport, Supramolecular Chirality and Optical Properties. *Advanced Functional Materials*, **2014**, 24, 4943-4951	15.6	19
95	Poly(propylene isophthalate), poly(propylene succinate), and their random copolymers: Synthesis and thermal properties. *Journal of Polymer Science, Part B: Polymer Physics*, **2007**, 45, 310-321	2.6	19
94	Surface induces different crystal structures in a room temperature switchable spin crossover compound. *Dalton Transactions*, **2016**, 45, 134-43	4.3	18
93	Interaction of the Trinuclear Triangular Secondary Building Unit [Cu3(μ3-OH)(μ-pz)3]2+ with 4,4?-Bipyridine. Structural Characterizations of New Coordination Polymers and Hexanuclear CuII Clusters. 2? *Crystal Growth and Design*, **2015**, 15, 1259-1272	3.5	18
92	One-Step Electrosynthesis of Bimetallic AuPt Nanoparticles on Indium Tin Oxide Electrodes: Effect of the Deposition Parameters. *Journal of Physical Chemistry C*, **2009**, 113, 15148-15154	3.8	18
91	Bicolor Pixels from a Single Active Molecular Material by Surface-Tension-Driven Deposition. *Advanced Materials*, **2007**, 19, 1597-1602	24	18
90	Neopenthyl glycol containing poly(propylene azelate)s: Synthesis and thermal properties. *European Polymer Journal*, **2007**, 43, 3301-3313	5.2	18
89	Alkylenesulfanyl-bridged bithienyl cores for simultaneous tuning of electronic, filming, and thermal properties of oligothiophenes. *Organic Letters*, **2008**, 10, 3665-8	6.2	18
88	All-thiophene donor–acceptor blends: photophysics, morphology and photoresponse. *Journal of Materials Chemistry*, **2005**, 15, 895-901		18
87	Tailoring poly(butylene 2,5-thiophenedicarboxylate) features by the introduction of adipic acid co-units: Biobased and biodegradable aliphatic/aromatic polyesters. *Polymer*, **2018**, 145, 11-20	3.9	17
86	Biocompatible multiblock aliphatic polyesters containing ether-linkages: influence of molecular architecture on solid-state properties and hydrolysis rate. *RSC Advances*, **2014**, 4, 32965-32976	3.7	17
85	A new approach for the synthesis of K+-free nickel hexacyanoferrate. *Journal of Solid State Chemistry*, **2006**, 179, 3981-3988	3.3	17
84	Synthesis, multiphase characterization, and helicity control in chiral DACH-linked oligothiophenes. *Chemistry - A European Journal*, **2006**, 12, 7305-12	4.8	17
83	Structural and morphological modifications of hydroxyapatite-polyaspartate composite crystals induced by heat treatment. *Crystal Research and Technology*, **2005**, 40, 1094-1098	1.3	17
82	Synthesis of InSb and InxGa1−xSb thin films from electrodeposited elemental layers. *Journal of Applied Electrochemistry*, **1991**, 21, 863-868	2.6	17
81	Controlling the Functional Properties of Oligothiophene Crystalline Nano/Microfibers via Tailoring of the Self-Assembling Molecular Precursors. *Advanced Functional Materials*, **2018**, 28, 1801946	15.6	17

80	Novel biocompatible PBS-based random copolymers containing PEG-like sequences for biomedical applications: From drug delivery to tissue engineering. *Polymer Degradation and Stability*, **2018**, 153, 53-62	4.7	16
79	Interface Functionalities in Multilayer Stack Organic Light Emitting Transistors (OLETs). *Advanced Functional Materials*, **2014**, 24, 5603-5613	15.6	16
78	Nanoscale Characterization and Unexpected Photovoltaic Behavior of Low Band Gap Sulfur-Overrich-Thiophene/Benzothiadiazole Decamers and Polymers. *Journal of Physical Chemistry C*, **2015**, 119, 27200-27211	3.8	16
77	Miscibility of biodegradable poly(propylene succinate)/poly(propylene adipate) blends: Effect of the transesterification reactions. *European Polymer Journal*, **2009**, 45, 3236-3248	5.2	16
76	Constrained Amorphous Interphase in Poly(l-lactic acid): Estimation of the Tensile Elastic Modulus. *ACS Omega*, **2020**, 5, 20890-20902	3.9	16
75	Novel random poly(propylene isophthalate/adipate) copolyesters: Synthesis and characterization. *European Polymer Journal*, **2006**, 42, 2949-2958	5.2	15
74	Synthesis of novel 4-(1-ethoxycarbonyl-methylidene)-azetidin-2-ones via a Lewis acid-catalyzed reaction of ethyl diazoacetate. *Tetrahedron Letters*, **2002**, 43, 233-235	2	15
73	N-Acylation of 4-alkylidene-β-lactams: unexpected results. *Tetrahedron Letters*, **2003**, 44, 6269-6272	2	15
72	Relationship between Solid State NMR Parameters and X-ray Structural Data in Tricadmium Phosphates. *Inorganic Chemistry*, **1996**, 35, 149-154	5.1	15
71	Effect of molecular architecture and chemical structure on solid-state and barrier properties of heteroatom-containing aliphatic polyesters. *European Polymer Journal*, **2016**, 78, 314-325	5.2	15
70	Copper-cobalt hexacyanoferrate modified glassy carbon electrode for an indirect electrochemical determination of mercury. *Sensors and Actuators B: Chemical*, **2017**, 238, 9-15	8.5	14
69	Hydroxyapatite functionalization to trigger adsorption and release of risedronate. *Colloids and Surfaces B: Biointerfaces*, **2017**, 160, 493-499	6	14
68	New multi-block copolyester of 2,5-furandicarboxylic acid containing PEG-like sequences to form flexible and degradable films for sustainable packaging. *Polymer Degradation and Stability*, **2019**, 169, 108963	4.7	14
67	Thermodynamically versus Kinetically Controlled Self-Assembly of a Naphthalenediimide-Thiophene Derivative: From Crystalline, Fluorescent, n-Type Semiconducting 1D Needles to Nanofibers. *ACS Applied Materials & Interfaces*, **2019**, 11, 16864-16871	9.5	14
66	Bulk Heterojunction Solar Cells: The Role of Alkyl Side Chain on Nanoscale Morphology of Sulfur Over-rich Regioregular Polythiophene/Fullerene Blends. *Journal of Physical Chemistry C*, **2018**, 122, 4156-4164	3.8	14
65	Self-assembly and electrical properties of a novel heptameric thiophene-benzothiadiazole based architectures. *Chemical Communications*, **2012**, 48, 12162-4	5.8	14
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