

Rodion Kopitzky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4834232/publications.pdf>

Version: 2024-02-01

17
papers

1,212
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1644
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Succinic Acid: A New Platform Chemical for Biobased Polymers from Renewable Resources. <i>Chemical Engineering and Technology</i> , 2008, 31, 647-654. | 1.5 | 564 |
| 2 | Poly lactide (PLA) and Its Blends with Poly(butylene succinate) (PBS): A Brief Review. <i>Polymers</i> , 2019, 11, 1193. | 4.5 | 219 |
| 3 | Blending of Polyhydroxybutyrate-co-valerate with Polylactic Acid for Packaging Applications – Reflections on Miscibility and Effects on the Mechanical and Barrier Properties. <i>Chemical and Biochemical Engineering Quarterly</i> , 2015, 29, 221-246. | 0.9 | 66 |
| 4 | Difluorovinylidene, $F_2C=CH_2$. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1983-1985. | 4.4 | 53 |
| 5 | Uncompatibilized PBAT/PLA Blends: Manufacturability, Miscibility and Properties. <i>Materials</i> , 2020, 13, 4897. | 2.9 | 52 |
| 6 | Chlorine Oxide Radicals ClO_x ($x=1-4$) Studied by Matrix Isolation Spectroscopy. <i>Chemistry - A European Journal</i> , 2002, 8, 5601-5621. | 3.3 | 44 |
| 7 | Bis(trifluoroacetyl) Peroxide, $CF_3C(O)OOC(O)CF_3$. <i>Inorganic Chemistry</i> , 2001, 40, 2693-2698. | 4.0 | 39 |
| 8 | IR and UV Absorption Cross Sections, Vibrational Analysis, and the Molecular Structure of Trifluoromethyl Peroxynitrate, CF_3OONO_2 . <i>Inorganic Chemistry</i> , 1998, 37, 6208-6213. | 4.0 | 38 |
| 9 | Gas-Phase Structures of Acetyl Peroxynitrate and Trifluoroacetyl Peroxynitrate. <i>Inorganic Chemistry</i> , 2001, 40, 1672-1676. | 4.0 | 33 |
| 10 | Extensional Flow Properties of Externally Plasticized Cellulose Acetate: Influence of Plasticizer Content. <i>Polymers</i> , 2013, 5, 873-889. | 4.5 | 33 |
| 11 | Properties of Trifluoroacetyl Peroxynitrate, $CF_3C(O)OONO_2$. <i>Inorganic Chemistry</i> , 1997, 36, 1994-1997. | 4.0 | 27 |
| 12 | Compatibility of Chitosan in Polymer Blends by Chemical Modification of Bio-based Polyesters. <i>Polymers</i> , 2019, 11, 1939. | 4.5 | 15 |
| 13 | Metal-Controlled Stereoselectivity in Complex Formation: Assembly of Tetranuclear Copper(I) Complexes with Four Stereogenic Nitrogen Donor Functions in all-(R) and all-(S) Configurations. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1727-1734. | 2.0 | 13 |
| 14 | Experimental Determination of Molecular Weight-Dependent Miscibility of PBAT/PLA Blends. <i>Polymers</i> , 2021, 13, 3686. | 4.5 | 7 |
| 15 | Thermal and Morphological Properties of Poly(L-Lactic Acid)/Poly(D-Lactic Acid)-B-Polycaprolactone Diblock Copolymer Blends. <i>Materials</i> , 2020, 13, 2550. | 2.9 | 4 |
| 16 | Poly(Lactic Acid)-Poly(Butylene Succinate)-Sugar Beet Pulp Composites; Part I: Mechanics of Composites with Fine and Coarse Sugar Beet Pulp Particles. <i>Polymers</i> , 2021, 13, 2531. | 4.5 | 3 |
| 17 | Poly(lactic acid)-Poly(butylene succinate)-Sugar Beet Pulp Composites; Part II: Water Absorption Characteristics with Fine and Coarse Sugar Beet Pulp Particles; A Phenomenological Investigation. <i>Polymers</i> , 2021, 13, 3558. | 4.5 | 2 |